

TRUCKS INVOLVED IN FATAL ACCIDENTS CODEBOOK 2008

**LINDA JAROSSI
DANIEL HERSHBERGER
LESLIE PETTIS
JOHN WOODROOFFE**

CENTER FOR NATIONAL TRUCK AND BUS STATISTICS



**TRUCKS INVOLVED IN FATAL ACCIDENTS CODEBOOK 2008
(Version January 21, 2011)**

Linda Jarossi

Daniel Hershberger

Leslie Pettis

John Woodrooffe

Center for National Truck and Bus Statistics

University of Michigan Transportation Research Institute

January 2011

The research reported herein was conducted under general research funds provided by the Federal Motor Carrier Safety Administration. The opinions, findings, and conclusions expressed in this publication are those of the authors and not necessarily those of the U.S. Department of Transportation or the Federal Motor Carrier Safety Administration.

Technical Report Documentation Page

1. Report No. UMTRI-2011-5		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle Trucks Involved in Fatal Accidents Codebook 2008 (Version January 21, 2011)				5. Report Date January 2011	
				6. Performing Organization Code	
7. Authors Linda Jarossi, Daniel Hershberger, Leslie Pettis, and John Woodrooffe				8. Performing Organization Report No. UMTRI-2011-5	
9. Performing Organization Name and Address University of Michigan Transportation Research Institute 2901 Baxter Road Ann Arbor, MI 48109-2150				10. Work Unit No. 065819	
				11. Contract or Grant No. DTMC75-08-H-00005	
12. Sponsoring Agency Name and Address U.S. Department of Transportation Federal Motor Carrier Safety Administration 400 Seventh Street, S.W. Washington, D.C. 20590				13. Type of Report and Period Covered Special Report Task A	
				14. Sponsoring Agency Code	
15. Supplementary Notes					
16. Abstract This report provides documentation for UMTRI's file of Trucks Involved in Fatal Accidents (TIFA), 2008, including distributions of the code values for each variable in the file. The 2008 TIFA file is a census of all medium and heavy trucks involved in a fatal accident in the United States. The TIFA database provides coverage of all medium and heavy trucks recorded in the Fatality Analysis Reporting System (FARS) file. TIFA combines vehicle, accident, and occupant records from FARS with information about the physical configuration and operating authority of the truck from the TIFA survey.					
17. Key Words Medium trucks, heavy trucks, fatal accident data			18. Distribution Statement Unlimited		
19. Security Classification (of this report) Unclassified	20. Security Classification (of this page) Unclassified	21. No. of Pages 164		22. Price	

Acknowledgments

The data documented in this report are the product of the dedicated efforts of many people. The project originated under the direction of Ken Campbell and Oliver Carsten. Daniel Blower directs the project currently. Robert Allen, Robert Pichler, and many interviewers made the accuracy of the data a matter of personal pride. The project would not have been possible without the willing cooperation of thousands of truck owners, operators, and police officers across the country.

The TIFA survey is conducted by the Center for National Truck and Bus Statistics at the University of Michigan Transportation Research Institute with support from the Federal Motor Carrier Safety Administration. The National Highway Traffic Safety Administration's National Center for Statistics and Analysis and FARS analysts in the states provided assistance in acquiring police reports from the respective states. We are sincerely grateful for their efforts.

INTRODUCTION

Overview

This report documents the November 16, 2010 version of the Trucks Involved in Fatal Accidents (TIFA) 2008 dataset. The report summarizes all the information in the computerized data file. The 2008 TIFA file contains records for all the medium and heavy trucks that were involved in a fatal accident in all 50 of the United States and the District of Columbia during calendar year 2008. Trucks with a gross vehicle weight rating of 10,000 pounds or less, primarily pickups, are excluded as nonsample, as are emergency vehicles and other non-trucks. All the vehicles described are from Version 13Sept10 of the Fatality Analysis Reporting System (FARS) file for 2008 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

The 2008 TIFA file is a census file, which means there is one record for each of the 4,352 medium and heavy trucks involved in a fatal accident in 2008. The codebook presents frequencies for the FARS variables and the TIFA survey variables for the actual number of cases in the file.

Missing data rates for TIFA survey variables are generally low. The range of missing data values is illustrated by the following examples. Cab style (variable 1003) could not be determined for 70 (1.6%) of the 4,352 cases. Vehicle configuration (variable 1048) is unknown for only 60 (1.4%) cases. Gross vehicle weight rating (variable 1050) could not be determined for 90 (2.1%) cases and hours driving (variable 1062) is unknown for 1,125 (25.9%) cases.

Trucks that were not in-transport at the time of the crash are included in this codebook in the Vehicles Not In-Transport (VNIT) section. (The data for the VNIT section are kept in a separate data file.) While we have tried to make variable numbering consistent from year to year, we have no control over changes made to the FARS variables. Thus, variable numbers and code values in the 2008 TIFA file are not fully consistent with the files for 1980 through 2007. Accordingly, the 2008 codebook should not be used as a guide to the earlier datasets.

The dataset includes virtually all the variables from the public version of the FARS file: the accident variables, the vehicle variables (for the truck), and the occupant variables (for the driver of the truck). A few cases had no occupant record because the vehicle was not occupied at the time of the accident. These cases have been padded with the appropriate missing data codes. All variables are at the vehicle level; that is, there is one record for each truck involved. In addition to the variables from FARS (variables 1 through 363), there is a set of variables (numbers 1001 through 1112) that contains the information from the TIFA survey form. The bulk of this information is produced by telephone interviews with the driver, owner, or some other involved party. Some of this information is transcribed from police reports collected from the states.

While the FARS file includes much information on the accident environment and events, information on the vehicles involved, particularly trucks, is limited. Details about the physical configuration of the trucks involved are supplied by the TIFA survey. (The survey form is reproduced in the appendix of this codebook.) The TIFA survey collects a detailed physical description of the truck. These data include the cab style of the power unit; gross vehicle weight rating and gross combination weight rating; trailer type, cargo body style and cargo type; and the company type and operating authority of the operator of the vehicle. The combination of the

FARS accident level variables with the physical detail of the TIFA survey produces the most detailed account of fatal truck accidents available.

Sources of Information

The first step in the acquisition of the data to supplement FARS was to obtain, from the states, copies of the police reports on all 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 (though some states remove this information) and a description, sometimes very brief, of what occurred. These police reports were subsequently used in identifying the appropriate respondent to contact and in checking responses for accuracy.

Police reports could not be obtained from three states, representing 226 cases. Arkansas was missing only five out of their 75 cases.

The majority of missing police reports were from Pennsylvania; they supplied only five out of their 198 cases. Connecticut was unable to send any of their 28 police reports.

Information was collected primarily by telephone interviews. The person or company contacted was, when possible, the owner of the vehicle as listed in the police report. If no contact could be made with the owner, an attempt was made to reach the driver. If neither the owner nor the driver could be reached, as much information as possible was collected from other parties, such as the police officer who investigated the accident or the tow truck operator if the vehicle was towed from the scene. Finally, if no knowledgeable respondent could be found, as much information as possible was coded from the police report. For these cases, variable 1063, which documents whether an interview was conducted, is coded "no," and variable 1064, police report, is coded "yes."

Editors carefully checked each completed interview. All modifications to the survey responses received from an interview are indicated in variables 1066 through 1070. Imputations made by the editors to fill in missing data elements are also indicated there. The numbers coded in these variables are the question numbers on the interview form (see appendix). Thus a "17" in variable 1067 indicates that the second item corrected or derived for that particular case was the response to question 17 on the interview form. There is no particular pattern to the order in which such modifications are indicated. Derivations were made when the editor was able to deduce a piece of information to fill in something missing on the interview form. For example, the type of operating authority was sometimes deduced from the name of the vehicle's owner and their business type.

Number of Cases

Version 13Sept10 of the 2008 FARS file lists 4,455 vehicles (excluding fire trucks) involved in fatal accidents in the United States, that were identified as possible medium or heavy trucks. However, some of the selected vehicles were subsequently found to be light, rather than medium or heavy, trucks, and twenty-seven cases were buses. In particular, a number of vehicles coded by FARS as trucks turned out to be pickups, emergency vehicles, or other light vehicles. One case that FARS identified as a bus was being used to haul cargo and therefore falls into the truck category. Also, vehicles that did not conform to the rules for inclusion in FARS were designated nonsample. These included vehicles parked off the roadway (e.g., on

the shoulder) or legally parked at the side of the road, or cases in which the fatality occurred prior to the crash (e.g., heart attacks). Altogether 104 cases were determined to be nonsample. Subtracting those 104 from the FARS file total of 4,455 cases and adding in one case FARS identified as a bus but was in reality a truck leaves 4,352, which is the number of trucks involved in fatal accidents in 2008.

Format of Codebook

The main body of the codebook provides frequency distributions of all variables and code levels in the TIFA 2008 data file (Motor Vehicles In-Transport). The VNIT section of the codebook documents the additional set of Survey variables collected for Motor Vehicles Not In-Transport (208 cases). For each variable, the codebook provides information about the variable, name, format, and type. "Variable" (such as V19) is the name of the variable in the SAS data file. "Name" (e.g. Route Signing) is the descriptive title corresponding to the FARS or TIFA variable. "Format" refers to the name of the SAS format that provides labels for specific code levels of the variable. "Type" describes the storage type of the variable. Data are stored either as Numeric or Char (character) data. "Length" is the SAS storage length in bytes for the variable.

Obtaining Information from the Dataset

This report provides counts and distributions of the code values for each variable in the file. These tabulations are useful for understanding the variables available in the file, the completeness of the data, and the number of cases with any specific code value.

Many research questions require more detailed cross-classification of the data. In general, different types of trucks are used differently. In comparing the accident experience of straight trucks with that of tractor–semitrailers, for example, one might wish to examine the distributions of trip type and carrier type. While this dataset is not made available to the public by UMTRI, the staff of the Center for National Truck and Bus Statistics at UMTRI will be pleased to make the appropriate runs for outside users. Requests for consultation on and analysis of the data are welcome and may be addressed to Daniel Blower at (734) 764–0248. Finally, while every effort has been made to check the accuracy of the data, the file may contain errors not yet detected.

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v1	CASE STATE.....	1
v2	CASE NUMBER.....	2
v7	CITY.....	2
v8	COUNTY.....	3
v9	ACCIDENT DATE - MONTH.....	3
v10	ACCIDENT DATE - DAY.....	4
v11	ACCIDENT DATE - YEAR.....	4
v12	ACCIDENT TIME - HOUR.....	4
v13	ACCIDENT TIME - MINUTE.....	5
v14	NUMBER OF VEHICLE FORMS - MVIT ONLY.....	5
v14B	VEHICLE FORMS SUBMITTED - ALL.....	6
v15	NUMBER OF PERSON FORMS.....	6
v16	LAND USE.....	7
v17	NATIONAL HIGHWAY SYSTEM.....	7
v18	ROADWAY FUNCTION CLASS.....	8
v19	ROUTE SIGNING.....	8
v20	TRAFFICWAY IDENTIFIER #1.....	9
v20_2	TRAFFICWAY IDENTIFIER #2.....	9
v21	MILEPOINT.....	9
v22	SPECIAL JURISDICTION.....	9
v23	FIRST HARMFUL EVENT.....	10
v24	MANNER OF COLLISION.....	13
v25	RELATION TO JUNCTION.....	14
v26	RELATION TO ROADWAY.....	14
v27	TRAFFICWAY FLOW.....	15
v28	NUMBER OF TRAVEL LANES.....	15
v29	SPEED LIMIT.....	16
v30	ROADWAY ALIGNMENT.....	16
v31	ROADWAY PROFILE.....	16
v32	ROADWAY SURFACE TYPE.....	17
v33	ROADWAY SURFACE CONDITION.....	17
v34	TRAFFIC CONTROL DEVICE.....	17
v35	TRAFFIC CONT FUNCTIONING.....	19
v36	HIT AND RUN.....	19
v37	LIGHT CONDITION.....	20
v38	ATMOSPHERIC CONDITIONS.....	20
v39	CONSTRUCTION/MAINT ZONE.....	20
v40	EMS NOTIFIED - HOUR.....	21
v41	EMS NOTIFIED - MINUTE.....	21
v42	EMS ARRIVAL - HOUR.....	21
v43	EMS ARRIVAL - MINUTE.....	22
v46	SCHOOL BUS RELATED.....	22
v48	RAIL GRADE CROSSING ID.....	22
v49	NUMBER FATALITIES IN ACC.....	23
v50	DAY OF WEEK.....	23
v51	NUMBER DRINKING DRIVERS.....	23
v52	ACCIDENT DATE - JULIAN.....	24
v53	NUMBER UNINJURED IN ACC.....	24
v54	NUMBER C-INJURED IN ACC.....	24
v55	NUMBER B-INJURED IN ACC.....	25
v56	NUMBER A-INJURED IN ACC.....	25
v57	NUMBER K-INJURED IN ACC.....	26

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v58	NUM UNK INJURED IN ACC	26
v59	ACC RELATED FACTORS #1.....	27
v60	ACC RELATED FACTORS #2.....	27
v61	ACC RELATED FACTORS #3.....	28
v62	ATMOSPHERIC CONDITIONS #1	28
v63	ATMOSPHERIC CONDITIONS #2	29
v71	LATITUDE	29
v72	LONGITUDE	29

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v104	VEHICLE NUMBER	31
v105	UNIT TYPE	31
v107	NUMBER OF OCCUPANTS	32
v108	VEHICLE MAKE.....	32
v109	VEHICLE MAKE-MODEL.....	33
v110	BODY TYPE.....	36
v111	MODEL YEAR.....	37
v112	VIN	37
v123	REGISTRATION STATE.....	38
v124	REGISTERED VEHICLE OWNER	39
v125	ROLLOVER.....	40
v126	JACKKNIFE	40
v127	TRAVEL SPEED	40
v129	VEHICLE TRAILERING	41
v130	VEHICLE CONFIGURATION	41
v132	CARGO BODY TYPE	42
v133	SPECIAL USE.....	42
v134	EMERGENCY USE.....	43
v135	IMPACT POINT - INITIAL	43
v136	IMPACT POINT - PRINCIPAL	43
v137	EXTENT OF DEFORMATION	44
v138	VEHICLE ROLE	44
v139	MANNER OF LEAVING SCENE	45
v140	FIRE OCCURRENCE	45
v142	VEHICLE MANEUVER	45
v143	CRASH AVOIDANCE MANUEVER.....	46
v144	MOST HARMFUL EVENT	46
v145	NUMBER OF DEATHS IN VEH.....	50
v151	VIN TRUCK FUEL CODE	50
v152	VIN TRUCK WEIGHT CODE.....	50
v153	VIN TRUCK SERIES.....	51
v155	LENGTH OF VIN.....	51
v156	NUMBER UNINJURED IN VEH.....	51
v157	NUMBER C-INJURED IN VEH	51
v158	NUMBER B-INJURED IN VEH	52
v159	NUMBER A-INJURED IN VEH	52
v160	NUMBER K-INJURED IN VEH	52
v161	NUM UNK INJURED IN VEH.....	53
v162	VEH RELATED FACTORS #1.....	53
v163	VEH RELATED FACTORS #2.....	54
v164	UNDERRIDE/OVERRIDE	55
v170	MOTOR CARRIER ID	55
v171	BUS USE	55
v172	GVWR	56
v173	EVENT #1	56
v174	EVENT #2	58
v175	EVENT #3	60
v176	EVENT #4	61
v177	EVENT #5	63
v178	EVENT #6	64
v179	HAZARDOUS MATERIAL CLASS NUMBER.....	65
v180	HAZARDOUS MATERIAL ID NUMBER	65

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v181	HAZARDOUS MATERIAL INVOLVEMENT.....	66
v182	HAZARDOUS MATERIAL PLACARD	66
v183	HAZARDOUS MATERIAL RELEASED	66
v184	MCID ISSUING AUTHORITY	66
v185	MCID IDENTIFICATION NUMBER.....	67

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v207	DRIVER PRESENCE.....	69
v208	DRIVER DRINKING	69
v209	LICENSE STATE	69
v210A	NON-CDL LICENSE TYPE	71
v210B	NON-CDL LICENSE STATUS.....	71
v211	LICENSE CLASS COMPLIANCE	71
v212	CDL LICENSE STATUS	72
v213	LICENSE ENDORSEMENTS	72
v214	LICENSE RESTRICTIONS MET	73
v216	NUMBER OF PREV ACCIDENTS.....	73
v217	NUMBER PREV SUSPENSIONS.....	73
v218	NUMBER OF PREV DWI CONV	74
v219	NUM PREV SPEEDING CONV	74
v220	NUM PREV OTHER MV CONV.....	75
v221	LAST ACCIDENT - MONTH	75
v222	LAST ACCIDENT - YEAR.....	76
v223	FIRST ACCIDENT - MONTH.....	76
v224	FIRST ACCIDENT - YEAR	77
v227	DRIVER RELATED FACTORS#1.....	77
v228	DRIVER RELATED FACTORS#2.....	80
v229	DRIVER RELATED FACTORS#3.....	82
v230	DRIVER RELATED FACTORS#4.....	84
v231	VIOLATIONS CHARGED#1	85
v232	VIOLATIONS CHARGED#2	88
v233	VIOLATIONS CHARGED#3	89
v235	DRIVER HEIGHT (INCHES).....	91
v236	DRIVER WEIGHT	91

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v306	OCCUPANT NUMBER	93
v308	OCCUPANT AGE	93
v309	OCCUPANT SEX	95
v310	OCCUPANT TYPE	95
v311	OCC SEATING POSITION	95
v312	RESTRAINT SYSTEM USE	96
v313	AIR BAG AVAIL/FUNCTION	96
v314	OCCUPANT EJECTION	97
v315	EJECTION PATH	97
v316	OCCUPANT EXTRICATION	98
v321	DRUG INVOLVEMENT	98
v322	DRUG DETERMINATION	98
v323	DRUG TEST TYPE #1	98
v324	DRUG TEST RESULTS #1	99
v325	DRUG TEST TYPE #2	100
v326	DRUG TEST RESULTS #2	100
v327	DRUG TEST TYPE #3	101
v328	DRUG TEST RESULTS #3	101
v329	OCCUPANT INJURY SEVERITY	102
v330	OCC TAKEN TO HOSPITAL	102
v331	OCC DEATH DATE - MONTH	103
v332	OCC DEATH DATE - DAY	103
v333	OCC DEATH DATE - YEAR	104
v334	OCC DEATH TIME - HOURS	104
v335	OCC DEATH TIME - MINUTES	105
v336	LAG TIME ACC/DEATH - HRS	105
v342	OCC FATAL INJURY AT WORK	105
v345	OCC ALCOHOL INVOLVEMENT	106
v346	OCC METH ALC DETERMINAT	106
v347	ALCOHOL TEST TYPE	106
v348	OCC ALCOHOL TEST RESULT	107
v361	RACE	107
v362	HISPANIC ORIGIN	108
v363	OCC DEAD ON ARRIVAL	108

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v1001	POWER UNIT MAKE.....	109
v1002	POWER UNIT YEAR.....	109
v1003	CAB STYLE.....	111
v1006	TRUCK MODEL.....	111
v1007	POWER UNIT TYPE.....	111
v1008	STRT TRUCK BODY STYLE.....	111
v1009	STRT TRUCK OTHER BODY.....	112
v1010	POWER UNIT NO. OF AXLES.....	112
v1015	POWER UNIT CARGO.....	113
v1017	1ST TRAILER TYPE.....	113
v1018	1ST TRAILER NO. OF AXLES.....	114
v1023	1ST TRAILER BODY.....	114
v1024	1ST TRAILER OTHER BODY.....	115
v1025	1ST TRAILER CARGO.....	115
v1027	2ND TRAILER TYPE.....	116
v1028	2ND TRAILER NO. OF AXLES.....	116
v1033	2ND TRAILER BODY.....	117
v1034	2ND TRAILER OTHER BODY.....	117
v1035	2ND TRAILER CARGO.....	117
v1037	3RD TRAILER TYPE.....	118
v1038	3RD TRAILER NO. OF AXLES.....	118
v1043	3RD TRAILER BODY.....	118
v1044	3RD TRAILER OTHER BODY.....	119
v1045	3RD TRAILER CARGO.....	119
v1047	VEHICLE CONFIGURATION.....	119
v1048	VEHICLE COMBINATION CODE.....	120
v1049	NO. OF TRAILERS.....	122
v1050	GROSS VEHICLE WEIGHT RATING.....	122
v1050C	GROSS COMBINATION WEIGHT RATING.....	122
v1055	SPECIFIC CARGO.....	123
v1056	CARGO SPILLAGE.....	123
v1057	AREA OF OPERATION.....	123
v1058	OPERATING AUTHORITY.....	123
v1059	ACCIDENT TYPE.....	124
v1061	TRIP TYPE.....	124
v1062	HOURS DRIVING.....	124
v1063	INTERVIEW CONDUCTED.....	125
v1064	POLICE REPORT.....	125
v1065	FAX/MAIL.....	126
v1066	1ST QUESTION DERIVED.....	126
v1067	2ND QUESTION DERIVED.....	126
v1068	3RD QUESTION DERIVED.....	126
v1069	4TH QUESTION DERIVED.....	127
v1070	5TH QUESTION DERIVED.....	127
v1091	HAZARDOUS MATERIALS PLACARD.....	127
v1092	HAZARDOUS MATERIALS CLASS.....	127
v1093	HAZARDOUS PLACARD 4-DIGIT NUMBER.....	128
v1101	HEADWAY DETECTION/FORWARD CRASH WARNING.....	128
v1102	SIDE/OBJECT DETECTION.....	128
v1103	LANE DEPARTURE WARNING.....	128
v1104	ROLLOVER WARNING.....	129
v1105	ELECTRONIC STABILITY CONTROL.....	129

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v1106	POWER UNIT TRACKING	129
v1107	TRAILER TRACKING	129
v1108	SPEED LIMITER	130
v1111	DRIVER COMPENSATION	130
v1112	DRIVER COMPENSATION OTHER	130

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES – VEHICLES NOT IN-TRANSPORT

<u>Variable Number</u>	<u>Variable Name</u>	<u>Page Number</u>
v1007	POWER UNIT TYPE	133
v1017	1ST TRAILER TYPE.....	133
v1027	2ND TRAILER TYPE	133
v1037	3RD TRAILER TYPE	133
v1047	VEHICLE CONFIGURATION	134
v1048	VEHICLE COMBINATION CODE	134

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES – VEHICLES NOT IN TRANSPORT

The ACCIDENT Variables

Variables 1 through 72 are the FARS variables that describe the accident.

Variable v1	Name CASE STATE	Format FSTATES	Type Numeric	Length 4
----------------	--------------------	-------------------	-----------------	-------------

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
127	2.9	1	Alabama
5	0.1	2	Alaska
98	2.3	4	Arizona
83	1.9	5	Arkansas
318	7.3	6	California
63	1.4	8	Colorado
28	0.6	9	Connecticut
7	0.2	10	Delaware
1	0.0	11	District of Columbia
299	6.9	12	Florida
195	4.5	13	Georgia
6	0.1	15	Hawaii
32	0.7	16	Idaho
144	3.3	17	Illinois
135	3.1	18	Indiana
72	1.7	19	Iowa
56	1.3	20	Kansas
106	2.4	21	Kentucky
112	2.6	22	Louisiana
26	0.6	23	Maine
47	1.1	24	Maryland
22	0.5	25	Massachusetts
96	2.2	26	Michigan
63	1.4	27	Minnesota
75	1.7	28	Mississippi
117	2.7	29	Missouri
32	0.7	30	Montana
42	1.0	31	Nebraska
27	0.6	32	Nevada
13	0.3	33	New Hampshire
54	1.2	34	New Jersey
46	1.1	35	New Mexico

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
120	2.8	36	New York
145	3.3	37	North Carolina
17	0.4	38	North Dakota
135	3.1	39	Ohio
123	2.8	40	Oklahoma
41	0.9	41	Oregon
198	4.5	42	Pennsylvania
2	0.0	44	Rhode Island
89	2.0	45	South Carolina
13	0.3	46	South Dakota
95	2.2	47	Tennessee
483	11.1	48	Texas
35	0.8	49	Utah
7	0.2	50	Vermont
84	1.9	51	Virginia
65	1.5	53	Washington
49	1.1	54	West Virginia
71	1.6	55	Wisconsin
33	0.8	56	Wyoming

Variable	Name	Format	Type	Length
v2	CASE NUMBER	4	Numeric	4

CASE NUMBER ASSIGNED WITHIN STATES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
6	0.1	1	
		-	Case number
1	0.0	3151	

Variable	Name	Format	Type	Length
v7	CITY		Numeric	4

CITY – GSA GEOGRAPHIC LOCATION CODE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,710	62.3	0	Not applicable

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4	0.1	10	
		-	GSA code
25	0.6	9997	Other
4	0.1	9999	Unknown

Variable	Name	Format	Type	Length
v8	COUNTY		Numeric	3

COUNTY – GSA GEOGRAPHIC LOCATION CODE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
88	2.0	1	
		-	GSA code
1	0.0	810	

Variable	Name	Format	Type	Length
v9	ACCIDENT DATE - MONTH	FACMONTH	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
372	8.5	1	January
402	9.2	2	February
297	6.8	3	March
354	8.1	4	April
350	8.0	5	May
386	8.9	6	June
400	9.2	7	July
348	8.0	8	August
388	8.9	9	September
397	9.1	10	October
300	6.9	11	November
358	8.2	12	December

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v10	ACCIDENT DATE - DAY		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
125	2.9	1	
		-	Day of month
92	2.1	31	

Variable	Name	Format	Type	Length
v11	ACCIDENT DATE - YEAR		Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,352	100.0	2008	2008

Variable	Name	Format	Type	Length
v12	ACCIDENT TIME - HOUR	FACHOUR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
100	2.3	0	12:01 am - 12:59 am
97	2.2	1	1:00 am - 1:59 am
131	3.0	2	2:00 am - 2:59 am
100	2.3	3	3:00 am - 3:59 am
111	2.6	4	4:00 am - 4:59 am
171	3.9	5	5:00 am - 5:59 am
224	5.1	6	6:00 am - 6:59 am
243	5.6	7	7:00 am - 7:59 am
227	5.2	8	8:00 am - 8:59 am
240	5.5	9	9:00 am - 9:59 am
250	5.7	10	10:00 am - 10:59 am
266	6.1	11	11:00 am - 11:59 am
229	5.3	12	12:00 pm - 12:59 pm
283	6.5	13	1:00 pm - 1:59 pm
290	6.7	14	2:00 pm - 2:59 pm
254	5.8	15	3:00 pm - 3:59 pm
216	5.0	16	4:00 pm - 4:59 pm
181	4.2	17	5:00 pm - 5:59 pm
144	3.3	18	6:00 pm - 6:59 pm
121	2.8	19	7:00 pm - 7:59 pm
137	3.1	20	8:00 pm - 8:59 pm

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
111	2.6	21	9:00 pm - 9:59 pm
92	2.1	22	10:00 pm - 10:59 pm
127	2.9	23	11:00 pm - 11:59 pm
1	0.0	24	12:00 midnight
6	0.1	99	Unknown

Variable	Name	Format	Type	Length
v13	ACCIDENT TIME - MINUTE		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
225	5.2	0	
		-	Minute
45	1.0	59	
9	0.2	99	Unknown

Variable	Name	Format	Type	Length
v14	NUMBER OF VEHICLE FORMS - MVIT ONLY	FVEHFORM	Numeric	8

NUMBER OF MOTOR VEHICLES IN-TRANSPORT INVOLVED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
813	18.7	1	1 vehicle
2,687	61.7	2	2 vehicles
541	12.4	3	3 vehicles
164	3.8	4	4 vehicles
52	1.2	5	5 vehicles
16	0.4	6	6 vehicles
15	0.3	7	7 vehicles
14	0.3	8	8 vehicles
10	0.2	9	9 vehicles
16	0.4	10	10 vehicles
1	0.0	11	11 vehicles
6	0.1	12	12 vehicles
2	0.0	22	22 vehicles
11	0.3	24	24 vehicles
1	0.0	36	36 vehicles
3	0.1	51	51 vehicles

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v14B	VEHICLE FORMS SUBMITTED - ALL	FVEHFORM	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
748	17.2	1	1 vehicle
2,702	62.1	2	2 vehicles
576	13.2	3	3 vehicles
171	3.9	4	4 vehicles
55	1.3	5	5 vehicles
19	0.4	6	6 vehicles
15	0.3	7	7 vehicles
14	0.3	8	8 vehicles
11	0.3	9	9 vehicles
16	0.4	10	10 vehicles
1	0.0	11	11 vehicles
6	0.1	12	12 vehicles
1	0.0	17	17 vehicles
2	0.0	22	22 vehicles
11	0.3	24	24 vehicles
1	0.0	36	36 vehicles
3	0.1	51	51 vehicles

Variable	Name	Format	Type	Length
v15	NUMBER OF PERSON FORMS	FNUMPERS	Numeric	3

NUMBER OF PERSONS INVOLVED IN ACCIDENT

Does not include uninjured bus or railway train occupants.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
369	8.5	1	1 person
1,908	43.8	2	2 persons
986	22.7	3	3 persons
458	10.5	4	4 persons
252	5.8	5	5 persons
123	2.8	6	6 persons
81	1.9	7	7 persons
38	0.9	8	8 persons
35	0.8	9	9 persons
12	0.3	10	10 persons

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
19	0.4	11	11 persons
23	0.5	12	12 persons
1	0.0	13	13 persons
2	0.0	14	14 persons
6	0.1	15	15 persons
11	0.3	16	16 persons
1	0.0	17	17 persons
2	0.0	19	19 persons
1	0.0	20	20 persons
1	0.0	23	23 persons
6	0.1	27	27 persons
11	0.3	29	29 persons
2	0.0	55	55 persons
3	0.1	64	64 persons
1	0.0	66	66 persons

Variable	Name	Format	Type	Length
v16	LAND USE	V16_F	Numeric	3

LAND USE – FHWA CLASSIFICATION

Recode of Roadway Function Class (v18)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,539	35.4	1	Urban area
2,794	64.2	2	Rural area
19	0.4	9	Unknown

Variable	Name	Format	Type	Length
v17	NATIONAL HIGHWAY SYSTEM	FNHS94F	Numeric	3

National Highway System (NHS) includes the entire Interstate System, and consists of principal arterial system routes and some Strategic Highway Network connectors functionally classified below principal arterial.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,018	46.4	0	This section is not on the National Highway System
2,316	53.2	1	This section is on the National Highway System
18	0.4	9	Unknown if this section is on the National Highway System

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v18	ROADWAY FUNCTION CLASS	FRFC87F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Rural			
704	16.2	1	Principal arterial - interstate
854	19.6	2	Principal arterial - other
538	12.4	3	Minor arterial
440	10.1	4	Major collector
77	1.8	5	Minor collector
174	4.0	6	Local road or street
7	0.2	9	Unknown rural
Urban			
494	11.4	11	Principal arterial - interstate
172	4.0	12	Principal arterial - other freeways or expressways
412	9.5	13	Other principal arterial
223	5.1	14	Minor arterial
82	1.9	15	Collector
154	3.5	16	Local road or street
2	0.0	19	Unknown urban
19	0.4	99	Unknown

Variable	Name	Format	Type	Length
v19	ROUTE SIGNING	FRTSIGN	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,181	27.1	1	Interstate
1,034	23.8	2	U.S. highway
1,280	29.4	3	State highway
386	8.9	4	County road
Local Street			
66	1.5	5	Township
280	6.4	6	Municipality
24	0.6	7	Frontage road

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Page 9

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
98	2.3	8	Other
3	0.1	9	Unknown

Variable	Name	Format	Type	Length
v20	TRAFFICWAY IDENTIFIER #1		Char	20

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	1	
		-	Roadway identifier
1	0.0	US-92	

Variable	Name	Format	Type	Length
v20_2	TRAFFICWAY IDENTIFIER #2		Char	20

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
57	1.3	0	
		-	Roadway identifier
2	0.0	Woodland	

Variable	Name	Format	Type	Length
v21	MILEPOINT		Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
717	16.5	0	None
3	0.1	0.1	
		-	Actual to nearest .1 mile
1	0.0	35820	
560	12.9	99999	Unknown

Variable	Name	Format	Type	Length
v22	SPECIAL JURISDICTION	FSPECJUR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,326	99.4	0	No special jurisdiction
4	0.1	1	National Park Service

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	2	Military
19	0.4	3	Indian reservation
0	0.0	4	College/university campus
0	0.0	5	Other federal properties
1	0.0	8	Other
1	0.0	9	Unknown

Variable	Name	Format	Type	Length
v23	FIRST HARMFUL EVENT	FFHE82F	Numeric	3

FIRST EVENT CAUSING INJURY/PROPERTY DAMAGE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
192	4.4	1	Overturn/rollover
0	0.0	2	Fire/explosion
1	0.0	3	Immersion
0	0.0	4	Gas inhalation
15	0.3	5	Fell/jumped from vehicle
0	0.0	6	Injured in vehicle (other than cargo/equipment loss/shift)
6	0.1	7	Other non-collision
274	6.3	8	Pedestrian
75	1.7	9	Pedal cycle
14	0.3	10	Railway train
10	0.2	11	Live animal
3,190	73.3	12	Motor vehicle in-transport on same roadway
87	2.0	13	Motor vehicle in-transport on different roadway
40	0.9	14	Parked motor vehicle or motor vehicle stopped off roadway
6	0.1	15	Non-motorist on personal conveyance
0	0.0	16	Thrown or falling object
2	0.0	17	Boulder
13	0.3	18	Other object (not fixed)
1	0.0	19	Building
5	0.1	20	Impact attenuator/crash cushion
7	0.2	21	Bridge pier or abutment
1	0.0	22	Bridge parapet end
7	0.2	23	Bridge rail
101	2.3	24	Guardrail face
27	0.6	25	Concrete traffic barrier
6	0.1	26	Other traffic barrier

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
17	0.4	27	Highway/traffic sign post/sign
1	0.0	28	Overhead sign support/sign
3	0.1	29	Luminaire/light support
8	0.2	30	Utility pole
12	0.3	31	Other post, other pole or other supports
10	0.2	32	Culvert
12	0.3	33	Curb
22	0.5	34	Ditch
16	0.4	35	Embankment - earth
4	0.1	36	Embankment - rock, stone or concrete
19	0.4	37	Embankment - material type unknown
7	0.2	38	Fence
2	0.0	39	Wall
1	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
58	1.3	42	Tree (standing tree only)
2	0.0	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
5	0.1	45	Working motor vehicle (construction, maintenance or utility vehicle only)
0	0.0	46	Traffic signal support/signal
5	0.1	47	Vehicle occupant struck or run over by own vehicle
4	0.1	48	Snow bank
1	0.0	49	Ridden animal or animal-drawn conveyance
4	0.1	50	Bridge overhead structure
18	0.4	51	Jackknife (causing injury or damage)
12	0.3	52	Guardrail end
4	0.1	53	Mail box
13	0.3	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	55	Motor vehicle in motion outside the trafficway
2	0.0	57	Cable barrier
9	0.2	60	Cargo/equipment loss or shift (causing injury or damage)
0	0.0	99	Unknown

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

Noncollision Event

01 = Overturn/rollover

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

- 02 = Fire/explosion
- 03 = Immersion
- 04 = Gas inhalation
- 05 = Fell/jumped from vehicle
- 06 = Injured in vehicle (other than cargo/equipment loss or shift)
- 07 = Other non-collision
- 16 = Thrown or falling object
- 44 = Pavement surface irregularity (pothole, grooved, grates)
- 47 = Vehicle occupant struck or run over by own vehicle
- 51 = Jackknife (causing injury or damage)
- 60 = Cargo/equipment loss or shift (causing injury or damage)

Collision with Motor Vehicle

Collision Involving Motor Vehicles In-Transport

- 12 = Motor vehicle in-transport on same roadway
- 13 = Motor vehicle in-transport on different roadway
- 54 = Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport

Collision Involving Motor Vehicles Not In-Transport

- 14 = Parked motor vehicle or motor vehicle stopped off roadway
- 45 = Working motor vehicle (construction, maintenance or utility vehicle only)
- 55 = Motor vehicle in motion outside the trafficway

Collision with Object Not Fixed

- 08 = Pedestrian
- 09 = Pedalcycle
- 10 = Railway train
- 11 = Live animal
- 15 = Nonmotorist on personal conveyance
- 18 = Other object (not fixed)
- 49 = Ridden animal or animal-drawn conveyance

Collision with Fixed Object

- 17 = Boulder
- 19 = Building
- 20 = Impact attenuator/crash cushion
- 21 = Bridge pier or abutment
- 22 = Bridge parapet end
- 23 = Bridge rail
- 24 = Guardrail face
- 25 = Concrete traffic barrier
- 26 = Other traffic barrier

27 = Highway/traffic sign post/sign
 28 = Overhead sign support/sign
 29 = Luminaire/light support
 30 = Utility pole
 31 = Other post, other pole or other supports
 32 = Culvert
 33 = Curb
 34 = Ditch
 35 = Embankment – earth
 36 = Embankment – rock, stone or concrete
 37 = Embankment – material type unknown
 38 = Fence
 39 = Wall
 40 = Fire hydrant
 41 = Shrubbery
 42 = Tree (standing tree only)
 43 = Other fixed object
 46 = Traffic signal support/signal
 48 = Snow bank
 50 = Bridge overhead structure
 52 = Guardrail end
 53 = Mail box
 57 = Cable barrier

Variable	Name	Format	Type	Length
v24	MANNER OF COLLISION	FCOLL02F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,016	23.3	0	Not a collision with a motor vehicle
872	20.0	1	Front-to-rear (includes rear-end)
689	15.8	2	Front-to-front (includes head-on)
133	3.1	3	Angle - front-to-side, same direction
387	8.9	4	Angle - front-to-side, opposite direction
892	20.5	5	Angle - front-to-side, right angle (including broadside)
24	0.6	6	Angle - front-to-side/angle - direction not specified
135	3.1	7	Sideswipe - same direction
143	3.3	8	Sideswipe - opposite direction
13	0.3	9	Rear-to-side
0	0.0	10	Rear-to-rear
38	0.9	11	Other (end-swipes and others)
10	0.2	99	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v25	RELATION TO JUNCTION	FJUNCT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Non-interchange			
2,923	67.2	1	Non-junction
921	21.2	2	Intersection
126	2.9	3	Intersection related
61	1.4	4	Driveway, alley access, etc.
18	0.4	5	Entrance/exit ramp related
16	0.4	6	Rail grade crossing
19	0.4	7	Crossover-related
69	1.6	8	Driveway access related
1	0.0	9	Unknown, non-interchange

Interchange Area			
35	0.8	10	Intersection
10	0.2	11	Intersection related
3	0.1	12	Driveway access
42	1.0	13	Entrance/exit ramp related
0	0.0	14	Crossover-related
104	2.4	15	Other location in interchange
1	0.0	19	Unknown, interchange area
3	0.1	99	Unknown

Variable	Name	Format	Type	Length
v26	RELATION TO ROADWAY	FRDWY98F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,738	85.9	1	On roadway
196	4.5	2	Shoulder
80	1.8	3	Median
231	5.3	4	Roadside
41	0.9	5	Outside trafficway/outside right-of-way
54	1.2	6	Off roadway - location unknown
1	0.0	7	In parking lane/zone

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
8	0.2	8	Gore
2	0.0	10	Separator
1	0.0	11	Two-way continuous left-turn lane
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v27	TRAFFICWAY FLOW	FFLOW03F	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,218	51.0	1	Not physically divided (two-way trafficway)
1,209	27.8	2	Divided highway, median strip (without traffic barrier)
726	16.7	3	Divided highway, median strip (with traffic barrier)
35	0.8	4	One-way trafficway
87	2.0	5	Not physically divided (with two-way continuous left-turn lane)
55	1.3	6	Entrance/exit ramp
22	0.5	9	Unknown

Variable	Name	Format	Type	Length
v28	NUMBER OF TRAVEL LANES	FLANES	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
50	1.1	1	1 lane
3,128	71.9	2	2 lanes
413	9.5	3	3 lanes
574	13.2	4	4 lanes
68	1.6	5	5 lanes
60	1.4	6	6 lanes
15	0.3	7	7 or more lanes
44	1.0	9	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v29	SPEED LIMIT	FSPLMT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
6	0.1	0	No statutory limit
5	0.1	15	15 mph
4	0.1	20	20 mph
77	1.8	25	25 mph
94	2.2	30	30 mph
219	5.0	35	35 mph
142	3.3	40	40 mph
438	10.1	45	45 mph
182	4.2	50	50 mph
1,354	31.1	55	55 mph
270	6.2	60	60 mph
818	18.8	65	65 mph
545	12.5	70	70 mph
124	2.8	75	75 mph
6	0.1	80	80 mph
68	1.6	99	Unknown

Variable	Name	Format	Type	Length
v30	ROADWAY ALIGNMENT	FALIG	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,530	81.1	1	Straight
802	18.4	2	Curve
20	0.5	9	Unknown

Variable	Name	Format	Type	Length
v31	ROADWAY PROFILE	FGRAD82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,056	70.2	1	Level
1,120	25.7	2	Grade
106	2.4	3	Hillcrest
11	0.3	4	Sag
59	1.4	9	Unknown

Variable	Name	Format	Type	Length
v32	ROADWAY SURFACE TYPE	FPAVE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
527	12.1	1	Concrete
3,748	86.1	2	Blacktop, bituminous, or asphalt
1	0.0	3	Brick or block
15	0.3	4	Slag, gravel or stone
11	0.3	5	Dirt
2	0.0	8	Other
48	1.1	9	Unknown

Variable	Name	Format	Type	Length
v33	ROADWAY SURFACE CONDITION	FSURF07F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,521	80.9	1	Dry
552	12.7	2	Wet
123	2.8	3	Snow or slush
130	3.0	4	Ice/frost
5	0.1	5	Sand, dirt, mud, gravel
3	0.1	6	Water (standing or moving)
1	0.0	7	Oil
4	0.1	8	Other
13	0.3	9	Unknown

Variable	Name	Format	Type	Length
v34	TRAFFIC CONTROL DEVICE	FTRCN82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,234	74.3	0	No controls

*** Not at Railroad Grade Crossing ***

Highway traffic signals

29	0.7	1	Traffic control signal (on colors) without pedestrian signal
30	0.7	2	Traffic control signal (on colors) with pedestrian signal
266	6.1	3	Traffic control signal (on colors) not known whether or not pedestrian signal

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
21	0.5	4	Flashing traffic control signal
8	0.2	5	Flashing beacon
3	0.1	6	Flashing highway traffic signal, type unknown or other than traffic control or beacon
0	0.0	7	Lane use control signal
3	0.1	8	Other highway traffic signal
2	0.0	9	Unknown highway traffic signal
Regulatory signs			
452	10.4	20	Stop sign
16	0.4	21	Yield sign
128	2.9	28	Other regulatory sign
0	0.0	29	Unknown type regulatory sign
School zone signs			
0	0.0	30	School speed limit sign
1	0.0	31	School advance or crossing sign
0	0.0	38	Other school related sign
0	0.0	39	Unknown type school zone sign
Warning signs			
80	1.8	40	Warning sign
18	0.4	41	Electronic warning sign
Miscellaneous not at railroad crossing			
33	0.8	50	Officer, crossing guard, flagman, etc.
*** At Railroad Grade Crossing ***			
Active devices			
1	0.0	60	Gates
1	0.0	61	Flashing lights
1	0.0	62	Traffic control signal
0	0.0	63	Wigwags
0	0.0	64	Bells
0	0.0	68	Other train activated device
0	0.0	69	Active device, type unknown

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Passive devices			
7	0.2	70	Cross bucks
1	0.0	72	Other railroad crossing sign
0	0.0	73	Special warning device - watchman, flagged by crew
0	0.0	78	Other passive device
1	0.0	79	Passive device, type unknown
Miscellaneous devices at railroad crossing			
0	0.0	80	Grade crossing controlled, type unknown
*** Whether or Not at Railroad Grade Crossing ***			
6	0.1	98	Other
10	0.2	99	Unknown

Variable	Name	Format	Type	Length
v35	TRAFFIC CONT FUNCTIONING	FTCFUNC	Numeric	3

TRAFFIC CONTROL FUNCTIONING

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,234	74.3	0	No controls
9	0.2	1	Device not functioning
3	0.1	2	Device functioning improperly
1,096	25.2	3	Device functioning properly
10	0.2	9	Unknown

Variable	Name	Format	Type	Length
v36	HIT AND RUN	FHIT05F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,277	98.3	0	No hit-and-run
49	1.1	1	Driver left scene after collision with vehicle in-transport
24	0.6	2	Driver left scene after collision with person not in a motor vehicle
2	0.0	4	Driver left scene after non-collision accident

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v37	LIGHT CONDITION	FLIGHT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,784	64.0	1	Daylight
1,015	23.3	2	Dark
378	8.7	3	Dark but lighted
124	2.8	4	Dawn
46	1.1	5	Dusk
5	0.1	9	Unknown

Variable	Name	Format	Type	Length
v38	ATMOSPHERIC CONDITIONS	FATM07F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	0	No additional atmospheric conditions
3,685	84.7	1	Clear/cloudy (no adverse conditions)
329	7.6	2	Rain
36	0.8	3	Sleet (hail)
155	3.6	4	Snow or blowing snow
110	2.5	5	Fog, smog, smoke
14	0.3	6	Severe crosswinds
9	0.2	7	Blowing sand, soil, dirt
3	0.1	8	Other
11	0.3	9	Unknown

Variable	Name	Format	Type	Length
v39	CONSTRUCTION/MAINT ZONE	FCMZ82F	Numeric	3

CONSTRUCTION OR MAINTENANCE ZONE

Identifies accidents that occurred in a construction or maintenance zone. Use of this code does not imply that the accident was caused by the construction/maintenance activity or zone.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,137	95.1	0	None
164	3.8	1	Construction
29	0.7	2	Maintenance

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	0.1	3	Utility
17	0.4	4	Work zone, type unknown

Variable	Name	Format	Type	Length
v40	EMS NOTIFIED - HOUR	F_EMS	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
400	9.2	0	Not notified or 12:01 -- 12:59 am
54	1.2	1	
		-	Hour
72	1.7	23	
1,357	31.2	99	Unknown EMS notification time

Variable	Name	Format	Type	Length
v41	EMS NOTIFIED - MINUTE	F_EMS	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
393	9.0	0	Not notified or on the hour
34	0.8	1	
		-	Minute
55	1.3	59	
26	0.6	98	Unknown if notified
1,337	30.7	99	Unknown EMS notification time

Variable	Name	Format	Type	Length
v42	EMS ARRIVAL - HOUR	F_EMS	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
407	9.4	0	Not notified or 12:01 -- 12:59 am
58	1.3	1	
		-	Hour
65	1.5	23	
1,294	29.7	99	Unknown EMS scene arrival time

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v43	EMS ARRIVAL - MINUTE	F_EMS	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
410	9.4	0	Not notified or on the hour
35	0.8	1	
		-	Minute
37	0.9	59	
0	0.0	97	Officially canceled
27	0.6	98	Unknown if arrived
1,403	32.2	99	Unknown EMS scene arrival time

Variable	Name	Format	Type	Length
v46	SCHOOL BUS RELATED	FYESNO	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,333	99.6	0	No
19	0.4	1	Yes

Variable	Name	Format	Type	Length
v48	RAIL GRADE CROSSING ID		Char	7

RAIL GRADE CROSSING ID – FRA CODE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,315	99.1	0000000	Not applicable
1	0.0	076707R	
		-	FRA code
1	0.0	622067A	
23	0.5	9999999	Unknown

Variable	Name	Format	Type	Length
v49	NUMBER FATALITIES IN ACC	FFATALS	Numeric	3

NUMBER OF FATALITIES IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,869	88.9	1	1 killed
385	8.8	2	2 killed
52	1.2	3	3 killed
37	0.9	4	4 killed
5	0.1	5	5 killed
2	0.0	6	6 killed
2	0.0	7	7 killed

Variable	Name	Format	Type	Length
v50	DAY OF WEEK	FDAYS	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
283	6.5	1	Sunday
711	16.3	2	Monday
742	17.0	3	Tuesday
765	17.6	4	Wednesday
751	17.3	5	Thursday
719	16.5	6	Friday
381	8.8	7	Saturday

Variable	Name	Format	Type	Length
v51	NUMBER DRINKING DRIVERS	FDRUNKDR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,680	84.6	0	0 drivers
646	14.8	1	1 driver
24	0.6	2	2 drivers
2	0.0	3	3 drivers

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

Variable	Name	Format	Type	Length
v52	ACCIDENT DATE - JULIAN		Numeric	8

The Julian date from March 1, 1990.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	0.1	39388	January 1, 2008
		-	
9	0.2	39753	December 31, 2008

Variable	Name	Format	Type	Length
v53	NUMBER UNINJURED IN ACC	FUNINJ	Numeric	8

NUMBER OF UNINJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,465	33.7	0	0 uninjured
2,074	47.7	1	1 uninjured
470	10.8	2	2 uninjured
169	3.9	3	3 uninjured
74	1.7	4	4 uninjured
32	0.7	5	5 uninjured
26	0.6	6	6 uninjured
17	0.4	7	7 uninjured
8	0.2	8	8 uninjured
1	0.0	9	9 uninjured
1	0.0	10	10 uninjured
2	0.0	12	12 uninjured
7	0.2	15	15 uninjured
1	0.0	38	38 uninjured
2	0.0	42	42 uninjured
3	0.1	51	51 uninjured

Variable	Name	Format	Type	Length
v54	NUMBER C-INJURED IN ACC	FCINJ	Numeric	8

NUMBER OF C-INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,548	81.5	0	0 C-injured

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
606	13.9	1	1 C-injured
120	2.8	2	2 C-injured
35	0.8	3	3 C-injured
15	0.3	4	4 C-injured
7	0.2	5	5 C-injured
4	0.1	6	6 C-injured
2	0.0	8	8 C-injured
3	0.1	9	9 C-injured
1	0.0	10	10 C-injured
11	0.3	14	14 C-injured

Variable	Name	Format	Type	Length
v55	NUMBER B-INJURED IN ACC	FBINJ	Numeric	8

NUMBER OF B-INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,290	75.6	0	0 B-injured
747	17.2	1	1 B-injured
200	4.6	2	2 B-injured
60	1.4	3	3 B-injured
29	0.7	4	4 B-injured
18	0.4	5	5 B-injured
4	0.1	6	6 B-injured
2	0.0	7	7 B-injured
1	0.0	9	9 B-injured
1	0.0	22	22 B-injured

Variable	Name	Format	Type	Length
v56	NUMBER A-INJURED IN ACC	FAINJ	Numeric	8

NUMBER OF A-INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,502	80.5	0	0 A-injured
577	13.3	1	1 A-injured
153	3.5	2	2 A-injured
70	1.6	3	3 A-injured
27	0.6	4	4 A-injured

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
10	0.2	5	5 A-injured
4	0.1	6	6 A-injured
3	0.1	7	7 A-injured
2	0.0	8	8 A-injured
3	0.1	9	9 A-injured
1	0.0	10	10 A-injured

Variable	Name	Format	Type	Length
v57	NUMBER K-INJURED IN ACC	FKINJ	Numeric	8

NUMBER OF K-INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,869	88.9	1	1 killed
385	8.8	2	2 killed
52	1.2	3	3 killed
37	0.9	4	4 killed
5	0.1	5	5 killed
2	0.0	6	6 killed
2	0.0	7	7 killed

Variable	Name	Format	Type	Length
v58	NUM UNK INJURED IN ACC	FUNKINJ	Numeric	8

NUMBER OF UNKNOWN INJURED IN ACCIDENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,332	99.5	0	0 unknown injured
14	0.3	1	1 unknown injured
4	0.1	2	2 unknown injured
1	0.0	3	3 unknown injured
1	0.0	4	4 unknown injured

Variable	Name	Format	Type	Length
v59	ACC RELATED FACTORS #1	FARF82F	Numeric	3

FACTORS AT ACCIDENT LEVEL – RESPONSE #1

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,007	92.1	0	None
1	0.0	1	Inadequate warning of exits, lanes narrowing, etc.
2	0.0	2	Shoulder design or condition
23	0.5	3	Other construction-created condition
2	0.0	4	No (or obscured) pavement marking
2	0.0	5	Surface under water
1	0.0	6	Inadequate construction or poor design of roadway, etc.
Special circumstances			
0	0.0	7	Surface washed out (caved in, road slippage)
0	0.0	13	Aggressive driving/road rage by non-contact vehicle driver
135	3.1	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
3	0.1	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
8	0.2	16	Nonoccupant struck vehicle
1	0.0	17	Vehicle set-in-motion by nondriver
0	0.0	18	Date of accident and date of emergency medical services notification not same day
132	3.0	19	Recent previous accident scene nearby
9	0.2	20	Police pursuit involved
2	0.0	21	Within designated school zone
12	0.3	22	Speed limit is a statutory limit - state's "basic rule"
10	0.2	23	Indication of a stalled/disabled vehicle
2	0.0	99	Unknown

Variable	Name	Format	Type	Length
v60	ACC RELATED FACTORS #2	FARF82F	Numeric	3

FACTORS AT ACCIDENT LEVEL – RESPONSE #2

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,317	99.2	0	None

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	1	Inadequate warning of exits, lanes narrowing, etc.
1	0.0	3	Other construction-created condition
2	0.0	4	No (or obscured) pavement marking
Special circumstances			
5	0.1	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
8	0.2	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
8	0.2	19	Recent previous accident scene nearby
8	0.2	23	Indication of a stalled/disabled vehicle
2	0.0	99	Unknown

Variable	Name	Format	Type	Length
v61	ACC RELATED FACTORS #3	FARF82F	Numeric	3

FACTORS AT ACCIDENT LEVEL – RESPONSE #3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,346	99.9	0	None
Special Circumstances			
1	0.0	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
1	0.0	20	Police pursuit involved
1	0.0	23	Indication of a stalled/disabled vehicle
2	0.0	99	Unknown

Variable	Name	Format	Type	Length
v62	ATMOSPHERIC CONDITIONS #1	FATM07F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	0	No additional atmospheric conditions
3,685	84.7	1	Clear/cloudy (no adverse conditions)
331	7.6	2	Rain
35	0.8	3	Sleet (hail)
153	3.5	4	Snow or blowing snow

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
111	2.6	5	Fog, smog, smoke
14	0.3	6	Severe crosswinds
9	0.2	7	Blowing sand, soil, dirt
3	0.1	8	Other
11	0.3	9	Unknown

Variable	Name	Format	Type	Length
v63	ATMOSPHERIC CONDITIONS #2	FATM07F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,313	99.1	0	No additional atmospheric conditions
18	0.4	1	Clear/cloudy (no adverse conditions)
2	0.0	2	Rain
1	0.0	3	Sleet (hail)
3	0.1	4	Snow or blowing snow
6	0.1	5	Fog, smog, smoke
8	0.2	6	Severe crosswinds
1	0.0	7	Blowing sand, soil, dirt

Variable	Name	Format	Type	Length
v71	LATITUDE		Numeric	8

LATITUDE IN DECIMAL DEGREE FORMAT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	19.346619	
		-	Latitude
1	0.0	63.679806	

Variable	Name	Format	Type	Length
v72	LONGITUDE		Numeric	8

LONGITUDE IN DECIMAL DEGREE FORMAT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	-170.5122	
		-	Longitude
1	0.0	-67.84722	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

The VEHICLE Variables

Variables 104 through 185 describe the vehicle involved in the accident (i.e., the truck).

Variable	Name	Format	Type	Length
v104	VEHICLE NUMBER	FVEHNUM	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,925	44.2	1	Vehicle #1
2,052	47.2	2	Vehicle #2
261	6.0	3	Vehicle #3
54	1.2	4	Vehicle #4
19	0.4	5	Vehicle #5
10	0.2	6	Vehicle #6
11	0.3	7	Vehicle #7
5	0.1	8	Vehicle #8
1	0.0	9	Vehicle #9
3	0.1	10	Vehicle #10
2	0.0	11	Vehicle #11
1	0.0	12	Vehicle #12
1	0.0	15	Vehicle #15
1	0.0	18	Vehicle #18
1	0.0	20	Vehicle #20
1	0.0	24	Vehicle #24
1	0.0	30	Vehicle #30
1	0.0	36	Vehicle #36
1	0.0	45	Vehicle #45
1	0.0	49	Vehicle #49

Variable	Name	Format	Type	Length
v105	UNIT TYPE	FUNIT	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,352	100.0	1	Motor vehicle in-transport (inside or outside the trafficway)
0	0.0	2	Motor vehicle not in-transport within the trafficway
0	0.0	3	Motor vehicle not in-transport outside the trafficway
0	0.0	4	Working motor vehicle (highway construction, maintenance, utility only)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v107	NUMBER OF OCCUPANTS	FNUMOCC	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
44	1.0	0	0 occupants
3,694	84.9	1	1 occupant
507	11.6	2	2 occupants
71	1.6	3	3 occupants
23	0.5	4	4 occupants
8	0.2	5	5 occupants
2	0.0	6	6 occupants
1	0.0	11	11 occupants
2	0.0	99	Unknown

Variable	Name	Format	Type	Length
v108	VEHICLE MAKE	FMAKE91F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	3	AM General
114	2.6	7	Dodge
377	8.7	12	Ford
108	2.5	20	Chevrolet
79	1.8	23	GMC
1	0.0	35	Datsun or Nissan
38	0.9	38	Isuzu
299	6.9	51	Volvo
13	0.3	52	Mitsubishi
1,036	23.8	82	Freightliner
668	15.3	84	International Harvester or Navistar
444	10.2	85	Kenworth
391	9.0	86	Mack
495	11.4	87	Peterbilt
38	0.9	89	White/Autocar or White/GMC
229	5.3	98	Other make
21	0.5	99	Unknown

Variable	Name	Format	Type	Length
v109	VEHICLE MAKE-MODEL	FMKMD91F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	3499	AM General unknown truck
1	0.0	7462	Dodge Sprinter
5	0.1	7481	D, W-series pickup
76	1.7	7482	Dodge Ram pickup
27	0.6	7880	Dodge medium/heavy pickup
5	0.1	7881	Dodge medium/heavy -- cab behind engine
1	0.0	12398	Ford other (automobile)
24	0.6	12461	Ford E-series van/Econoline
132	3.0	12481	Ford F-series pickup
1	0.0	12498	Ford other (light truck)
1	0.0	12499	Ford unknown (light truck)
45	1.0	12880	Ford medium/heavy pickup (pickup-style only - over 10,000 lbs)
157	3.6	12881	Ford medium/heavy -- cab behind engine
4	0.1	12882	Ford medium/heavy -- cab over engine low entry
1	0.0	12883	Ford medium/heavy -- cab over engine high entry
4	0.1	12884	Ford medium/heavy -- unknown engine location
1	0.0	12898	Ford other (medium/heavy truck)
4	0.1	12899	Ford unknown (medium/heavy truck)
2	0.0	12999	Unknown Ford
3	0.1	20461	Chevrolet G-series van
49	1.1	20481	Chevrolet C, K, R, V-series pickup/Silverado
1	0.0	20499	Chevrolet unknown (light truck)
14	0.3	20880	Chevrolet medium/heavy pickup (pickup style only, over 10,000 lbs.)
32	0.7	20881	Chevrolet medium/heavy -- cab behind engine
5	0.1	20882	Chevrolet medium/heavy -- cab over engine low entry
4	0.1	20899	Chevrolet unknown (medium/heavy truck)
4	0.1	23461	GMC G-series van/Savana
12	0.3	23481	GMC C, K, R, V-series pickup/Sierra
4	0.1	23880	GMC medium/heavy pickup (pickup-style only - over 10,000 lbs.)
50	1.1	23881	GMC medium/heavy -- cab behind engine
6	0.1	23882	GMC medium/heavy -- cab over engine low entry
1	0.0	23884	GMC medium/heavy -- unknown engine location
2	0.0	23899	GMC unknown (medium/heavy truck)
1	0.0	35899	Nissan/Datsun unknown (medium/heavy truck)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	38499	Isuzu unknown (light truck)
3	0.1	38881	Isuzu medium/heavy -- cab behind engine
32	0.7	38882	Isuzu medium/heavy -- cab over engine low entry
2	0.0	38883	Isuzu medium/heavy -- cab over engine high entry
269	6.2	51881	Volvo medium/heavy -- cab behind engine
4	0.1	51882	Volvo medium/heavy -- cab over engine low entry
6	0.1	51883	Volvo medium/heavy -- cab over engine high entry
12	0.3	51884	Volvo medium/heavy -- unknown engine location
1	0.0	51890	Volvo medium/heavy -- cab over engine unknown entry position
7	0.2	51899	Volvo unknown (medium/heavy truck)
1	0.0	52472	Mitsubishi Raider
12	0.3	52882	Mitsubishi medium/heavy -- cab over engine low entry
634	14.6	82881	Freightliner medium/heavy -- cab behind engine
9	0.2	82882	Freightliner medium/heavy -- cab over engine low entry
339	7.8	82883	Freightliner medium/heavy -- cab over engine high entry
45	1.0	82884	Freightliner medium/heavy -- unknown engine location
1	0.0	82898	Freightliner other (medium/heavy truck)
8	0.2	82899	Freightliner unknown (medium/heavy truck)
1	0.0	84498	International Harvester/Navistar other (light truck)
566	13.0	84881	International Harvester/Navistar medium/heavy -- cab behind engine
6	0.1	84882	International Harvester/Navistar medium/heavy -- cab over engine low entry
38	0.9	84883	International Harvester/Navistar medium/heavy -- cab over engine high entry
30	0.7	84884	International Harvester/Navistar medium/heavy -- unknown engine location
1	0.0	84890	International Harvester/Navistar medium/heavy -- cab over engine unknown entry position
4	0.1	84898	International Harvester/Navistar other (medium/heavy truck)
21	0.5	84899	International Harvester/Navistar unknown (medium/heavy truck)
1	0.0	84981	International Harvester/Navistar bus: conventional (engine out front)
411	9.4	85881	Kenworth medium/heavy -- cab behind engine
2	0.0	85882	Kenworth medium/heavy -- cab over engine low entry
5	0.1	85883	Kenworth medium/heavy -- cab over engine high entry
16	0.4	85884	Kenworth medium/heavy -- unknown engine location
1	0.0	85890	Kenworth medium/heavy -- cab over engine unknown entry position
1	0.0	85898	Kenworth other (medium/heavy truck)
8	0.2	85899	Kenworth unknown (medium/heavy truck)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
316	7.3	86881	Mack medium/heavy -- cab behind engine
31	0.7	86882	Mack medium/heavy -- cab over engine low entry
2	0.0	86883	Mack medium/heavy -- cab over engine high entry
28	0.6	86884	Mack medium/heavy -- unknown engine location
2	0.0	86890	Mack medium/heavy -- cab over engine unknown entry position
3	0.1	86898	Mack other (medium/heavy truck)
9	0.2	86899	Mack unknown (medium/heavy truck)
452	10.4	87881	Peterbilt medium/heavy -- cab behind engine
7	0.2	87882	Peterbilt medium/heavy -- cab over engine low entry
4	0.1	87883	Peterbilt medium/heavy -- cab over engine high entry
25	0.6	87884	Peterbilt medium/heavy -- unknown engine location
3	0.1	87898	Peterbilt other (medium/heavy truck)
4	0.1	87899	Peterbilt unknown (medium/heavy truck)
27	0.6	89881	White/Autocar-White/GMC medium/heavy -- cab behind engine
5	0.1	89882	White/Autocar-White/GMC medium/heavy -- cab over engine low entry
1	0.0	89883	White/Autocar-White/GMC medium/heavy -- cab over engine high entry
5	0.1	89884	White/Autocar-White/GMC medium/heavy -- unknown engine location
44	1.0	98804	Other make Western Star
4	0.1	98805	Other make Oshkosh
15	0.3	98806	Other make Hino
11	0.3	98808	Other make UD
104	2.4	98809	Other make Sterling
23	0.5	98881	Other make medium/heavy -- cab behind engine
2	0.0	98882	Other make medium/heavy -- cab over engine low entry
20	0.5	98884	Other make medium/heavy -- unknown engine location
2	0.0	98890	Other make medium/heavy -- cab over engine entry position unknown
4	0.1	98898	Other make other (medium/heavy truck)
1	0.0	99881	Unknown make medium/heavy -- cab behind engine
11	0.3	99884	Unknown make medium/heavy -- unknown engine location
9	0.2	99899	Unknown make unknown (medium/heavy truck)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v110	BODY TYPE	FBODY03F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	9	Other or unknown automobile type
1	0.0	14	Compact utility (American National Standards Institute D-16 utility vehicle categories "small" and "midsize")
Van based light truck, gross vehicle weight rating <= 10,000 lbs.			
29	0.7	21	Large van – includes van-based buses
3	0.1	22	Step-van or walk-in van
1	0.0	29	Unknown van type
Light truck, gross vehicle weight rating <= 10,000 lbs.			
261	6.0	31	Standard pickup (gross vehicle weight rating 4,500 to 10,000 lbs.)
3	0.1	32	Pickup with slide-in camper
4	0.1	39	Unknown (pickup style) light conventional truck type
Other light conventional truck, gross vehicle weight rating <= 10,000 lbs.			
10	0.2	40	Cab chassis based (includes light stake, light dump, light tow, rescue vehicles)
1	0.0	41	Truck based panel
1	0.0	50	School bus
Heavy/medium truck, gross vehicle weight rating > 10,000 lbs.			
25	0.6	60	Step van
186	4.3	61	Single-unit straight truck (10,000 lbs < gross vehicle weight rating <= 19,500 lbs)
193	4.4	62	Single-unit straight truck (19,500 lbs < gross vehicle weight rating <= 26,000 lbs)
708	16.3	63	Single-unit straight truck (gross vehicle weight rating > 26,000 lbs)
6	0.1	64	Single-unit straight truck (gross vehicle weight rating unknown)
2,812	64.6	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
90	2.1	67	Medium/heavy pickup (Ford Super Duty 450/550)
1	0.0	71	Unknown if single-unit or combination unit medium truck (10,000 < gross vehicle weight rating < 26,000)
3	0.1	72	Unknown if single-unit or combination unit heavy truck (gross vehicle weight rating > 26,000)
11	0.3	78	Unknown medium/heavy truck type

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	99	Unknown body type

Variable	Name	Format	Type	Length
v111	MODEL YEAR	FMODYR	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	1966	1966
		-	Actual model year
37	0.9	1990	1990
43	1.0	1991	1991
41	0.9	1992	1992
80	1.8	1993	1993
77	1.8	1994	1994
119	2.7	1995	1995
129	3.0	1996	1996
137	3.1	1997	1997
175	4.0	1998	1998
298	6.8	1999	1999
350	8.0	2000	2000
252	5.8	2001	2001
190	4.4	2002	2002
248	5.7	2003	2003
260	6.0	2004	2004
402	9.2	2005	2005
477	11.0	2006	2006
590	13.6	2007	2007
179	4.1	2008	2008
62	1.4	2009	2009
23	0.5	9999	Unknown

Variable	Name	Format	Type	Length
v112	VIN	\$12	Char	12

VEHICLE IDENTIFICATION NUMBER – FIRST 12 POSITIONS

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v123	REGISTRATION STATE	FREG08ST	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
34	0.8	0	Not applicable
87	2.0	1	Alabama
5	0.1	2	Alaska
54	1.2	4	Arizona
57	1.3	5	Arkansas
270	6.2	6	California
36	0.8	8	Colorado
19	0.4	9	Connecticut
5	0.1	10	Delaware
274	6.3	12	Florida
112	2.6	13	Georgia
5	0.1	15	Hawaii
28	0.6	16	Idaho
185	4.3	17	Illinois
232	5.3	18	Indiana
68	1.6	19	Iowa
34	0.8	20	Kansas
72	1.7	21	Kentucky
77	1.8	22	Louisiana
27	0.6	23	Maine
52	1.2	24	Maryland
18	0.4	25	Massachusetts
81	1.9	26	Michigan
68	1.6	27	Minnesota
60	1.4	28	Mississippi
61	1.4	29	Missouri
26	0.6	30	Montana
42	1.0	31	Nebraska
13	0.3	32	Nevada
9	0.2	33	New Hampshire
73	1.7	34	New Jersey
21	0.5	35	New Mexico
97	2.2	36	New York
160	3.7	37	North Carolina
21	0.5	38	North Dakota
141	3.2	39	Ohio

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
142	3.3	40	Oklahoma
30	0.7	41	Oregon
149	3.4	42	Pennsylvania
1	0.0	43	Puerto Rico
3	0.1	44	Rhode Island
68	1.6	45	South Carolina
19	0.4	46	South Dakota
88	2.0	47	Tennessee
272	6.3	48	Texas
40	0.9	49	Utah
5	0.1	50	Vermont
60	1.4	51	Virginia
55	1.3	53	Washington
18	0.4	54	West Virginia
75	1.7	55	Wisconsin
14	0.3	56	Wyoming
45	1.0	92	No registration
536	12.3	93	Multiple state registration
7	0.2	94	U.S. government tags (includes military)
46	1.1	95	Canada
2	0.0	96	Mexico
8	0.2	97	Other foreign country
45	1.0	99	Unknown

Variable	Name	Format	Type	Length
v124	REGISTERED VEHICLE OWNER	FROWNER	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
77	1.8	0	Not applicable, vehicle not registered
583	13.4	1	Driver (in this crash) was registered owner
329	7.6	2	Driver (in this crash) not registered owner (other private owner listed)
3,232	74.3	3	Vehicle registered as business/company/government vehicle
50	1.1	4	Vehicle registered as rental vehicle
30	0.7	6	Driverless/motor vehicle parked/stopped off roadway
51	1.2	9	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v125	ROLLOVER	FROLL	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,758	86.4	0	No rollover
165	3.8	1	First event
429	9.9	2	Subsequent event

Variable	Name	Format	Type	Length
v126	JACKKNIFE	FJK82F	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,388	31.9	0	Not an articulated vehicle
2,766	63.6	1	No
50	1.1	2	First event
148	3.4	3	Subsequent event

Variable	Name	Format	Type	Length
v127	TRAVEL SPEED	FTSPEED	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
230	5.3	0	Stopped motor vehicle in-transport
3	0.1	1	
		-	Actual miles per hour
1	0.0	95	
1	0.0	97	97 mph or greater
1,998	45.9	98	Not reported
465	10.7	99	Unknown

Variable	Name	Format	Type	Length
v129	VEHICLE TRAILERING	FVTOW87F	Numeric	3

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.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,374	31.6	0	No
2,827	65.0	1	Yes, one trailer
121	2.8	2	Yes, two trailers
2	0.0	3	Yes, three or more trailers
2	0.0	4	Yes, number of trailers unknown
18	0.4	5	Vehicle towing another motor vehicle
8	0.2	9	Unknown

Variable	Name	Format	Type	Length
v130	VEHICLE CONFIGURATION	FVCON01F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
276	6.3	0	Not applicable, not a medium/heavy truck, bus or vehicle displaying a hazardous material placard
571	13.1	1	Single-unit Truck (2 axles, 6 tires)
448	10.3	2	Single-unit truck (3 or more axles)
123	2.8	3	Single-unit truck (unknown number of axles, tires)
105	2.4	4	Truck/trailer(s)
67	1.5	5	Truck tractor (bobtail)
2,531	58.2	6	Tractor/semi-trailer (one trailer)
117	2.7	7	Tractor/doubles (two trailers)
2	0.0	8	Tractor/triples (three trailers)
103	2.4	19	Medium/heavy truck, cannot classify
1	0.0	21	Bus (seats for 16 or more people, including driver)
4	0.1	70	Light truck (van, mini van, panel, pickup, sport utility vehicle displaying a hazardous materials placard)
4	0.1	99	Unknown if light or medium/heavy truck/bus

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v132	CARGO BODY TYPE	FCBT01F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
277	6.4	0	Not applicable, not a medium/heavy truck or bus
1,939	44.6	1	Van/enclosed box
341	7.8	2	Cargo tank
478	11.0	3	Flatbed
374	8.6	4	Dump
46	1.1	5	Concrete mixer
25	0.6	6	Auto transporter
102	2.3	7	Garbage/refuse
118	2.7	8	Grain, chips, gravel
22	0.5	9	Pole
60	1.4	10	Log
6	0.1	11	Intermodal chassis
12	0.3	12	Vehicle towing another motor vehicle
1	0.0	21	Bus (seats for 16 or more people, including driver)
170	3.9	96	No cargo body type
169	3.9	97	Medium/heavy truck or bus, other cargo body type
208	4.8	98	Medium/heavy truck or bus, unknown cargo body type
4	0.1	99	Unknown if light or medium/heavy truck or bus

Variable	Name	Format	Type	Length
v133	SPECIAL USE	FSPECIAL	Numeric	3

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

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,350	100.0	0	No special use
0	0.0	1	Taxi
0	0.0	2	Vehicle used as school bus
0	0.0	3	Vehicle used as other bus
1	0.0	4	Military
0	0.0	5	Police
0	0.0	6	Ambulance
0	0.0	7	Fire truck
1	0.0	9	Unknown

Variable	Name	Format	Type	Length
v134	EMERGENCY USE	FYESNO	Numeric	3

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

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,350	100.0	0	No
2	0.0	1	Yes

Variable	Name	Format	Type	Length
v135	IMPACT POINT - INITIAL	FIMPACTA	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
110	2.5	0	Noncollision
147	3.4	1	1 o'clock
57	1.3	2	2 o'clock
159	3.7	3	3 o'clock
63	1.4	4	4 o'clock
69	1.6	5	5 o'clock
541	12.4	6	6 o'clock
117	2.7	7	7 o'clock
93	2.1	8	8 o'clock
184	4.2	9	9 o'clock
99	2.3	10	10 o'clock
233	5.4	11	11 o'clock
2,324	53.4	12	12 o'clock
22	0.5	13	Top
63	1.4	14	Undercarriage
19	0.4	18	Vehicle set something in motion causing injury or damage (not a clock point)
52	1.2	99	Unknown

Variable	Name	Format	Type	Length
v136	IMPACT POINT - PRINCIPAL	FIMPACTA	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
110	2.5	0	Noncollision
147	3.4	1	1 o'clock
61	1.4	2	2 o'clock

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
157	3.6	3	3 o'clock
60	1.4	4	4 o'clock
75	1.7	5	5 o'clock
525	12.1	6	6 o'clock
126	2.9	7	7 o'clock
98	2.3	8	8 o'clock
190	4.4	9	9 o'clock
88	2.0	10	10 o'clock
226	5.2	11	11 o'clock
2,250	51.7	12	12 o'clock
47	1.1	13	Top
96	2.2	14	Undercarriage
29	0.7	18	Vehicle set something in motion causing injury or damage (not a clock point)
67	1.5	99	Unknown

Variable	Name	Format	Type	Length
v137	EXTENT OF DEFORMATION	FEDEFORM	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
257	5.9	0	None
644	14.8	2	Other (minor)
920	21.1	4	Functional (moderate)
2,467	56.7	6	Disabling (severe)
64	1.5	9	Unknown

Variable	Name	Format	Type	Length
v138	VEHICLE ROLE	FIMPAC	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
110	2.5	0	Non-collision
2,177	50.0	1	Striking
1,894	43.5	2	Struck
165	3.8	3	Both
6	0.1	9	Unknown

Variable	Name	Format	Type	Length
v139	MANNER OF LEAVING SCENE	FTOW82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,014	23.3	1	Driven
3,262	75.0	2	Towed away
17	0.4	3	Abandoned/left at scene
59	1.4	9	Unknown

Variable	Name	Format	Type	Length
v140	FIRE OCCURRENCE	FFIRE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,053	93.1	0	No fire
282	6.5	1	Fire occurred in this vehicle during accident
17	0.4	2	Fire occurred in this vehicle and initiated fire/explosion in another vehicle

Variable	Name	Format	Type	Length
v142	VEHICLE MANEUVER	FV_MAN	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,022	69.4	1	Going straight
119	2.7	2	Slowing or stopping in traffic lane
36	0.8	3	Starting in traffic lane
245	5.6	4	Stopped in traffic lane
50	1.1	5	Passing or overtaking another vehicle
2	0.0	6	Leaving a parked position
2	0.0	7	Parked
3	0.1	8	Entering a parked position
62	1.4	9	Controlled maneuver to avoid animal, pedestrian, object, another vehicle, etc.
8	0.2	10	Turning right: right turn on red permitted
2	0.0	11	Turning right: right turn on red not permitted
71	1.6	12	Turning right: right turn on red not known if permitted or right turn on red not applicable
204	4.7	13	Turning left
19	0.4	14	Making a U-turn
35	0.8	15	Backing up (other than for parking purposes)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
75	1.7	16	Changing lanes or merging
364	8.4	17	Negotiating a curve
22	0.5	98	Other
11	0.3	99	Unknown

Variable	Name	Format	Type	Length
v143	CRASH AVOIDANCE MANUEVER	FCAVOID	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,829	42.0	0	No avoidance maneuver reported
240	5.5	1	Braking (skid marks evident)
89	2.0	2	Braking (no skid marks; driver stated)
69	1.6	3	Braking (other reported evidence)
440	10.1	4	Steering (evidence or stated)
368	8.5	5	Steering and braking (evidence or stated)
19	0.4	6	Other avoidance maneuver
1,298	29.8	8	Not reported/inconclusive (by police)

Variable	Name	Format	Type	Length
v144	MOST HARMFUL EVENT	FFHE82F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
308	7.1	1	Overturn/rollover
127	2.9	2	Fire/explosion
8	0.2	3	Immersion
0	0.0	4	Gas inhalation
12	0.3	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (other than cargo/equipment loss/shift)
5	0.1	7	Other non-collision
305	7.0	8	Pedestrian
75	1.7	9	Pedal cycle
13	0.3	10	Railway train
3	0.1	11	Live animal
3,180	73.1	12	Motor vehicle in-transport on same roadway
25	0.6	13	Motor vehicle in-transport on different roadway
21	0.5	14	Parked motor vehicle or motor vehicle stopped off roadway
6	0.1	15	Non-motorist on personal conveyance

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	16	Thrown or falling object
0	0.0	17	Boulder
2	0.0	18	Other object (not fixed)
2	0.0	19	Building
0	0.0	20	Impact attenuator/crash cushion
12	0.3	21	Bridge pier or abutment
0	0.0	22	Bridge parapet end
3	0.1	23	Bridge rail
16	0.4	24	Guardrail face
9	0.2	25	Concrete traffic barrier
1	0.0	26	Other traffic barrier
5	0.1	27	Highway/traffic sign post/sign
0	0.0	28	Overhead sign support/sign
2	0.0	29	Luminaire/light support
10	0.2	30	Utility pole
1	0.0	31	Other post, other pole or other supports
3	0.1	32	Culvert
0	0.0	33	Curb
14	0.3	34	Ditch
6	0.1	35	Embankment - earth
4	0.1	36	Embankment - rock, stone or concrete
8	0.2	37	Embankment - material type unknown
2	0.0	38	Fence
6	0.1	39	Wall
1	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
74	1.7	42	Tree (standing tree only)
1	0.0	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
3	0.1	45	Working motor vehicle (construction, maintenance or utility vehicle only)
0	0.0	46	Traffic signal support/signal
7	0.2	47	Vehicle occupant struck or run over by own vehicle
0	0.0	48	Snow bank
1	0.0	49	Ridden animal or animal-drawn conveyance
7	0.2	50	Bridge overhead structure
5	0.1	51	Jackknife (causing injury or damage)
0	0.0	52	Guardrail end
0	0.0	53	Mail box

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
43	1.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	55	Motor vehicle in motion outside the trafficway
0	0.0	57	Cable barrier
12	0.3	60	Cargo/equipment loss or shift (causing injury or damage)
1	0.0	99	Unknown

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

Noncollision Event

- 01 = Overturn/rollover
- 02 = Fire/explosion
- 03 = Immersion
- 04 = Gas inhalation
- 05 = Fell/jumped from vehicle
- 06 = Injured in vehicle (other than cargo/equipment loss or shift)
- 07 = Other non-collision
- 16 = Thrown or falling object
- 44 = Pavement surface irregularity (pothole, grooved, grates)
- 47 = Vehicle occupant struck or run over by own vehicle
- 51 = Jackknife (causing injury or damage)
- 60 = Cargo/equipment loss or shift (causing injury or damage)

Collision With Motor Vehicle

Collision Involving Motor Vehicles In-Transport

- 12 = Motor vehicle in-transport on same roadway
- 13 = Motor vehicle in-transport on different roadway
- 54 = Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport

Collision Involving Motor Vehicles Not In-Transport

- 14 = Parked motor vehicle or motor vehicle stopped off roadway
- 45 = Working motor vehicle (construction, maintenance or utility vehicle only)
- 55 = Other not in-transport motor vehicle

Collision with Object Not Fixed

- 08 = Pedestrian
- 09 = Pedalcycle
- 10 = Railway train
- 11 = Live animal

- 15 = Nonmotorist on personal conveyance
- 18 = Other object (not fixed)
- 49 = Ridden animal or animal–drawn conveyance

Collision with Fixed Object

- 17 = Boulder
- 19 = Building
- 20 = Impact attenuator/crash cushion
- 21 = Bridge pier or abutment
- 22 = Bridge parapet end
- 23 = Bridge rail
- 24 = Guardrail face
- 25 = Concrete traffic barrier
- 26 = Other traffic barrier
- 27 = Highway/traffic sign post/sign
- 28 = Overhead sign support/sign
- 29 = Luminaire/light support
- 30 = Utility pole
- 31 = Other post, other pole or other supports
- 32 = Culvert
- 33 = Curb
- 34 = Ditch
- 35 = Embankment – earth
- 36 = Embankment – rock, stone or concrete
- 37 = Embankment – material type unknown
- 38 = Fence
- 39 = Wall
- 40 = Fire hydrant
- 41 = Shrubbery
- 42 = Tree (standing tree only)
- 43 = Other fixed object
- 46 = Traffic signal support/signal
- 48 = Snow bank
- 50 = Bridge overhead structure
- 52 = Guardrail end
- 53 = Mail box

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v145	NUMBER OF DEATHS IN VEH	FVDEATH	Numeric	3

NUMBER OF DEATHS IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,629	83.4	0	0 deaths
690	15.9	1	1 death
29	0.7	2	2 deaths
3	0.1	3	3 deaths
1	0.0	4	4 deaths

Variable	Name	Format	Type	Length
v151	VIN TRUCK FUEL CODE	V151_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	1	(E) Electric operated
130	3.0	2	(G) Gas
4,049	93.0	3	(D) Diesel
0	0.0	4	(P) Propane
0	0.0	7	(*) Not available from vehicle identification number
0	0.0	8	(b) Unknown
173	4.0	9	(9) No vehicle identification number information

Variable	Name	Format	Type	Length
v152	VIN TRUCK WEIGHT CODE	FWGTCD	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
9	0.2	0	Value not returned
372	8.5	3	10,001 - 14,000 lbs.
114	2.6	4	14,001 - 16,000 lbs.
91	2.1	5	16,001 - 19,500 lbs.
217	5.0	6	19,501 - 26,000 lbs.
312	7.2	7	26,001 - 33,000 lbs.
3,083	70.8	8	33,001 lbs. or more
154	3.5	9	Value not coded

Variable	Name	Format	Type	Length
v153	VIN TRUCK SERIES		Char	3

Variable	Name	Format	Type	Length
v155	LENGTH OF VIN		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	6	
		-	Actual length
4,314	99.1	17	

Variable	Name	Format	Type	Length
v156	NUMBER UNINJURED IN VEH	FVUNINJ	Numeric	8

NUMBER UNINJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,745	40.1	0	0 uninjured
2,314	53.2	1	1 uninjured
252	5.8	2	2 uninjured
32	0.7	3	3 uninjured
5	0.1	4	4 uninjured
4	0.1	5	5 uninjured

Variable	Name	Format	Type	Length
v157	NUMBER C-INJURED IN VEH	FVCINJ	Numeric	8

NUMBER C-INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,858	88.6	0	0 C-injured
451	10.4	1	1 C-injured
40	0.9	2	2 C-injured
2	0.0	3	3 C-injured
1	0.0	4	4 C-injured

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v158	NUMBER B-INJURED IN VEH	FVBINJ	Numeric	8

NUMBER B-INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,840	88.2	0	0 B-injured
470	10.8	1	1 B-injured
38	0.9	2	2 B-injured
2	0.0	3	3 B-injured
1	0.0	5	5 B-injured
1	0.0	6	6 B-injured

Variable	Name	Format	Type	Length
v159	NUMBER A-INJURED IN VEH	FVAINJ	Numeric	8

NUMBER A-INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,132	94.9	0	0 A-injured
202	4.6	1	1 A-injured
16	0.4	2	2 A-injured
1	0.0	3	3 A-injured
1	0.0	4	4 A-injured

Variable	Name	Format	Type	Length
v160	NUMBER K-INJURED IN VEH	FVKINJ	Numeric	8

NUMBER K-INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,629	83.4	0	0 killed
690	15.9	1	1 killed
29	0.7	2	2 killed
3	0.1	3	3 killed
1	0.0	4	4 killed

Variable	Name	Format	Type	Length
v161	NUM UNK INJURED IN VEH	FVUNKINJ	Numeric	8

NUMBER UNKNOWN INJURED IN VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,342	99.8	0	0 unknown injured
10	0.2	1	1 unknown injured

Variable	Name	Format	Type	Length
v162	VEH RELATED FACTORS #1	FVRF	Numeric	3

RELATED FACTORS AT VEHICLE LEVEL RESPONSE #1

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,144	95.2	0	None

Vehicle condition(s) noted:

32	0.7	1	Tires
48	1.1	2	Brake system
1	0.0	3	Steering system – includes tie rod, kingpin, ball joint, etc.
4	0.1	4	Suspension – includes springs, shock absorbers, struts, etc.
1	0.0	5	Power train – includes universal joint, drive shaft, etc.
1	0.0	6	Exhaust system
0	0.0	7	Headlights
0	0.0	8	Signal lights
6	0.1	9	Other lights
0	0.0	10	Horn
0	0.0	11	Mirrors
0	0.0	12	Wipers
0	0.0	13	Driver seating and control
0	0.0	14	Body, doors, hood, other
1	0.0	15	Trailer hitch
4	0.1	16	Wheels
0	0.0	17	Air bag
6	0.1	18	Other vehicle defects
0	0.0	19	Safety belts

Special vehicle flags:

43	1.0	31	Hit-and-run vehicle
----	-----	----	---------------------

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	32	Vehicle registration for handicapped
0	0.0	33	Vehicle being pushed by non-motorist
0	0.0	35	Reconstructed/altered vehicle
0	0.0	36	Electric/alternative fuel vehicle
0	0.0	37	Transporting children to/from Head Start/day care
8	0.2	39	Highway construction, maintenance or utility vehicle, in-transport (inside or outside work zone)
0	0.0	40	Highway incident response vehicle
2	0.0	41	Police, fire, or emergency services vehicle working at the scene of an emergency or performing other traffic control activities
11	0.3	42	Other working vehicle (not construction, maintenance, utility, police, fire, or emergency services vehicle)
0	0.0	44	Adaptive equipment
39	0.9	99	Unknown

Variable	Name	Format	Type	Length
v163	VEH RELATED FACTORS #2	FVRF	Numeric	3

RELATED FACTORS AT VEHICLE LEVEL RESPONSE #2

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,301	98.8	0	None
Vehicle condition(s) noted:			
1	0.0	1	Tires
1	0.0	2	Brake system
2	0.0	3	Steering system
2	0.0	4	Suspension
1	0.0	7	Headlights
1	0.0	8	Signal lights
1	0.0	9	Other lights
1	0.0	14	Body, doors, hood, other
2	0.0	18	Other vehicle defects
39	0.9	99	Unknown

Variable	Name	Format	Type	Length
v164	UNDERRIDE/OVERRIDE	FURID05F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,248	97.6	0	No underride or override
			Underriding a motor vehicle in-transport
5	0.1	1	Underride, compartment intrusion
3	0.1	2	Underride, no compartment intrusion
2	0.0	3	Underride, compartment intrusion unknown
87	2.0	7	Overriding a motor vehicle in-transport
4	0.1	8	Overriding a motor vehicle not in-transport
3	0.1	9	Unknown if underride or override

Variable	Name	Format	Type	Length
v170	MOTOR CARRIER ID		Char	11

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
276	6.3	00	Not applicable
1	0.0	01	
		-	FARS state code
1	0.0	56	
2,720	62.5	57	US DOT
67	1.5	58	MC/MX (ICC)
264	6.1	88	None
3	0.1	95	Canada
358	8.2	99	Unknown

Identification Number (columns 3-11)

0	Not applicable
888888888	None
999999999	Unknown

Variable	Name	Format	Type	Length
v171	BUS USE	FBUSUSE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,350	100.0	0	Not used as a bus
0	0.0	1	Used as a public school bus

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	2	Used as a private school bus
0	0.0	3	Used as a school bus, public or private unknown
0	0.0	4	Used as a scheduled service bus
0	0.0	5	Used as a tour bus
0	0.0	6	Used as a commuter bus
0	0.0	7	Used as a shuttle bus
1	0.0	8	Modified for personal/private use
1	0.0	9	Unknown bus use

Variable	Name	Format	Type	Length
v172	GVWR	FGVWR	Numeric	3

GROSS VEHICLE WEIGHT RATING

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
276	6.3	0	Not applicable
1	0.0	1	10,000 lbs or less
526	12.1	2	10,001 – 26,000 lbs
3,539	81.3	3	26,001 lbs or more
10	0.2	9	Unknown

Variable	Name	Format	Type	Length
v173	EVENT #1	FSEQ04F	Numeric	3

EVENT #1 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	0	No event
35	0.8	1	Overturn/rollover
1	0.0	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
12	0.3	5	Fell/jumped from vehicle
0	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
4	0.1	7	Other non-collision
254	5.8	8	Pedestrian
74	1.7	9	Pedal cycle
14	0.3	10	Railway train
4	0.1	11	Live animal

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,187	73.2	12	Motor vehicle in-transport on same roadway
3	0.1	13	Motor vehicle in-transport on different roadway
20	0.5	14	Parked motor vehicle or vehicle stopped off roadway
6	0.1	15	Non-motorist on personal conveyance
1	0.0	16	Thrown or falling object
2	0.0	17	Boulder
8	0.2	18	Other object (not fixed)
0	0.0	19	Building
1	0.0	20	Impact attenuator/crash cushion
1	0.0	21	Bridge pier or abutment
0	0.0	22	Bridge parapet end
0	0.0	23	Bridge rail
6	0.1	24	Guardrail face
5	0.1	25	Concrete traffic barrier
0	0.0	26	Other traffic barrier
0	0.0	27	Highway/traffic sign post/sign
1	0.0	28	Overhead sign support/sign
0	0.0	29	Luminaire/light support
1	0.0	30	Utility pole
1	0.0	31	Other post, other pole or other supports
1	0.0	32	Culvert
2	0.0	33	Curb
1	0.0	34	Ditch
1	0.0	35	Embankment – earth
1	0.0	36	Embankment – rock, stone or concrete
0	0.0	37	Embankment – material type unknown
0	0.0	38	Fence
0	0.0	39	Wall
0	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
2	0.0	42	Tree (standing tree only)
0	0.0	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
3	0.1	45	Working motor vehicle (construction, maintenance or utility vehicle only)
0	0.0	46	Traffic signal support/signal
5	0.1	47	Vehicle occupant struck or run over by own vehicle
0	0.0	48	Snow bank
1	0.0	49	Ridden animal or animal-drawn conveyance

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	50	Bridge overhead structure
13	0.3	51	Jackknife
0	0.0	52	Guardrail end
0	0.0	53	Mail box
30	0.7	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
1	0.0	55	Motor vehicle in motion outside the trafficway
1	0.0	57	Cable Barrier
13	0.3	60	Cargo/equipment loss or shift (causing injury or damage)
12	0.3	61	Equipment failure (blown tire, brake failure, etc.)
3	0.1	62	Separation of units
291	6.7	63	Ran off road – right
128	2.9	64	Ran off road – left
197	4.5	65	Cross median/centerline
2	0.0	66	Downhill runaway
1	0.0	67	Vehicle went airborne
0	0.0	99	Unknown

Variable	Name	Format	Type	Length
v174	EVENT #2	FSEQ04F	Numeric	3

EVENT #2 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,435	56.0	0	No event
159	3.7	1	Overturn/rollover
94	2.2	2	Fire/explosion
1	0.0	5	Fell/jumped from vehicle
1	0.0	7	Other non-collision
41	0.9	8	Pedestrian
3	0.1	9	Pedal cycle
1	0.0	11	Live animal
334	7.7	12	Motor vehicle in-transport on same roadway
11	0.3	13	Motor vehicle in-transport on different roadway
27	0.6	14	Parked motor vehicle or vehicle stopped off roadway
4	0.1	18	Other object (not fixed)
4	0.1	21	Bridge pier or abutment
1	0.0	22	Bridge parapet end

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	0.1	23	Bridge rail
74	1.7	24	Guardrail face
20	0.5	25	Concrete traffic barrier
2	0.0	26	Other traffic barrier
19	0.4	27	Highway/traffic sign post/sign
4	0.1	29	Luminaire/light support
6	0.1	30	Utility pole
8	0.2	31	Other post, other pole or other supports
6	0.1	32	Culvert
7	0.2	33	Curb
23	0.5	34	Ditch
12	0.3	35	Embankment – earth
2	0.0	36	Embankment – rock, stone or concrete
9	0.2	37	Embankment – material type unknown
4	0.1	38	Fence
4	0.1	39	Wall
1	0.0	40	Fire hydrant
1	0.0	41	Shrubbery
38	0.9	42	Tree (standing tree only)
2	0.0	47	Vehicle occupant struck or run over by own vehicle
2	0.0	48	Snow bank
1	0.0	50	Bridge overhead structure
86	2.0	51	Jackknife
11	0.3	52	Guardrail end
3	0.1	53	Mail box
27	0.6	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
2	0.0	57	Cable Barrier
20	0.5	60	Cargo/equipment loss or shift (causing injury or damage)
2	0.0	61	Equipment failure (blown tire, brake failure, etc.)
6	0.1	62	Separation of units
412	9.5	63	Ran off road – right
262	6.0	64	Ran off road – left
151	3.5	65	Cross median/centerline
1	0.0	66	Downhill runaway
3	0.1	67	Vehicle went airborne

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v175	EVENT #3	FSEQ04F	Numeric	3

EVENT #3 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,193	73.4	0	No event
206	4.7	1	Overturn/rollover
77	1.8	2	Fire/explosion
4	0.1	3	Immersion
1	0.0	5	Fell/jumped from vehicle
2	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
25	0.6	8	Pedestrian
114	2.6	12	Motor vehicle in-transport on same roadway
9	0.2	13	Motor vehicle in-transport on different roadway
14	0.3	14	Parked motor vehicle or vehicle stopped off roadway
2	0.0	17	Boulder
3	0.1	19	Building
1	0.0	20	Impact attenuator/crash cushion
10	0.2	21	Bridge pier or abutment
12	0.3	23	Bridge rail
49	1.1	24	Guardrail face
18	0.4	25	Concrete traffic barrier
3	0.1	26	Other traffic barrier
12	0.3	27	Highway/traffic sign post/sign
1	0.0	28	Overhead sign support/sign
5	0.1	29	Luminaire/light support
17	0.4	30	Utility pole
7	0.2	31	Other post, other pole or other supports
10	0.2	32	Culvert
13	0.3	33	Curb
54	1.2	34	Ditch
16	0.4	35	Embankment – earth
19	0.4	37	Embankment – material type unknown
35	0.8	38	Fence
7	0.2	39	Wall
1	0.0	40	Fire hydrant
3	0.1	41	Shrubbery
62	1.4	42	Tree (standing tree only)
7	0.2	43	Other fixed object

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	45	Working motor vehicle (construction, maintenance or utility
4	0.1	46	Traffic signal support/signal
1	0.0	47	Vehicle occupant struck or run over by own vehicle
3	0.1	48	Snow bank
4	0.1	50	Bridge overhead structure
59	1.4	51	Jackknife
4	0.1	52	Guardrail end
6	0.1	53	Mail box
5	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
3	0.1	57	Cable Barrier
16	0.4	60	Cargo/equipment loss or shift (causing injury or damage)
14	0.3	62	Separation of units
55	1.3	63	Ran off road – right
112	2.6	64	Ran off road – left
40	0.9	65	Cross median/centerline
12	0.3	67	Vehicle went airborne

Variable	Name	Format	Type	Length
v176	EVENT #4	FSEQ04F	Numeric	3

EVENT #4 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,725	85.6	0	No event
128	2.9	1	Overturn/rollover
58	1.3	2	Fire/explosion
1	0.0	5	Fell/jumped from vehicle
1	0.0	7	Other non-collision
10	0.2	8	Pedestrian
47	1.1	12	Motor vehicle in-transport on same roadway
9	0.2	13	Motor vehicle in-transport on different roadway
8	0.2	14	Parked motor vehicle or vehicle stopped off roadway
3	0.1	17	Boulder
2	0.0	18	Other object (not fixed)
4	0.1	21	Bridge pier or abutment
1	0.0	22	Bridge parapet end
6	0.1	23	Bridge rail

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
27	0.6	24	Guardrail face
13	0.3	25	Concrete traffic barrier
8	0.2	27	Highway/traffic sign post/sign
2	0.0	28	Overhead sign support/sign
3	0.1	29	Luminaire/light support
14	0.3	30	Utility pole
4	0.1	31	Other post, other pole or other supports
1	0.0	32	Culvert
19	0.4	34	Ditch
9	0.2	35	Embankment – earth
1	0.0	36	Embankment – rock, stone or concrete
16	0.4	37	Embankment – material type unknown
30	0.7	38	Fence
6	0.1	39	Wall
1	0.0	40	Fire hydrant
2	0.0	41	Shrubbery
49	1.1	42	Tree (standing tree only)
3	0.1	43	Other fixed object
1	0.0	46	Traffic signal support/signal
3	0.1	50	Bridge overhead structure
20	0.5	51	Jackknife
1	0.0	52	Guardrail end
3	0.1	53	Mail box
9	0.2	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
14	0.3	60	Cargo/equipment loss or shift (causing injury or damage)
13	0.3	62	Separation of units
20	0.5	63	Ran off road – right
41	0.9	64	Ran off road – left
7	0.2	65	Cross median/centerline
9	0.2	67	Vehicle went airborne

Variable	Name	Format	Type	Length
v177	EVENT #5	FSEQ04F	Numeric	3

EVENT #5 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,065	93.4	0	No event
54	1.2	1	Overturn/rollover
38	0.9	2	Fire/explosion
6	0.1	3	Immersion
4	0.1	8	Pedestrian
25	0.6	12	Motor vehicle in-transport on same roadway
4	0.1	13	Motor vehicle in-transport on different roadway
4	0.1	14	Parked motor vehicle or vehicle stopped off roadway
3	0.1	19	Building
1	0.0	21	Bridge pier or abutment
6	0.1	24	Guardrail face
3	0.1	25	Concrete traffic barrier
1	0.0	27	Highway/traffic sign post/sign
1	0.0	29	Luminaire/light support
8	0.2	30	Utility pole
1	0.0	31	Other post, other pole or other supports
1	0.0	32	Culvert
2	0.0	33	Curb
9	0.2	34	Ditch
2	0.0	35	Embankment – earth
1	0.0	36	Embankment – rock, stone or concrete
4	0.1	37	Embankment – material type unknown
12	0.3	38	Fence
3	0.1	39	Wall
26	0.6	42	Tree (standing tree only)
1	0.0	43	Other fixed object
1	0.0	50	Bridge overhead structure
17	0.4	51	Jackknife
1	0.0	52	Guardrail end
2	0.0	53	Mail box
4	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
14	0.3	60	Cargo/equipment loss or shift (causing injury or damage)
5	0.1	62	Separation of units

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	0.1	63	Ran off road – right
11	0.3	64	Ran off road – left
4	0.1	65	Cross median/centerline
5	0.1	67	Vehicle went airborne

Variable	Name	Format	Type	Length
v178	EVENT #6	FSEQ04F	Numeric	3

EVENT #6 RELATED TO THIS MOTOR VEHICLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,229	97.2	0	No event
18	0.4	1	Overturn/rollover
31	0.7	2	Fire/explosion
2	0.0	3	Immersion
1	0.0	7	Other non-collision
3	0.1	8	Pedestrian
11	0.3	12	Motor vehicle in-transport on same roadway
2	0.0	13	Motor vehicle in-transport on different roadway
6	0.1	14	Parked motor vehicle or vehicle stopped off roadway
1	0.0	19	Building
1	0.0	21	Bridge pier or abutment
4	0.1	24	Guardrail face
1	0.0	25	Concrete traffic barrier
3	0.1	27	Highway/traffic sign post/sign
1	0.0	28	Overhead sign support/sign
1	0.0	30	Utility pole
1	0.0	34	Ditch
1	0.0	35	Embankment – earth
1	0.0	36	Embankment – rock, stone or concrete
4	0.1	37	Embankment – material type unknown
3	0.1	38	Fence
10	0.2	42	Tree (standing tree only)
1	0.0	43	Other fixed object
1	0.0	51	Jackknife
1	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
6	0.1	60	Cargo/equipment loss or shift (causing injury or damage)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	0.1	62	Separation of units
2	0.0	63	Ran off road – right
3	0.1	64	Ran off road – left

Variable	Name	Format	Type	Length
v179	HAZARDOUS MATERIAL CLASS NUMBER	FHAZ4F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,210	96.7	0	Not applicable
5	0.1	1	Explosives
13	0.3	2	Gases
73	1.7	3	Flammable liquid and combustible liquid
2	0.0	4	Flammable solid, spontaneously combustible, and dangerous when wet
3	0.1	5	Oxidizers and organic peroxide
1	0.0	6	Poison (toxic) and poison inhalation hazard
13	0.3	8	Corrosive
7	0.2	9	Miscellaneous
1	0.0	21	21
1	0.0	30	30
23	0.5	88	Not reported

Variable	Name	Format	Type	Length
v180	HAZARDOUS MATERIAL ID NUMBER	FHAZ3F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,210	96.7	0	Not applicable
1	0.0	1005	
		-	Hazardous material identification number
3	0.1	3264	
38	0.9	8888	Not reported

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

Variable	Name	Format	Type	Length
v181	HAZARDOUS MATERIAL INVOLVEMENT	FHAZ07F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,210	96.7	1	No
142	3.3	2	Yes

Variable	Name	Format	Type	Length
v182	HAZARDOUS MATERIAL PLACARD	FHAZ2F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,210	96.7	0	Not applicable
3	0.1	1	No
127	2.9	2	Yes
12	0.3	8	Not reported

Variable	Name	Format	Type	Length
v183	HAZARDOUS MATERIAL RELEASED	FHAZ2F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,210	96.7	0	Not applicable
77	1.8	1	No
42	1.0	2	Yes
23	0.5	8	Not reported

Variable	Name	Format	Type	Length
v184	MCID ISSUING AUTHORITY	FSTATES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
276	6.3	0	Not applicable
15	0.3	1	
		-	FARS state code
62	1.4	56	
2,720	62.5	57	US DOT
67	1.5	58	MC/MX (ICC)
267	6.1	88	None
3	0.1	95	Canada
359	8.2	99	Unknown

Variable	Name	Format	Type	Length
v185	MCID IDENTIFICATION NUMBER		Char	9

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0		
1	0.0	000001307	
		-	MCID identification number
1	0.0	MR000062	
276	6.3	000000000	Not applicable
273	6.3	888888888	None
581	13.4	999999999	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

The DRIVER Variables

Variables 207 through 236 describe the driver of the truck involved in the accident.

Variable	Name	Format	Type	Length
v207	DRIVER PRESENCE	FDRIVER	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,291	98.6	1	Driver-operated vehicle
47	1.1	2	Driverless
14	0.3	3	Driver left scene
0	0.0	4	Motor vehicle not in-transport (parked/stopped off roadway/working motor vehicle)

Variable	Name	Format	Type	Length
v208	DRIVER DRINKING	FDRIVEDR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,215	96.9	0	No (alcohol not involved)
137	3.1	1	Yes (alcohol involved)

Variable	Name	Format	Type	Length
v209	LICENSE STATE	FSTATES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
112	2.6	1	Alabama
5	0.1	2	Alaska
64	1.5	4	Arizona
78	1.8	5	Arkansas
335	7.7	6	California
58	1.3	8	Colorado
19	0.4	9	Connecticut
11	0.3	10	Delaware
1	0.0	11	District of Columbia
315	7.2	12	Florida
217	5.0	13	Georgia
5	0.1	15	Hawaii
27	0.6	16	Idaho
162	3.7	17	Illinois

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
94	2.2	18	Indiana
68	1.6	19	Iowa
50	1.1	20	Kansas
97	2.2	21	Kentucky
93	2.1	22	Louisiana
24	0.6	23	Maine
56	1.3	24	Maryland
21	0.5	25	Massachusetts
118	2.7	26	Michigan
79	1.8	27	Minnesota
87	2.0	28	Mississippi
120	2.8	29	Missouri
26	0.6	30	Montana
34	0.8	31	Nebraska
17	0.4	32	Nevada
12	0.3	33	New Hampshire
57	1.3	34	New Jersey
26	0.6	35	New Mexico
115	2.6	36	New York
163	3.7	37	North Carolina
18	0.4	38	North Dakota
148	3.4	39	Ohio
111	2.6	40	Oklahoma
38	0.9	41	Oregon
175	4.0	42	Pennsylvania
4	0.1	44	Rhode Island
80	1.8	45	South Carolina
17	0.4	46	South Dakota
97	2.2	47	Tennessee
459	10.5	48	Texas
33	0.8	49	Utah
7	0.2	50	Vermont
81	1.9	51	Virginia
66	1.5	53	Washington
23	0.5	54	West Virginia
78	1.8	55	Wisconsin
13	0.3	56	Wyoming
1	0.0	94	US Government
50	1.1	95	Canada

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
9	0.2	96	Mexico
6	0.1	97	Other Country
72	1.7	99	Unknown

Variable	Name	Format	Type	Length
v210A	NON-CDL LICENSE TYPE	FLTYPF	Numeric	3

NON-COMMERCIAL DRIVER LICENSE TYPE, REGARDLESS OF VEHICLE DRIVEN

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
22	0.5	0	Not licensed
4,188	96.2	1	Full driver license
2	0.0	2	Intermediate driver license
1	0.0	7	Learner's permit
139	3.2	9	Unknown license type

Variable	Name	Format	Type	Length
v210B	NON-CDL LICENSE STATUS	FLST93F	Numeric	3

NON-COMMERCIAL DRIVER LICENSE STATUS, REGARDLESS OF VEHICLE DRIVEN

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
22	0.5	0	Not licensed
40	0.9	1	Suspended
3	0.1	2	Revoked
10	0.2	3	Expired
2	0.0	4	Canceled or denied
4,135	95.0	6	Valid
140	3.2	9	Unknown license status

Variable	Name	Format	Type	Length
v211	LICENSE CLASS COMPLIANCE	FCOM87F	Numeric	3

LICENSE COMPLIANCE (FOR THIS CLASS VEHICLE)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
22	0.5	0	Not licensed
128	2.9	2	No valid license for this class vehicle
4,043	92.9	3	Valid license for this class vehicle

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
13	0.3	8	Unknown if commercial driver license and/or commercial driver license endorsement required for this vehicle
146	3.4	9	Unknown

Variable	Name	Format	Type	Length
v212	CDL LICENSE STATUS	FCDL93F	Numeric	3

COMMERCIAL MOTOR VEHICLE LICENSE STATUS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
634	14.6	0	No (commercial driver license)
28	0.6	1	Suspended
2	0.0	2	Revoked
21	0.5	3	Expired
1	0.0	4	Canceled or denied
4	0.1	5	Disqualified
3,494	80.3	6	Valid
9	0.2	7	Learner's permit
10	0.2	8	Other – not valid
149	3.4	9	Unknown

Variable	Name	Format	Type	Length
v213	LICENSE ENDORSEMENTS	FEND91F	Numeric	3

COMPLIANCE WITH LICENSE ENDORSEMENTS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,819	64.8	0	No endorsements required for this vehicle
948	21.8	1	Endorsement(s) required, complied with
26	0.6	2	Endorsement(s) required, not complied with
306	7.0	3	Endorsement(s) required, compliance unknown
253	5.8	9	Unknown if required

Variable	Name	Format	Type	Length
v214	LICENSE RESTRICTIONS MET	FLREST	Numeric	3

COMPLIANCE WITH LICENSE RESTRICTIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,950	67.8	0	No restrictions or not applicable
302	6.9	1	Restrictions complied with
16	0.4	2	Restrictions not complied with
922	21.2	3	Restrictions, compliance unknown
162	3.7	9	Unknown

Variable	Name	Format	Type	Length
v216	NUMBER OF PREV ACCIDENTS	FNOPAC	Numeric	3

NUMBER OF PREVIOUS ACCIDENTS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,325	76.4	0	0 accidents
470	10.8	1	1 accident
75	1.7	2	2 accidents
8	0.2	3	3 accidents
6	0.1	4	4 accidents
2	0.0	5	5 accidents
284	6.5	98	Accidents not reported on driving record
182	4.2	99	Unknown

Variable	Name	Format	Type	Length
v217	NUMBER PREV SUSPENSIONS	FNOPSUS	Numeric	3

NUMBER OF PREVIOUS SUSPENSIONS/REVOCATIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,867	88.9	0	0 suspensions
185	4.3	1	1 suspension
68	1.6	2	2 suspensions
24	0.6	3	3 suspensions
15	0.3	4	4 suspensions
3	0.1	5	5 suspensions
1	0.0	6	6 suspensions

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	7	7 suspensions
3	0.1	8	8 suspensions
2	0.0	12	12 suspensions
182	4.2	99	Unknown

Variable	Name	Format	Type	Length
v218	NUMBER OF PREV DWI CONV	FNODWI	Numeric	3

NUMBER OF PREVIOUS DRIVING WHILE INTOXICATED CONVICTIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,145	95.2	0	0 driving while intoxicated convictions
19	0.4	1	1 driving while intoxicated conviction
5	0.1	2	2 driving while intoxicated convictions
1	0.0	3	3 driving while intoxicated convictions
182	4.2	99	Unknown

Variable	Name	Format	Type	Length
v219	NUM PREV SPEEDING CONV	FNOPSPD	Numeric	3

NUMBER OF PREVIOUS SPEEDING CONVICTIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,178	73.0	0	0 speed convictions
728	16.7	1	1 speed conviction
197	4.5	2	2 speed convictions
48	1.1	3	3 speed convictions
12	0.3	4	4 speed convictions
5	0.1	5	5 speed convictions
1	0.0	6	6 speed convictions
1	0.0	7	7 speed convictions
182	4.2	99	Unknown

Variable	Name	Format	Type	Length
v220	NUM PREV OTHER MV CONV	FNOPOTH	Numeric	3

NUMBER OF PREVIOUS OTHER HARMFUL MOVING VIOLATIONS CONVICTIONS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,091	71.0	0	0 other convictions
727	16.7	1	1 other conviction
227	5.2	2	2 other convictions
80	1.8	3	3 other convictions
28	0.6	4	4 other convictions
7	0.2	5	5 other convictions
6	0.1	6	6 other convictions
1	0.0	7	7 other convictions
1	0.0	8	8 other convictions
2	0.0	11	11 other convictions
182	4.2	99	Unknown

Variable	Name	Format	Type	Length
v221	LAST ACCIDENT – MONTH	FACMONTH	Numeric	3

LAST ACCIDENT/SUSPENSION/CONVICTION – MONTH

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,158	49.6	0	No record
164	3.8	1	January
165	3.8	2	February
165	3.8	3	March
151	3.5	4	April
183	4.2	5	May
166	3.8	6	June
185	4.3	7	July
162	3.7	8	August
161	3.7	9	September
175	4.0	10	October
171	3.9	11	November
164	3.8	12	December
182	4.2	99	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

Variable	Name	Format	Type	Length
v222	LAST ACCIDENT – YEAR		Numeric	4

LAST ACCIDENT/SUSPENSION/CONVICTION – YEAR

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,158	49.6	0	No record
163	3.7	2005	2005
490	11.3	2006	2006
783	18.0	2007	2007
576	13.2	2008	2008
182	4.2	9999	Unknown

Variable	Name	Format	Type	Length
v223	FIRST ACCIDENT – MONTH	FACMONTH	Numeric	3

LAST ACCIDENT/SUSPENSION/CONVICTION – MONTH

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,158	49.6	0	No record
169	3.9	1	January
169	3.9	2	February
177	4.1	3	March
157	3.6	4	April
199	4.6	5	May
147	3.4	6	June
179	4.1	7	July
183	4.2	8	August
156	3.6	9	September
160	3.7	10	October
156	3.6	11	November
160	3.7	12	December
182	4.2	99	Unknown

Variable	Name	Format	Type	Length
v224	FIRST ACCIDENT – YEAR		Numeric	4

FIRST ACCIDENT/SUSPENSION/CONVICTION – YEAR

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,158	49.6	0	No record
410	9.4	2005	2005
822	18.9	2006	2006
539	12.4	2007	2007
241	5.5	2008	2008
182	4.2	9999	Unknown

Variable	Name	Format	Type	Length
v227	DRIVER RELATED FACTORS#1	FDRF02F	Numeric	3

FACTORS AT DRIVER LEVEL – RESPONSE #1

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,701	62.1	0	None

Physical/mental condition

42	1.0	1	Drowsy, sleepy, asleep, fatigued
18	0.4	2	Ill, passed out/blackout
0	0.0	3	Emotional (e.g., depression, angry, disturbed)
0	0.0	4	Reaction to or failure to take drugs/medication
68	1.6	5	Under the influence of alcohol, drugs or medication
205	4.7	6	Careless/inattentive
0	0.0	7	Restricted to wheelchair
1	0.0	8	Aggressive driving/road rage
0	0.0	9	Impaired due to previous injury
0	0.0	11	Other physical impairment (includes paraplegic)
0	0.0	12	Mother of dead fetus
0	0.0	13	Mentally challenged

Miscellaneous factors

0	0.0	15	Seat back not in normal upright position, seat back reclined
0	0.0	16	Police or law enforcement officer
1	0.0	18	Traveling on prohibited trafficways
0	0.0	19	Legally driving on suspended or revoked license

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
24	0.6	20	Leaving vehicle unattended with engine running
12	0.3	21	Overloading/improper loading of vehicle with passengers or cargo
1	0.0	22	Towing or pushing improperly
2	0.0	23	Failing to dim lights or to have lights on when required
8	0.2	24	Operating without required equipment
56	1.3	26	Following improperly
17	0.4	27	Improper or erratic lane changing
283	6.5	28	Failure to keep in proper lane
18	0.4	29	Illegal driving on road shoulder, ditch, sidewalk, median
1	0.0	30	Making improper entry to or exit from trafficway
12	0.3	31	Starting or backing improperly
0	0.0	32	Opening closure into moving traffic or while vehicle is in motion
9	0.2	33	Passing where prohibited by posted signs, school bus warning, etc.
2	0.0	34	Passing on wrong side
7	0.2	35	Passing with insufficient distance/inadequate visibility; failing to yield to overtaking vehicle
14	0.3	36	Operating vehicle in an erratic, reckless, negligent manner
0	0.0	37	Police pursuing this driver or police officer in pursuit
145	3.3	38	Failure to yield right-of-way
72	1.7	39	Failure to obey traffic signs, control devices, officers, etc.
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings/instructions on vehicle displaying them
0	0.0	42	Failure to signal intentions
141	3.2	43	Driving too fast for conditions
82	1.9	44	Driving in excess of posted maximum
6	0.1	45	Driving less than posted minimum
0	0.0	46	Racing
3	0.1	47	Making right turn from left turn lane; or left turn from right turn lane
41	0.9	48	Making other improper turn
0	0.0	50	Driving wrong way in one-way traffic
3	0.1	51	Driving on wrong side of road (intentional or unintentional)
1	0.0	52	Operator inexperience
1	0.0	53	Unfamiliar with roadway
21	0.5	54	Stopped in roadway (vehicle not abandoned)
0	0.0	55	Underriding a parked truck
0	0.0	57	Locked wheel

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

Page 79

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
20	0.5	58	Overcorrecting
0	0.0	59	Getting off/out of or on/into vehicle
Vision obscured by:			
24	0.6	61	Rain, snow, fog, smoke, sand, dust
3	0.1	62	Reflected glare, bright sunlight, headlights
4	0.1	63	Curve, hill, design features (including traffic signs, embankment)
1	0.0	64	Building, billboard, other structures
1	0.0	65	Trees, crops, vegetation
0	0.0	66	Motor vehicle (including load)
1	0.0	67	Parked vehicle
0	0.0	68	Splash or spray of passing vehicle
0	0.0	69	Inadequate defrost or defog system
1	0.0	70	Inadequate lighting system
1	0.0	71	Obstructing angles on vehicle
0	0.0	72	Mirrors
0	0.0	75	Broken or improperly cleaned windshield
3	0.1	76	Other visual obstruction
Skidding, swerving, sliding due to:			
1	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
2	0.0	79	Slippery or loose surface
8	0.2	80	Tire blow-out or flat
3	0.1	81	Debris or objects in road
0	0.0	82	Ruts, holes, bumps in road
2	0.0	83	Live animals in road
14	0.3	84	Vehicle in road
3	0.1	85	Phantom vehicle
7	0.2	86	Pedestrian, pedalcyclist, or other nonmotorist
36	0.8	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
1	0.0	88	Trailer fishtailing or swaying
Special circumstances			
0	0.0	73	Driver not complied with learner's permit/intermediate driver license restrictions
9	0.2	74	Driver not complied with physical/other imposed restrictions
5	0.1	89	Hauling hazardous material improperly

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
28	0.6	90	Hit and run vehicle, driver
8	0.2	91	Nontraffic violation charged – manslaughter, homicide, other
37	0.9	92	Other nonmoving traffic violations

Possible distractions (inside vehicle)

61	1.4	93	Cellular phone present in vehicle
6	0.1	94	Cellular phone in use in vehicle
0	0.0	95	Computer/fax machines/printers
0	0.0	96	On-board navigation system
0	0.0	97	Two-way radio
0	0.0	98	Head-up display
44	1.0	99	Unknown

Variable	Name	Format	Type	Length
v228	DRIVER RELATED FACTORS#2	FDRF02F	Numeric	3

FACTORS AT DRIVER LEVEL – RESPONSE #2

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,634	83.5	0	None

Physical/mental condition

24	0.6	1	Drowsy, sleepy, asleep, fatigued
5	0.1	2	Ill, passed out/blackout
20	0.5	5	Under the influence of alcohol, drugs or medication
53	1.2	6	Careless/inattentive

Miscellaneous factors

4	0.1	20	Leaving vehicle unattended with engine running
4	0.1	21	Overloading/improper loading of vehicle with passengers or cargo
6	0.1	24	Operating without required equipment
15	0.3	26	Following improperly
9	0.2	27	Improper or erratic lane changing
148	3.4	28	Failure to keep in proper lane
1	0.0	29	Illegal driving on road shoulder, ditch, sidewalk, median
2	0.0	30	Making improper entry to or exit from trafficway
3	0.1	31	Starting or backing improperly

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	33	Passing where prohibited by posted signs, school bus warning, etc.
3	0.1	35	Passing with insufficient distance/inadequate visibility; failing to yield to overtaking vehicle
20	0.5	36	Operating vehicle in an erratic, reckless, negligent manner
1	0.0	37	Police pursuing this driver or police officer in pursuit
21	0.5	38	Failure to yield right-of-way
26	0.6	39	Failure to obey traffic signs, control devices, officers, etc.
2	0.0	41	Failure to observe warnings/instructions on vehicle displaying them
54	1.2	43	Driving too fast for conditions
47	1.1	44	Driving in excess of posted maximum
1	0.0	45	Driving less than posted minimum
13	0.3	48	Making other improper turn
8	0.2	51	Driving on wrong side of road (intentional or unintentional)
2	0.0	52	Operator inexperience
3	0.1	53	Unfamiliar with roadway
4	0.1	54	Stopped in roadway (vehicle not abandoned)
29	0.7	58	Overcorrecting

Vision obscured by:

18	0.4	61	Rain, snow, fog, smoke, sand, dust
3	0.1	62	Reflected glare, bright sunlight, headlights
3	0.1	63	Curve, hill, design features (including traffic signs, embankment)
1	0.0	65	Trees, crops, vegetation
3	0.1	66	Motor vehicle (including load)
1	0.0	70	Inadequate lighting system
1	0.0	71	Obstructing angles on vehicle
1	0.0	76	Other visual obstruction

Skidding, swerving, sliding due to:

2	0.0	77	Severe crosswind
3	0.1	80	Tire blow-out or flat
4	0.1	83	Live animals in road
8	0.2	84	Vehicle in road
1	0.0	85	Phantom vehicle
1	0.0	86	Pedestrian, pedalcyclist, or other nonmotorist
23	0.5	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
1	0.0	88	Trailer fishtailing or swaying

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Special circumstances			
3	0.1	74	Driver not complied with physical/other imposed restrictions
2	0.0	89	Hauling hazardous material improperly
5	0.1	90	Hit and run vehicle, driver
12	0.3	91	Nontraffic violation charged – manslaughter, homicide, other
16	0.4	92	Other nonmoving traffic violations
Possible distractions (inside vehicle)			
30	0.7	93	Cellular phone present in vehicle
1	0.0	94	Cellular phone in use in vehicle
44	1.0	99	Unknown

Variable	Name	Format	Type	Length
v229	DRIVER RELATED FACTORS#3	FDRF02F	Numeric	3

FACTORS AT DRIVER LEVEL – RESPONSE #3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,114	94.5	0	None
Physical/mental condition			
3	0.1	1	Drowsy, sleepy, asleep, fatigued
9	0.2	5	Under the influence of alcohol, drugs or medication
6	0.1	6	Careless/inattentive
Miscellaneous factors			
8	0.2	24	Operating without required equipment
1	0.0	26	Following improperly
1	0.0	27	Improper or erratic lane changing
34	0.8	28	Failure to keep in proper lane
1	0.0	29	Illegal driving on road shoulder, ditch, sidewalk, median
1	0.0	33	Passing where prohibited by posted signs, school bus warning, etc.
5	0.1	36	Operating vehicle in an erratic, reckless, negligent manner
5	0.1	38	Failure to yield right-of-way
6	0.1	39	Failure to obey traffic signs, control devices, officers, etc.

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	41	Failure to observe warnings/instructions on vehicle displaying them
11	0.3	43	Driving too fast for conditions
12	0.3	44	Driving in excess of posted maximum
5	0.1	48	Making other improper turn
5	0.1	51	Driving on wrong side of road (intentional or unintentional)
1	0.0	52	Operator inexperience
3	0.1	53	Unfamiliar with roadway
1	0.0	55	Underriding a parked truck
1	0.0	57	Locked wheel
18	0.4	58	Overcorrecting
Vision obscured by:			
11	0.3	61	Rain, snow, fog, smoke, sand, dust
1	0.0	63	Curve, hill, design features (including traffic signs, embankment)
1	0.0	65	Trees, crops, vegetation
1	0.0	80	Tire blow-out or flat
2	0.0	84	Vehicle in road
8	0.2	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
Special circumstances			
3	0.1	74	Driver not complied with physical/other imposed restrictions
1	0.0	89	Hauling hazardous material improperly
2	0.0	90	Hit and run vehicle, driver
6	0.1	91	Nontraffic violation charged – manslaughter, homicide, other
6	0.1	92	Other nonmoving traffic violations
Possible distractions (inside vehicle)			
9	0.2	93	Cellular phone present in vehicle
4	0.1	94	Cellular phone in use in vehicle
44	1.0	99	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

Variable	Name	Format	Type	Length
v230	DRIVER RELATED FACTORS#4	FDRF02F	Numeric	3

FACTORS AT DRIVER LEVEL – RESPONSE #4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,262	97.9	0	None
Physical/mental condition			
2	0.0	1	Drowsy, sleepy, asleep, fatigued
1	0.0	2	Ill, passed out/blackout
3	0.1	5	Under the influence of alcohol, drugs or medication
3	0.1	6	Careless/inattentive
Miscellaneous factors			
1	0.0	26	Following improperly
9	0.2	28	Failure to keep in proper lane
1	0.0	33	Passing where prohibited by posted signs, school bus warning, etc.
1	0.0	38	Failure to yield right-of-way
1	0.0	39	Failure to obey traffic signs, control devices, officers, etc.
2	0.0	43	Driving too fast for conditions
3	0.1	44	Driving in excess of posted maximum
2	0.0	48	Making other improper turn
1	0.0	51	Driving on wrong side of road (intentional or unintentional)
1	0.0	57	Locked wheel
1	0.0	58	Overcorrecting
Vision obscured by:			
1	0.0	61	Rain, snow, fog, smoke, sand, dust
Skidding, swerving, sliding due to:			
4	0.1	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
Special circumstances			
1	0.0	74	Driver not complied with physical/other imposed restrictions
1	0.0	89	Hauling hazardous material improperly
1	0.0	91	Nontraffic violation charged – manslaughter, homicide, other
4	0.1	92	Other nonmoving traffic violations

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Possible distractions (inside vehicle)			
1	0.0	93	Cellular phone present in vehicle
1	0.0	94	Cellular phone in use in vehicle
44	1.0	99	Unknown

Variable	Name	Format	Type	Length
v231	VIOLATIONS CHARGED#1	FVCHG97F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,847	88.4	0	None

Reckless/careless/hit-and-run type offenses

88	2.0	1	Manslaughter or homicide
5	0.1	2	Willful reckless driving; driving to endanger; negligent driving
10	0.2	3	Unsafe reckless (not willful, wanton reckless) driving
45	1.0	4	Inattentive, careless, improper driving
0	0.0	5	Fleeing or eluding police
0	0.0	6	Fail to obey police, fireman, authorized person directing traffic
6	0.1	7	Hit-and-run, fail to stop after accident
1	0.0	8	Fail to give aid, information, wait for police after accident
4	0.1	9	Serious violation resulting in death

Impairment offenses

10	0.2	11	Driving while intoxicated (alcohol or drugs) or blood alcohol limit above limit (any detectable blood alcohol limit for commercial drivers)
4	0.1	12	Driving while impaired
0	0.0	13	Driving under influence of substance not intended to intoxicate
0	0.0	14	Drinking while operating
2	0.0	15	Illegal possession of alcohol or drugs
1	0.0	16	Driving with detectable alcohol
0	0.0	18	Refusal to submit to chemical test
2	0.0	19	Alcohol, drug, or impairment violations generally

Speed-related offenses

0	0.0	21	Racing
10	0.2	22	Speeding (above the speed limit)

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
29	0.7	23	Speed greater than reasonable and prudent (not necessarily over the limit)
0	0.0	24	Exceed special speed limit (e.g.: for trucks, buses, cycles, or on bridge, in school zone, etc.)
0	0.0	25	Energy speed (exceeding 55 MPH, non-pointable)
0	0.0	26	Driving too slowly
3	0.1	29	Speed related violations, generally

Rules of the road – traffic signs and signals

2	0.0	31	Fail to stop for red signal
0	0.0	32	Fail to stop for flashing red
1	0.0	33	Violation of turn on red (fail to stop and yield; yield to pedestrians before turning)
0	0.0	34	Fail to obey flashing signal (yellow or red)
2	0.0	35	Fail to obey signal generally
0	0.0	36	Violate railroad grade crossing device/regulations
7	0.2	37	Fail to obey stop sign
2	0.0	38	Fail to obey yield sign
1	0.0	39	Fail to obey traffic control device

Rules of the road – turning, yielding, signaling

3	0.1	41	Turn in violation of traffic control (disobey signs, turn arrow or pavement markings; this is not a right-on-red violation)
5	0.1	42	Improper method and position of turn (too wide, wrong lane)
1	0.0	43	Fail to signal for turn or stop
1	0.0	45	Fail to yield to emergency vehicle
44	1.0	46	Fail to yield, generally
0	0.0	48	Enter intersection when space insufficient
5	0.1	49	Turn, yield, signaling violations, generally

Rules of the road – wrong side, passing, and following

0	0.0	51	Driving wrong way on one-way road
5	0.1	52	Driving on left, wrong side of road, generally
4	0.1	53	Improper, unsafe passing
0	0.0	54	Pass on right (drive off pavement to pass)
0	0.0	55	Pass stopped school bus
1	0.0	56	Fail to give way when overtaken
8	0.2	58	Following too closely
0	0.0	59	Wrong side, passing, following violations, generally

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Rules of the road – lane usage			
5	0.1	61	Unsafe or prohibited lane change
0	0.0	62	Improper use of lane (enter of 3-lane road, high occupancy vehicle designated lane)
0	0.0	63	Certain traffic to use right lane (trucks, slow moving, etc.)
0	0.0	66	Motorcycle lane violations (more than two per lane, riding between lanes, etc.)
0	0.0	67	Motorcyclist attached to another vehicle
5	0.1	69	Lane violations, generally
Non-moving – license and registration violations			
5	0.1	71	Driving while license withdrawn (including violation of provisions of work permit)
8	0.2	72	Other driver license violations
17	0.4	73	Commercial driver violations (log book, hours, permits carried)
6	0.1	74	Vehicle registration violations
1	0.0	75	Fail to carry insurance card
2	0.0	76	Driving uninsured vehicle
6	0.1	79	Non-moving violations, generally
Equipment			
0	0.0	81	Lamp violations
2	0.0	82	Brake violations
5	0.1	83	Failure to require restraint use (by self or passengers)
0	0.0	84	Motorcycle equipment violations (helmet, special equipment)
0	0.0	85	Violation of hazardous cargo regulations
8	0.2	86	Size, weight, load violations
3	0.1	89	Equipment violations, generally
Other violations			
0	0.0	91	Parking
0	0.0	92	Theft, unauthorized use of motor vehicle
3	0.1	93	Driving where prohibited (sidewalk, limited access, off truck route)
3	0.1	98	Other moving violation (coasting, backing, opening door)
114	2.6	99	Unknown violation

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

Variable	Name	Format	Type	Length
v232	VIOLATIONS CHARGED#2	FVCHG97F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,149	95.3	0	None
Reckless/careless/hit-and-run type offenses			
5	0.1	1	Manslaughter or homicide
4	0.1	2	Willful reckless driving; driving to endanger; negligent driving
5	0.1	3	Unsafe reckless (not willful, wanton reckless) driving
4	0.1	4	Inattentive, careless, improper driving
3	0.1	7	Hit-and-run, fail to stop after accident
2	0.0	8	Fail to give aid, information, wait for police after accident
Impairment offenses			
8	0.2	11	Driving while intoxicated (alcohol or drugs) or blood alcohol limit above limit (any detectable blood alcohol limit for commercial drivers)
1	0.0	12	Driving while impaired
1	0.0	13	Driving under influence of substance not intended to intoxicate
Speed-related offenses			
2	0.0	22	Speeding (above the speed limit)
4	0.1	23	Speed greater than reasonable and prudent (not necessarily over the limit)
1	0.0	24	Exceed special speed limit (e.g.: for trucks, buses, cycles, or on bridge, in school zone, etc.)
1	0.0	29	Speed related violations, generally
Rules of the road – traffic signs and signals			
1	0.0	35	Fail to obey signal generally
2	0.0	37	Fail to obey stop sign
1	0.0	39	Fail to obey traffic control device
Rules of the road – turning, yielding, signaling			
2	0.0	42	Improper method and position of turn (too wide, wrong lane)
1	0.0	45	Fail to yield to emergency vehicle
7	0.2	46	Fail to yield, generally
2	0.0	49	Turn, yield, signaling violations, generally

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Rules of the road – wrong side, passing, and following			
2	0.0	52	Driving on left, wrong side of road, generally
1	0.0	53	Improper, unsafe passing
1	0.0	58	Following too closely
Rules of the road – lane usage			
1	0.0	62	Improper use of lane (enter of 3-lane road, high occupancy vehicle designated lane)
4	0.1	69	Lane violations, generally
Non-moving – license and registration violations			
1	0.0	71	Driving while license withdrawn (including violation of provisions of work permit)
5	0.1	72	Other driver license violations
6	0.1	73	Commercial driver violations (log book, hours, permits carried)
3	0.1	74	Vehicle registration violations
2	0.0	76	Driving uninsured vehicle
6	0.1	79	Non-moving violations, generally
Equipment			
2	0.0	83	Failure to require restraint use (by self or passengers)
1	0.0	86	Size, weight, load violations
2	0.0	89	Equipment violations, generally
Other violations			
4	0.1	98	Other moving violation (coasting, backing, opening door)
105	2.4	99	Unknown violation

Variable	Name	Format	Type	Length
v233	VIOLATIONS CHARGED#3	FVCHG97F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,217	96.9	0	None

Reckless/careless/hit-and-run type offenses			
1	0.0	3	Unsafe reckless (not willful, wanton reckless) driving
1	0.0	6	Fail to obey police, fireman, authorized person directing traffic
2	0.0	7	Hit-and-run, fail to stop after accident

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	9	Serious violation resulting in death
Impairment offenses			
1	0.0	12	Driving while impaired
1	0.0	15	Illegal possession of alcohol or drugs
Speed-related offenses			
1	0.0	22	Speeding (above the speed limit)
1	0.0	29	Speed related violations, generally
Rules of the road – traffic signs and signals			
2	0.0	31	Fail to stop for red signal
1	0.0	37	Fail to obey stop sign
Rules of the road – turning, yielding, signaling			
1	0.0	42	Improper method and position of turn (too wide, wrong lane)
1	0.0	46	Fail to yield, generally
Rules of the road – wrong side, passing, and following			
1	0.0	52	Driving on left, wrong side of road, generally
1	0.0	58	Following too closely
Rules of the road – lane usage			
1	0.0	61	Unsafe or prohibited lane change
3	0.1	69	Lane violations, generally
Non-moving – license and registration violations			
1	0.0	72	Other driver license violations
1	0.0	74	Vehicle registration violations
1	0.0	76	Driving uninsured vehicle
3	0.1	79	Non-moving violations, generally
Equipment			
1	0.0	83	Failure to require restraint use (by self or passengers)
1	0.0	86	Size, weight, load violations
Other violations			
1	0.0	98	Other moving violation (coasting, backing, opening door)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
106	2.4	99	Unknown violation

Variable	Name	Format	Type	Length
v235	DRIVER HEIGHT (INCHES)		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	36	
		-	Actual inches
1	0.0	83	
214	4.9	99	Unknown

Variable	Name	Format	Type	Length
v236	DRIVER WEIGHT		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	105	
		-	Actual weight in pounds
1	0.0	450	
1,095	25.2	999	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

The OCCUPANT Variables

Variables 306 through 363 describe the occupant of the truck (i.e., the driver) and are obtained from the FARS occupant file.

Variable	Name	Format	Type	Length
v306	OCCUPANT NUMBER		Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
48	1.1	0	Not a motor vehicle occupant
4,304	98.9	1	Occupant #1

Variable	Name	Format	Type	Length
v308	OCCUPANT AGE	FOCCAGE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	16	16 years
3	0.1	17	17 years
5	0.1	18	18 years
10	0.2	19	19 years
17	0.4	20	20 years
32	0.7	21	21 years
30	0.7	22	22 years
34	0.8	23	23 years
53	1.2	24	24 years
56	1.3	25	25 years
61	1.4	26	26 years
62	1.4	27	27 years
62	1.4	28	28 years
68	1.6	29	29 years
62	1.4	30	30 years
77	1.8	31	31 years
84	1.9	32	32 years
75	1.7	33	33 years
109	2.5	34	34 years
104	2.4	35	35 years
106	2.4	36	36 years
119	2.7	37	37 years
100	2.3	38	38 years
102	2.3	39	39 years

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
128	2.9	40	40 years
112	2.6	41	41 years
122	2.8	42	42 years
137	3.1	43	43 years
135	3.1	44	44 years
136	3.1	45	45 years
126	2.9	46	46 years
113	2.6	47	47 years
129	3.0	48	48 years
129	3.0	49	49 years
117	2.7	50	50 years
132	3.0	51	51 years
126	2.9	52	52 years
121	2.8	53	53 years
123	2.8	54	54 years
99	2.3	55	55 years
117	2.7	56	56 years
94	2.2	57	57 years
83	1.9	58	58 years
77	1.8	59	59 years
69	1.6	60	60 years
72	1.7	61	61 years
61	1.4	62	62 years
38	0.9	63	63 years
42	1.0	64	64 years
30	0.7	65	65 years
29	0.7	66	66 years
22	0.5	67	67 years
17	0.4	68	68 years
19	0.4	69	69 years
20	0.5	70	70 years
19	0.4	71	71 years
11	0.3	72	72 years
8	0.2	73	73 years
16	0.4	74	74 years
7	0.2	75	75 years
3	0.1	76	76 years
3	0.1	77	77 years
3	0.1	78	78 years

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	79	79 years
1	0.0	80	80 years
1	0.0	81	81 years
1	0.0	82	82 years
1	0.0	83	83 years
1	0.0	85	85 years
1	0.0	88	88 years
68	1.6	99	Unknown

Variable	Name	Format	Type	Length
v309	OCCUPANT SEX	FSEX	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,150	95.4	1	Male
137	3.1	2	Female
65	1.5	9	Unknown

Variable	Name	Format	Type	Length
v310	OCCUPANT TYPE	FPTYP94F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,304	98.9	1	Driver of a motor vehicle in-transport
48	1.1	99	Unknown occupant type

Variable	Name	Format	Type	Length
v311	OCC SEATING POSITION	FSEAT82F	Numeric	3

OCCUPANT SEATING POSITION

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,302	98.9	11	Front seat – left side (driver's side)
1	0.0	13	Front seat – right side
49	1.1	99	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

Variable	Name	Format	Type	Length
v312	RESTRAINT SYSTEM USE	FRUSE08F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
524	12.0	0	None used/not applicable – not a motor vehicle occupant
17	0.4	1	Shoulder belt
97	2.2	2	Lap belt
3,354	77.1	3	Lap and shoulder belt
0	0.0	4	Child safety seat/booster seat – type unknown/not reported
0	0.0	5	Motorcycle helmet
0	0.0	6	Bicycle helmet
4	0.1	8	Restraint used – type unknown
0	0.0	10	Child safety seat – forward facing
0	0.0	11	Child safety seat – rear facing
0	0.0	12	Booster seat (with lap/shoulder belt used properly)
3	0.1	13	Safety belt used improperly
0	0.0	14	Child safety seat/booster seat used improperly
0	0.0	15	Helmets used improperly
353	8.1	99	Unknown

Variable	Name	Format	Type	Length
v313	AIR BAG AVAIL/FUNCTION	FAIRB98F	Numeric	3

AIR BAG AVAILABILITY – DEPLOYMENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	0	Not applicable – not a motor vehicle occupant
Deployed (for this seat)			
155	3.6	1	From the front (steering wheel, dashboard)
3	0.1	2	From the side (door, seat, canopy)
0	0.0	7	From other direction (knee, airbelt, etc.)
4	0.1	8	From multiple direction
61	1.4	9	From unknown direction
Not deployed (for this seat)			
253	5.8	20	Airbag available – no deployment
2	0.0	28	Airbag available – switched off

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

Page 97

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
			Unknown if deployed
31	0.7	29	Airbag available – unknown if deployed
			Not available
3,822	87.8	30	Not available (this seat)
0	0.0	31	Previously deployed/not replaced
0	0.0	32	Disabled/removed
21	0.5	99	Unknown if airbag available (for this seat)

Variable	Name	Format	Type	Length
v314	OCCUPANT EJECTION	FEJEC07F	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,112	94.5	0	Not ejected
118	2.7	1	Totally ejected
64	1.5	2	Partially ejected
1	0.0	3	Ejected – unknown degree
57	1.3	9	Unknown

Variable	Name	Format	Type	Length
v315	EJECTION PATH	FEPATH	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,112	94.5	0	Not ejected: not applicable
18	0.4	1	Side door opening
20	0.5	2	Side window
9	0.2	3	Windshield
2	0.0	4	Back window
0	0.0	5	Back door/tailgate opening
0	0.0	6	Roof opening (sunroof, convertible top down)
0	0.0	7	Roof (convertible top up)
6	0.1	8	Other path (e.g., back of pickup truck)
185	4.3	9	Unknown/unknown path

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

Variable	Name	Format	Type	Length
v316	OCCUPANT EXTRICATION	FEXTR	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,062	93.3	0	Not extricated – not applicable
229	5.3	1	Extricated
61	1.4	9	Unknown

Variable	Name	Format	Type	Length
v321	DRUG INVOLVEMENT	FDRUGS	Numeric	3

POLICE REPORTED OTHER DRUG INVOLVEMENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,593	36.6	0	No (other drugs not involved)
54	1.2	1	Yes (other drugs involved)
2,422	55.7	8	Not reported
283	6.5	9	Unknown (police reported as unknown)

Variable	Name	Format	Type	Length
v322	DRUG DETERMINATION	FDRUGDET	Numeric	3

METHOD OF OTHER DRUG DETERMINATION (BY POLICE)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
262	6.0	1	Evidential test (blood, urine)
15	0.3	2	Drug Recognition Technician determined
50	1.1	3	Behavioral
402	9.2	7	Other
3,623	83.2	8	Not reported

Variable	Name	Format	Type	Length
v323	DRUG TEST TYPE #1	FDR_TEST	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,792	64.2	0	Not tested for drugs
1,049	24.1	1	Blood test
156	3.6	2	Urine test
47	1.1	3	Blood and urine tests

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

Page 99

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
23	0.5	7	Unknown test type
4	0.1	8	Other type test
281	6.5	9	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v324	DRUG TEST RESULTS #1	FDR93RES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,792	64.2	0	Not tested for drugs
894	20.5	1	No drugs reported
2	0.0	100	
		-	Narcotic drug
2	0.0	295	
5	0.1	300	
		-	Depressant drug
2	0.0	395	
12	0.3	401	
		-	Stimulant drug
2	0.0	495	
0	0.0	500	
		-	Hallucinogen drug
0	0.9	595	
3	0.1	600	
		-	Cannabinoid drug
8	0.2	695	
0	0.0	700	
		-	Phencyclidine (PCP)
0	0.0	795	
0	0.0	800	
		-	Anabolic steroid
0	0.0	895	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	900	
		-	Inhalant drug
0	0.0	995	
49	1.1	996	Other drug
218	5.0	997	Tested for drugs, results unknown
6	0.1	998	Tested for drugs, drugs found, type unknown
281	6.5	999	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v325	DRUG TEST TYPE #2	FDR_TEST	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,021	92.4	0	Not tested for drugs
65	1.5	1	Blood test
16	0.4	2	Urine test
3	0.1	3	Blood and urine tests
247	5.7	9	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v326	DRUG TEST RESULTS #2	FDR93RES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,021	92.4	0	Not tested for drugs
26	0.6	1	No drugs reported
1	0.0	100	
		-	Narcotic drug
1	0.0	295	
1	0.0	300	
		-	Depressant drug
1	0.0	395	

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	400	
		-	Stimulant drug
1	0.0	495	
2	0.0	600	
		-	Cannabinoid drug
3	0.1	695	
20	0.5	996	Other drug
1	0.0	997	Tested for drugs, results unknown
3	0.1	998	Tested for drugs, drugs found, type unknown
247	5.7	999	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v327	DRUG TEST TYPE #3	FDR_TEST	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,062	93.3	0	Not tested for drugs
37	0.9	1	Blood test
5	0.1	2	Urine test
1	0.0	3	Blood and urine tests
247	5.7	9	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v328	DRUG TEST RESULTS #3	FDR93RES	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,062	93.3	0	Not tested for drugs
24	0.6	1	No drugs reported
1	0.0	100	
		-	Narcotic drug
1	0.0	295	
2	0.0	300	
		-	Depressant drug
0	0.0	395	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	400	
		-	Stimulant drug
1	0.0	495	
0	0.0	600	
		-	Cannabinoid drug
2	0.0	695	
7	0.2	996	Other drug
1	0.0	997	Tested for drugs, results unknown
1	0.0	998	Tested for drugs, drugs found, type unknown
247	5.7	999	Unknown if tested for drugs

Variable	Name	Format	Type	Length
v329	OCCUPANT INJURY SEVERITY	FINJURY	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,570	59.1	0	O – no injury
444	10.2	1	C – possible injury
457	10.5	2	B – nonincapacitating evident injury
179	4.1	3	A – incapacitating injury
639	14.7	4	K – fatal injury
8	0.2	5	Injured, severity unknown
55	1.3	9	Unknown

Variable	Name	Format	Type	Length
v330	OCC TAKEN TO HOSPITAL	FHOSPIT	Numeric	3

TRANSPORTED FOR TREATMENT BY

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,323	76.4	0	Not transported or dead on scene
913	21.0	1	Yes, emergency medical services
6	0.1	2	Yes, law enforcement
21	0.5	3	Yes, other
5	0.1	4	Yes, transported by unknown source
84	1.9	9	Unknown

Variable	Name	Format	Type	Length
v331	OCC DEATH DATE – MONTH	FACMONTH	Numeric	3

OCCUPANT DEATH DATE – MONTH

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,665	84.2	0	No record
53	1.2	1	January
47	1.1	2	February
42	1.0	3	March
52	1.2	4	April
57	1.3	5	May
56	1.3	6	June
65	1.5	7	July
48	1.1	8	August
70	1.6	9	September
62	1.4	10	October
40	0.9	11	November
46	1.1	12	December
49	1.1	99	Unknown

Variable	Name	Format	Type	Length
v332	OCC DEATH DATE – DAY		Numeric	3

OCCUPANT DEATH DATE – DAY

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,665	84.2	0	Not applicable
14	0.3	1	
		-	Day of month
15	0.3	31	
49	1.1	99	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

Variable	Name	Format	Type	Length
v333	OCC DEATH DATE – YEAR		Numeric	4

OCCUPANT DEATH DATE – YEAR

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,665	84.2	0	Not applicable
637	14.6	2008	2008
2	0.0	2009	2009
48	1.1	9999	Unknown

Variable	Name	Format	Type	Length
v334	OCC DEATH TIME – HOURS	FACHOUR	Numeric	3

OCCUPANT DEATH TIME – HOURS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,682	84.6	0	12:01 am – 12:59 am
18	0.4	1	1:00 am – 1:59 am
20	0.5	2	2:00 am – 2:59 am
14	0.3	3	3:00 am – 3:59 am
27	0.6	4	4:00 am – 4:59 am
24	0.6	5	5:00 am – 5:59 am
31	0.7	6	6:00 am – 6:59 am
34	0.8	7	7:00 am – 7:59 am
27	0.6	8	8:00 am – 8:59 am
39	0.9	9	9:00 am – 9:59 am
35	0.8	10	10:00 am – 10:59 am
35	0.8	11	11:00 am – 11:59 am
39	0.9	12	12:00 pm – 12:59 pm
28	0.6	13	1:00 pm – 1:59 pm
40	0.9	14	2:00 pm – 2:59 pm
32	0.7	15	3:00 pm – 3:59 pm
28	0.6	16	4:00 pm – 4:59 pm
20	0.5	17	5:00 pm – 5:59 pm
12	0.3	18	6:00 pm – 6:59 pm
18	0.4	19	7:00 pm – 7:59 pm
19	0.4	20	8:00 pm – 8:59 pm
23	0.5	21	9:00 pm – 9:59 pm
13	0.3	22	10:00 pm – 10:59 pm

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
13	0.3	23	11:00 pm – 11:59 pm
1	0.0	24	12:00 midnight
80	1.8	99	Unknown

Variable	Name	Format	Type	Length
v335	OCC DEATH TIME – MINUTES		Numeric	3

OCCUPANT DEATH TIME – MINUTES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,702	85.1	0	0
7	0.2	1	
		-	Minute
2	0.0	59	
81	1.9	99	Unknown

Variable	Name	Format	Type	Length
v336	LAG TIME ACC/DEATH – HRS		Numeric	3

LAG TIME BETWEEN ACCIDENT AND DEATH – HOURS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
418	9.6	0	
		-	Actual time in hours
1	0.0	648	
3,747	86.1	999	Unknown

Variable	Name	Format	Type	Length
v342	OCC FATAL INJURY AT WORK	FWORKINJ	Numeric	3

OCCUPANT FATAL INJURY AT WORK

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
63	1.4	0	No
474	10.9	1	Yes
3,665	84.2	8	Not applicable (not a fatality)
150	3.4	9	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

Variable	Name	Format	Type	Length
v345	OCC ALCOHOL INVOLVEMENT	FDRINK	Numeric	3

OCCUPANT ALCOHOL INVOLVEMENT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,938	67.5	0	No (alcohol not involved)
94	2.2	1	Yes (alcohol involved)
1,012	23.3	8	Not reported
308	7.1	9	Unknown (police reported)

Variable	Name	Format	Type	Length
v346	OCC METH ALC DETERMINAT	FALC_D	Numeric	3

METHOD OF ALCOHOL DETERMINATION (POLICE)

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
481	11.1	1	Evidential test (breath, blood, urine)
137	3.1	2	Preliminary Breath Test
6	0.1	3	Behavioral
15	0.3	4	Passive Alcohol Sensor
710	16.3	5	Observed
51	1.2	8	Other (e.g., saliva test)
2,952	67.8	9	Not reported

Variable	Name	Format	Type	Length
v347	ALCOHOL TEST TYPE	FTESTTYP	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,215	50.9	0	Not tested for alcohol
1,489	34.2	1	Whole blood
110	2.5	2	Breathalyzer
85	2.0	3	Urine
3	0.1	4	Vitreous
3	0.1	5	Blood plasma/serum
0	0.0	6	Blood clot
0	0.0	7	Liver
2	0.0	8	Other test type
162	3.7	10	Preliminary Breath Test
283	6.5	99	Unknown/notreported

Variable	Name	Format	Type	Length
v348	OCC ALCOHOL TEST RESULT	FT_RES	Numeric	3

OCCUPANT ALCOHOL TEST RESULT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,612	37.0	0	Blood alcohol test result < 0.01%
9	0.2	1	
		-	Result value (grams/100 ml) %
1	0.0	39	
0	0.0	94	.94 or greater
1	0.0	95	Test refused
2,214	50.9	96	None given
148	3.4	97	Alcohol test performed, results unknown
268	6.2	99	Unknown if tested

Variable	Name	Format	Type	Length
v361	RACE	FRACE	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,663	84.2	0	Not a fatality (not applicable)
430	9.9	1	White
82	1.9	2	Black
5	0.1	3	American Indian (includes Aleuts and Eskimos)
			Asian or pacific islander
0	0.0	4	Chinese
0	0.0	5	Japanese
0	0.0	6	Hawaiian (includes part-Hawaiian)
1	0.0	7	Filipino
2	0.0	18	Asian Indian
0	0.0	19	Other Indian (includes South Central America, not American/Asian Indians)
0	0.0	28	Korean
1	0.0	38	Samoan
0	0.0	48	Vietnamese
0	0.0	58	Guamanian
1	0.0	68	Other Asian or Pacific Islander
1	0.0	78	Asian or Pacific Islander, no specific (individual) race

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	97	Multiple races (individuals races not specified; ex. "mixed")
2	0.0	98	All other races
162	3.7	99	Unknown

Variable	Name	Format	Type	Length
v362	HISPANIC ORIGIN	FHISPAN	Numeric	3

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,663	84.2	0	Not a fatality (not applicable)
21	0.5	1	Mexican
2	0.0	2	Puerto Rican
2	0.0	3	Cuban
4	0.1	4	Central or South American
0	0.0	5	European Spanish
14	0.3	6	Hispanic, origin not specified or other origin
460	10.6	7	Non-Hispanic
186	4.3	99	Unknown

Variable	Name	Format	Type	Length
v363	OCC DEAD ON ARRIVAL	FDOA01F	Numeric	3

OCCUPANT DEAD ON ARRIVAL

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,795	87.2	0	Not applicable (non-fatals/victims dying other than scene)
499	11.5	7	Died at scene
9	0.2	8	Died en route
49	1.1	9	Fatal, unknown location

The SURVEY Variables

Information in variables 1001 through 1065 and 1091 through 1112 was collected by the TIFA interview

Variable	Name	Format	Type	Length
v1001	POWER UNIT MAKE	V1001_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
8	0.2	1	Autocar
109	2.5	2	Chevrolet
111	2.6	3	Dodge
372	8.5	4	Ford
1,041	23.9	5	Freightliner
79	1.8	6	GMC
650	14.9	7	International
34	0.8	8	Isuzu
449	10.3	9	Kenworth
389	8.9	10	Mack
13	0.3	12	Mitsubishi Fuso
12	0.3	13	Nissan/UD
491	11.3	14	Peterbilt
291	6.7	15	Volvo
46	1.1	16	Western Star
4	0.1	17	White
25	0.6	18	White/GMC
115	2.6	19	Sterling
45	1.0	97	Other
68	1.6	99	Unknown

Variable	Name	Format	Type	Length
v1002	POWER UNIT YEAR	V1002_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	1966	1966
1	0.0	1968	1968
2	0.0	1970	1970
2	0.0	1971	1971
1	0.0	1972	1972
2	0.0	1973	1973

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	1974	1974
1	0.0	1975	1975
3	0.1	1976	1976
3	0.1	1977	1977
6	0.1	1978	1978
9	0.2	1979	1979
3	0.1	1980	1980
4	0.1	1981	1981
3	0.1	1982	1982
6	0.1	1983	1983
11	0.3	1984	1984
14	0.3	1985	1985
17	0.4	1986	1986
19	0.4	1987	1987
39	0.9	1988	1988
30	0.7	1989	1989
37	0.9	1990	1990
43	1.0	1991	1991
41	0.9	1992	1992
80	1.8	1993	1993
76	1.7	1994	1994
114	2.6	1995	1995
130	3.0	1996	1996
136	3.1	1997	1997
175	4.0	1998	1998
290	6.7	1999	1999
344	7.9	2000	2000
251	5.8	2001	2001
187	4.3	2002	2002
246	5.7	2003	2003
259	6.0	2004	2004
399	9.2	2005	2005
470	10.8	2006	2006
584	13.4	2007	2007
177	4.1	2008	2008
62	1.4	2009	2009
72	1.7	9999	Unknown

Variable	Name	Format	Type	Length
v1003	CAB STYLE	V1003_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,078	93.7	1	Conventional
204	4.7	2	Cabover or cab-forward
70	1.6	9	Unknown

Variable	Name	Format	Type	Length
v1006	TRUCK MODEL	\$CHAR10	Char	10

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
120	2.8		Unrecorded
1	0.0	1300FBC	
		-	Model name or number
1	0.0	WXR	

Variable	Name	Format	Type	Length
v1007	POWER UNIT TYPE	V1007_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,516	34.8	1	Straight truck
2,776	63.8	8	Tractor
60	1.4	9	Unknown

Variable	Name	Format	Type	Length
v1008	STRT TRUCK BODY STYLE	V1008_F	Numeric	4

STRAIGHT TRUCK BODY STYLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,776	63.8	0	Not applicable (tractor)
240	5.5	1	Van
2	0.0	2	Open top van
48	1.1	3	Refrigerated van
0	0.0	4	Livestock carrier
113	2.6	5	Flatbed
0	0.0	6	Lowboy

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
25	0.6	7	Flatbed with equipment
23	0.5	8	Flatbed with sides
9	0.2	9	Pole/logging
68	1.6	10	Tank: liquid/gas
1	0.0	11	Tank: dry bulk
9	0.2	12	Auto carrier
303	7.0	13	Dump
0	0.0	14	Bottom dump/hopper bottom
119	2.7	15	Garbage/refuse
49	1.1	17	Concrete mixer
243	5.6	18	Pickup
238	5.5	95	Other
86	2.0	99	Unknown

Variable	Name	Format	Type	Length
v1009	STRT TRUCK OTHER BODY	\$CHAR10	Char	10

STRAIGHT TRUCK OTHER BODY STYLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,993	91.8		Unrecorded
1	0.0	ARMORED	
		-	Specific body style
25	0.6	WRECKER	

Variable	Name	Format	Type	Length
v1010	POWER UNIT NO. OF AXLES	V1010_F	Numeric	4

NUMBER OF POWER UNIT AXLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,167	26.8	2	2 axles
2,970	68.2	3	3 axles
114	2.6	4	4 axles
21	0.5	5	5 axles
9	0.2	6	6 axles
71	1.6	9	Unknown

Variable	Name	Format	Type	Length
v1015	POWER UNIT CARGO	V1015_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
568	13.1	0	Empty
124	2.8	1	General freight
30	0.7	2	Household goods
18	0.4	3	Building materials
6	0.1	4	Metal: coils, sheets, etc
13	0.3	5	Heavy machinery
15	0.3	6	Large objects
21	0.5	7	Motor vehicles
22	0.5	8	Piggyback/towaway
5	0.1	9	Gases in bulk
306	7.0	10	Solids in bulk
44	1.0	11	Liquids in bulk
2	0.0	12	Explosives
14	0.3	13	Logs/poles/lumber
37	0.9	14	Refrigerated food
0	0.0	15	Mobile home
11	0.3	16	Farm products
1	0.0	17	Live animals
177	4.1	18	Other
14	0.3	94	Not intended for cargo
3	0.1	95	Cargo, unknown type
2,751	63.2	98	Not applicable (not a straight truck)
170	3.9	99	Unknown

Variable	Name	Format	Type	Length
v1017	1ST TRAILER TYPE	V1017_F	Numeric	4

FIRST TRAILER TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,690	61.8	1	Semitrailer
38	0.9	2	Full trailer
163	3.7	3	Other
1,399	32.1	4	None
62	1.4	9	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1018	1ST TRAILER NO. OF AXLES	V1018_F	Numeric	4

NUMBER OF FIRST TRAILER AXLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
155	3.6	1	1 axle
2,518	57.9	2	2 axles
106	2.4	3	3 axles
28	0.6	4	4 axles
5	0.1	5	5 axles
3	0.1	6	6 axles
1	0.0	8	8 axles
62	1.4	97	Unknown if had first trailer
1,399	32.1	98	Not applicable (no first trailer)
75	1.7	99	Unknown

Variable	Name	Format	Type	Length
v1023	1ST TRAILER BODY	V1023_F	Numeric	4

FIRST TRAILER BODY STYLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,461	33.6	0	None or unknown if had first trailer
1,121	25.8	1	Van
30	0.7	2	Open top van
339	7.8	3	Refrigerated van
36	0.8	4	Livestock carrier
399	9.2	5	Flatbed
45	1.0	6	Lowboy
6	0.1	7	Flatbed with equipment
19	0.4	8	Flatbed with sides
103	2.4	9	Pole/logging
269	6.2	10	Tank: liquid/gas
51	1.2	11	Tank: dry bulk
26	0.6	12	Auto carrier
228	5.2	13	Dump
100	2.3	14	Bottom dump/hopper bottom
11	0.3	15	Garbage/refuse

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
82	1.9	95	Other
26	0.6	99	Unknown

Variable	Name	Format	Type	Length
v1024	1ST TRAILER OTHER BODY	\$CHAR10	Char	10

FIRST TRAILER OTHER BODY STYLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,158	95.5		Unknown or not applicable
1	0.0	AUTO TRLR	
		-	Specific body style
1	0.0	WALKING	

Variable	Name	Format	Type	Length
v1025	1ST TRAILER CARGO	V1025_F	Numeric	4

FIRST TRAILER CARGO TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
773	17.8	0	Empty
755	17.3	1	General freight
10	0.2	2	Household goods
48	1.1	3	Building materials
74	1.7	4	Metal: coils, sheets, etc
74	1.7	5	Heavy machinery
47	1.1	6	Large objects
25	0.6	7	Motor vehicles
1	0.0	8	Piggyback/towaway
15	0.3	9	Gases in bulk
291	6.7	10	Solids in bulk
144	3.3	11	Liquids in bulk
0	0.0	12	Explosives
104	2.4	13	Logs/poles/lumber
227	5.2	14	Refrigerated food
2	0.0	15	Mobile home
36	0.8	16	Farm products
29	0.7	17	Live animals
26	0.6	18	Other

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
11	0.3	94	Not intended for cargo
38	0.9	95	Cargo, unknown type
62	1.4	96	Unknown if had first trailer
1,399	32.1	98	Not applicable (no first trailer)
161	3.7	99	Unknown

Variable	Name	Format	Type	Length
v1027	2ND TRAILER TYPE	V1027_F	Numeric	4

SECOND TRAILER TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
97	2.2	1	Semitrailer
38	0.9	2	Full trailer
1	0.0	3	Other
4,154	95.5	4	None
62	1.4	9	Unknown

Variable	Name	Format	Type	Length
v1028	2ND TRAILER NO. OF AXLES	V1028_F	Numeric	4

NUMBER OF SECOND TRAILER AXLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	1	1 axle
122	2.8	2	2 axles
7	0.2	3	3 axles
3	0.1	4	4 axles
1	0.0	5	5 axles
62	1.4	97	Unknown if had second trailer
4,154	95.5	98	Not applicable (no second trailer)
1	0.0	99	Unknown

Variable	Name	Format	Type	Length
v1033	2ND TRAILER BODY	V1033_F	Numeric	4

SECOND TRAILER BODY STYLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,216	96.9	0	None or unknown if had second trailer
75	1.7	1	Van
1	0.0	2	Open top van
4	0.1	3	Refrigerated van
11	0.3	5	Flatbed
1	0.0	7	Flatbed with equipment
1	0.0	8	Flatbed with sides
6	0.1	10	Tank: liquid/gas
3	0.1	11	Tank: dry bulk
5	0.1	13	Dump
19	0.4	14	Bottom dump/hopper bottom
6	0.1	95	Other
4	0.1	99	Unknown

Variable	Name	Format	Type	Length
v1034	2ND TRAILER OTHER BODY	\$CHAR10	Char	10

SECOND TRAILER OTHER BODY STYLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,343	99.8		Unknown or not applicable
1	0.0	CANE TRLR	
		-	Specific body style
1	0.0	STOCK TRLR	

Variable	Name	Format	Type	Length
v1035	2ND TRAILER CARGO	V1035_F	Numeric	4

SECOND TRAILER CARGO TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
33	0.8	0	Empty
64	1.5	1	General freight
1	0.0	6	Large objects

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
21	0.5	10	Solids in bulk
1	0.0	11	Liquids in bulk
4	0.1	14	Refrigerated food
6	0.1	16	Farm products
62	1.4	96	Unknown if had second trailer
4,154	95.5	98	Not applicable (no second trailer)
6	0.1	99	Unknown

Variable	Name	Format	Type	Length
v1037	3RD TRAILER TYPE	V1037_F	Numeric	4

THIRD TRAILER TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	1	Semitrailer
1	0.0	3	Other
4,291	98.6	4	None
59	1.4	9	Unknown

Variable	Name	Format	Type	Length
v1038	3RD TRAILER NO. OF AXLES	V1038_F	Numeric	4

NUMBER OF THIRD TRAILER AXLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	2	2 axles
1	0.0	3	3 axles
59	1.4	97	Unknown if had third trailer
4,291	98.6	98	Not applicable (no third trailer)

Variable	Name	Format	Type	Length
v1043	3RD TRAILER BODY	V1043_F	Numeric	4

THIRD TRAILER BODY STYLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,350	100.0	0	None or unknown if had third trailer
1	0.0	3	Refrigerated van

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	95	Other

Variable	Name	Format	Type	Length
v1044	3RD TRAILER OTHER BODY	\$CHAR10	Char	10

THIRD TRAILER OTHER BODY STYLE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,351	100.0		Unknown or not applicable
1	0.0	DOLLY	

Variable	Name	Format	Type	Length
v1045	3RD TRAILER CARGO	V1045_F	Numeric	4

THIRD TRAILER CARGO TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	14	Refrigerated food
1	0.0	94	Not intended for cargo
59	1.4	96	Unknown if had third trailer
4,291	98.6	98	Not applicable (no third trailer)

Variable	Name	Format	Type	Length
v1047	VEHICLE CONFIGURATION	\$CHAR10	Char	10

VEHICLE CONFIGURATION BY UNIT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
60	1.4		Unknown or unspecified
1,315	30.2	R	
		-	Unit descriptor code
1	0.0	TWWW	

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1048	VEHICLE COMBINATION CODE	V1048_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Straight truck, no or 1 cargo-carrying trailer			
1,315	30.2	1	Straight truck only
38	0.9	2	Straight truck and full trailer
104	2.4	3	Straight truck and other (non-full trailer)
50	1.1	4	Straight truck and other trailer with gooseneck hitch
1	0.0	5	Straight truck and A-dolly and semitrailer
6	0.1	6	Straight truck wrecker with towed unit
1	0.0	9	Straight truck, unknown if pulling trailer
Straight truck, 2 cargo-carrying trailers			
0	0.0	10	Straight truck and full trailer and other trailer
0	0.0	11	Straight truck and other trailer and other trailer
0	0.0	12	Straight truck and 2 full trailers
0	0.0	13	Straight truck, other trailer with gooseneck hitch, A-dolly, other trailer
0	0.0	14	Straight truck, other trailer with gooseneck hitch, other trailer
Tractor, no cargo-carrying trailers			
68	1.6	20	Bobtail tractor
11	0.3	21	Tractor carrying cargo
0	0.0	22	Tractor and A-dolly
Tractor, 1 cargo-carrying trailer			
2,547	58.5	30	Tractor and semitrailer
8	0.2	31	Tractor and other (non-semitrailer)
0	0.0	32	Tractor and semitrailer and A-dolly
0	0.0	33	Tractor and full trailer
0	0.0	34	Tractor and gooseneck and other
Tractor, 2 cargo-carrying trailers			
89	2.0	40	Tractor and semitrailer and A-dolly and semitrailer
2	0.0	41	Tractor and semitrailer and B-dolly and semitrailer
0	0.0	42	Tractor and semitrailer and C-dolly and semitrailer
4	0.1	43	Tractor and semitrailer with unknown dolly and semitrailer
38	0.9	44	Tractor and semitrailer and full trailer

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

Page 121

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	45	Tractor and full trailer and full trailer
0	0.0	46	Tractor and semitrailer and other trailer
0	0.0	47	Tractor and ballhitch and 2 other trailers
0	0.0	48	Tractor and semitrailer and A-dolly and unknown trailer
3	0.1	49	Tractor and semitrailer and unknown trailer
Tractor, 3 cargo-carrying trailers			
1	0.0	50	Tractor and 3 trailers (A-dollies)
0	0.0	51	Tractor, semitrailer, A-dolly, semitrailer, full trailer
0	0.0	52	Tractor, semitrailer, two full trailers
0	0.0	60	Tractor and jeep and semitrailer and jeep
Combinations for oversize/overweight loads			
1	0.0	61	Tractor and semitrailer and jeep
0	0.0	62	Tractor and jeep and semitrailer
0	0.0	63	Tractor and jeep and full trailer and jeep
1	0.0	64	Tractor and jeep and semitrailer and other
Unusual tractor combinations			
0	0.0	70	Tractor towing tractor *
0	0.0	71	Tractor towing straight truck *
0	0.0	72	Tractor towing tractor-semi-trailer*
2	0.0	73	Tractor with one saddlemount tractor
0	0.0	74	Tractor with two saddlemount tractors
1	0.0	75	Tractor with three saddlemount tractors
0	0.0	78	Tractor with saddlemount tractor and P van
Unusual straight truck combinations			
0	0.0	80	Straight truck towing straight truck *
0	0.0	81	Straight truck pulling tractor-semi-trailer
0	0.0	82	Wrecker and doubles
0	0.0	83	Wrecker towing straight and full trailer
0	0.0	84	Straight with two saddlemount straight trucks
0	0.0	85	Wrecker towing other trailer
1	0.0	86	Wrecker and tow and tow and tow
60	1.4	99	Unknown

*Towed with all wheels on the ground

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1049	NO. OF TRAILERS	V1049_F	Numeric	4

NUMBER OF TRAILERS

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,399	32.1	0	No trailer
2,752	63.2	1	1 trailer
134	3.1	2	2 trailers
2	0.0	3	3 trailers
65	1.5	9	Unknown

Variable	Name	Format	Type	Length
v1050	GROSS VEHICLE WEIGHT RATING	V1050_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
367	8.4	3	10,001 - 14,000 lbs.
110	2.5	4	14,001 - 16,000 lbs.
91	2.1	5	16,001 - 19,500 lbs.
212	4.9	6	19,501 - 26,000 lbs.
308	7.1	7	26,001 - 33,000 lbs.
3,174	72.9	8	33,001 lbs. or more
90	2.1	9	Unknown

Variable	Name	Format	Type	Length
v1050C	GROSS COMBINATION WEIGHT RATING	V1050C_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
789	18.1	2	10,000-26,000 lbs
3,482	80.0	3	Greater than 26,000 lbs
81	1.9	9	Unknown

Variable	Name	Format	Type	Length
v1055	SPECIFIC CARGO	\$CHAR20	Char	20

ACTUAL CARGO CARRIED

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2	0.0	A/C PARTS	
		-	Actual cargo
1	0.0	ZUCCHINI + SQUASH	

Variable	Name	Format	Type	Length
v1056	CARGO SPILLAGE	V1056_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,460	79.5	0	No spillage
582	13.4	1	Spillage of nonhazardous cargo
44	1.0	2	Spillage of hazardous cargo
266	6.1	9	Unknown

Variable	Name	Format	Type	Length
v1057	AREA OF OPERATION	V1057_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
2,810	64.6	1	Interstate
963	22.1	2	Intrastate
159	3.7	5	Personal use only
100	2.3	6	Government owned
27	0.6	7	Daily rental
293	6.7	9	Unknown

Variable	Name	Format	Type	Length
v1058	OPERATING AUTHORITY	V1058_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,348	31.0	1	Private
2,487	57.1	2	For hire
159	3.7	5	Personal use only
100	2.3	6	Government owned

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
27	0.6	7	Daily rental
231	5.3	9	Unknown

Variable	Name	Format	Type	Length
v1059	ACCIDENT TYPE	V1059_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
5	0.1	0	No impact
		-	Diagram number (see appendix)
83	1.9	97	Untripped rollover
556	12.8	98	Other accident type
94	2.2	99	Unknown

Variable	Name	Format	Type	Length
v1061	TRIP TYPE	V1061_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,565	36.0	1	Local delivery
487	11.2	2	51 to 100 miles
211	4.8	3	101 to 150 miles
189	4.3	4	151 to 200 miles
506	11.6	5	201 to 500 miles
545	12.5	6	Over 500 miles
121	2.8	7	Unknown over-the-road trip distance
728	16.7	9	Unknown

Variable	Name	Format	Type	Length
v1062	HOURS DRIVING	V1062_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
705	16.2	1	1 hour
444	10.2	2	2 hours
303	7.0	3	3 hours
279	6.4	4	4 hours
208	4.8	5	5 hours
184	4.2	6	6 hours
106	2.4	7	7 hours

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
117	2.7	8	8 hours
54	1.2	9	9 hours
48	1.1	10	10 hours
15	0.3	11	11 hours
5	0.1	12	12 hours
2	0.0	13	13 hours
3	0.1	14	14 hours
1	0.0	15	15 hours
1	0.0	16	16 hours
1	0.0	19	19 hours
1	0.0	20	20 hours
1	0.0	24	24 hours
1	0.0	30	30 hours
732	16.8	96	Unknown but legal
16	0.4	97	Unknown but not legal
1,125	25.9	99	Unknown

Variable	Name	Format	Type	Length
v1063	INTERVIEW CONDUCTED	V1063_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3,946	90.7	1	Yes
406	9.3	2	No

Variable	Name	Format	Type	Length
v1064	POLICE REPORT	V1064_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,126	94.8	1	Yes
226	5.2	2	No

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1065	FAX/MAIL	V1065_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
288	6.6	1	Yes
4,064	93.4	2	No

Variables 1066 through 1070 indicate modifications to responses received from the interview. Also indicated here are deductions made by the editors to fill in missing data elements. The numbers coded in these variables are the question numbers on the interview form (see Appendix).

Variable	Name	Format	Type	Length
v1066	1ST QUESTION DERIVED	V1066_F	Numeric	4

FIRST QUESTION DERIVED

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,274	98.2	0	None
1	0.0	11	Question 11
1	0.0	13	Question 13
18	0.4	16	Question 16
58	1.3	17	Question 17

Variable	Name	Format	Type	Length
v1067	2ND QUESTION DERIVED	V1067_F	Numeric	4

SECOND QUESTION DERIVED

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,349	99.9	0	None
1	0.0	16	Question 16
2	0.0	17	Question 17

Variable	Name	Format	Type	Length
v1068	3RD QUESTION DERIVED	V1068_F	Numeric	4

THIRD QUESTION DERIVED

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,352	100.0	0	None

Variable	Name	Format	Type	Length
v1069	4TH QUESTION DERIVED	V1069_F	Numeric	4

FOURTH QUESTION DERIVED

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,352	100.0	0	None

Variable	Name	Format	Type	Length
v1070	5TH QUESTION DERIVED	V1070_F	Numeric	4

FIFTH QUESTION DERIVED

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,352	100.0	0	None

Variable	Name	Format	Type	Length
v1091	HAZARDOUS MATERIALS PLACARD	V1091_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
138	3.2	1	Yes
4,007	92.1	2	No
207	4.8	9	Unknown

Variable	Name	Format	Type	Length
v1092	HAZARDOUS MATERIALS CLASS	V1092_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
3	0.1	1	Explosives
27	0.6	2	Compressed gases
78	1.8	3	Flammable liquids
1	0.0	4	Flammable solids
2	0.0	5	Oxidizing substances
1	0.0	6	Poisonous substances
0	0.0	7	Radioactive materials
15	0.3	8	Corrosive liquids
9	0.2	9	Miscellaneous hazardous substances

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
4,007	92.1	98	Not applicable
209	4.8	99	Unknown

Variable	Name	Format	Type	Length
v1093	HAZARDOUS PLACARD 4-DIGIT NUMBER	V1093_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.0	1005	
		-	Hazardous placard number
1	0.0	3268	
4,007	92.1	9998	Not applicable
215	4.9	9999	Unknown

Variable	Name	Format	Type	Length
v1101	HEADWAY DETECTION/FORWARD CRASH WARNING	V1101_8F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
31	0.7	1	Yes
2,806	64.5	2	No
1,515	34.8	9	Unknown

Variable	Name	Format	Type	Length
v1102	SIDE/OBJECT DETECTION	V1101_8F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
34	0.8	1	Yes
2,806	64.5	2	No
1,512	34.7	9	Unknown

Variable	Name	Format	Type	Length
v1103	LANE DEPARTURE WARNING	V1101_8F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
33	0.8	1	Yes
2,804	64.4	2	No
1,515	34.8	9	Unknown

Variable	Name	Format	Type	Length
v1104	ROLLOVER WARNING	V1101_8F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
32	0.7	1	Yes
2,802	64.4	2	No
1,518	34.9	9	Unknown

Variable	Name	Format	Type	Length
v1105	ELECTRONIC STABILITY CONTROL	V1101_8F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
96	2.2	1	Yes
2,708	62.2	2	No
1,548	35.6	9	Unknown

Variable	Name	Format	Type	Length
v1106	POWER UNIT TRACKING	V1101_8F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
541	12.4	1	Yes
2,292	52.7	2	No
1,519	34.9	9	Unknown

Variable	Name	Format	Type	Length
v1107	TRAILER TRACKING	V1101_8F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
102	2.3	1	Yes
2,333	53.6	2	No
1,917	44.0	9	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

Variable	Name	Format	Type	Length
v1108	SPEED LIMITER	V1101_8F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1,378	31.7	1	Yes
1,392	32.0	2	No
1,582	36.4	9	Unknown

Variable	Name	Format	Type	Length
v1111	DRIVER COMPENSATION	V1111_F	Numeric	4

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
300	6.9	1	Percent of gross trip revenue
1,038	23.9	2	By hour
683	15.7	3	By mile
45	1.0	4	By hour and mile
357	8.2	5	By load
186	4.3	6	Other
1,743	40.1	9	Unknown

Variable	Name	Format	Type	Length
v1112	DRIVER COMPENSATION OTHER	\$CHAR15	Char	15

<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
6	0.1	By day
2	0.0	By delivery
24	0.6	By job
1	0.0	By product sold
3	0.1	By route
1	0.0	By stop
14	0.3	By trip
1	0.0	By week
2	0.0	By weight
14	0.3	Commission
2	0.0	Flat rate
1	0.0	Hour and job
6	0.1	Hour and load
1	0.0	Hour and stops

<u>N</u>	<u>Prcnt</u>	<u>Code and Label</u>
4	0.1	Hour and commission
1	0.0	Load and hour
9	0.2	Load and mile
1	0.0	Load and commission
9	0.2	Mile and activity
2	0.0	Mile and drops
1	0.0	Mile and hour
5	0.1	Mile and load
1	0.0	Mile and percent
1	0.0	Mile and stop
7	0.2	Mile and stops
3	0.1	Mile and weight
2	0.0	Mile, drops, and hour
1	0.0	Mile, hour, and load
2	0.0	Mile, hour, and weight
1	0.0	Piece and mile
1	0.0	Route and commission
50	1.1	Salary
2	0.0	Salary and commission
2	0.0	Salary and mile
2	0.0	Sale of cargo
1	0.0	Stop, mile, and piece
2,423	55.7	Not applicable
1,743	40.1	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

SURVEY Variables for Vehicles Not In-Transport

v1007	POWER UNIT TYPE	V1007_F	Numeric	4
-------	-----------------	---------	---------	---

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
115	55.3	1	Straight truck
90	43.3	8	Tractor
3	1.4	9	Unknown

v1017	1ST TRAILER TYPE	V1017_F	Numeric	4
-------	------------------	---------	---------	---

FIRST TRAILER TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
87	41.8	1	Semitrailer
1	0.5	2	Full trailer
6	2.9	3	Other
106	51.0	4	None
8	3.8	9	Unknown

v1027	2ND TRAILER TYPE	V1027_F	Numeric	4
-------	------------------	---------	---------	---

SECOND TRAILER TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
1	0.5	1	Semitrailer
0	0.0	2	Full trailer
0	0.0	3	Other
200	96.2	4	None
7	3.4	9	Unknown

v1037	3RD TRAILER TYPE	V1037_F	Numeric	4
-------	------------------	---------	---------	---

THIRD TRAILER TYPE

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
0	0.0	1	Semitrailer
0	0.0	2	Full trailer
0	0.0	3	Other

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES – VEHICLES NOT IN-TRANSPORT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
202	97.1	4	None
6	2.9	9	Unknown

v1047	VEHICLE CONFIGURATION	\$CHAR10	Char	10
-------	-----------------------	----------	------	----

VEHICLE CONFIGURATION BY UNIT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
105	50.5	R	
		-	Unit descriptor code
1	0.5	TSU	

v1048	VEHICLE COMBINATION CODE	V1048_F	Numeric	4
-------	--------------------------	---------	---------	---

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Straight truck, no or 1 cargo-carrying trailer			
105	50.5	1	Straight truck only
1	0.5	2	Straight truck and full trailer
3	1.4	3	Straight truck and other (non-full trailer)
3	1.4	4	Straight truck and other trailer with gooseneck hitch
0	0.0	5	Straight truck and A-dolly and semitrailer
1	0.5	6	Straight truck wrecker with towed unit
2	1.0	9	Straight truck, unknown if pulling trailer
Straight truck, 2 cargo-carrying trailers			
0	0.0	10	Straight truck and full trailer and other trailer
0	0.0	11	Straight truck and other trailer and other trailer
0	0.0	12	Straight truck and 2 full trailers
0	0.0	13	Straight truck, other trailer with gooseneck hitch, A-dolly, other trailer
0	0.0	14	Straight truck, other trailer with gooseneck hitch, other trailer
Tractor, no cargo-carrying trailers			
3	1.4	20	Bobtail tractor
0	0.0	21	Tractor carrying cargo
0	0.0	22	Tractor and A-dolly

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Tractor, 1 cargo-carrying trailer			
85	40.9	30	Tractor and semitrailer
0	0.0	31	Tractor and other (non-semitrailer)
0	0.0	32	Tractor and semitrailer and A-dolly
0	0.0	33	Tractor and full trailer
0	0.0	34	Tractor and gooseneck and other
Tractor, 2 cargo-carrying trailers			
1	0.5	40	Tractor and semitrailer and A-dolly and semitrailer
0	0.0	41	Tractor and semitrailer and B-dolly and semitrailer
0	0.0	42	Tractor and semitrailer and C-dolly and semitrailer
0	0.0	43	Tractor and semitrailer with unknown dolly and semitrailer
0	0.0	44	Tractor and semitrailer and full trailer
0	0.0	45	Tractor and full trailer and full trailer
0	0.0	46	Tractor and semitrailer and other trailer
0	0.0	47	Tractor and ballhitch and 2 other trailers
0	0.0	48	Tractor and semitrailer and A-dolly and unknown trailer
1	0.5	49	Tractor and semitrailer and unknown trailer
Tractor, 3 cargo-carrying trailers			
0	0.0	50	Tractor and 3 trailers (A-dollies)
0	0.0	51	Tractor, semitrailer, A-dolly, semitrailer, full trailer
0	0.0	52	Tractor, semitrailer, two full trailers
Combination for oversize/overweight loads			
0	0.0	60	Tractor and jeep and semitrailer and jeep
0	0.0	61	Tractor and semitrailer and jeep
0	0.0	62	Tractor and jeep and semitrailer
0	0.0	63	Tractor and jeep and full trailer and jeep
0	0.0	64	Tractor and jeep and semitrailer and other
Unusual tractor combinations			
0	0.0	70	Tractor towing tractor *
0	0.0	71	Tractor towing straight truck *
0	0.0	72	Tractor towing tractor-semitrailer*
0	0.0	73	Tractor with one saddlemount tractor
0	0.0	74	Tractor with two saddlemount tractors
0	0.0	75	Tractor with three saddlemount tractors
0	0.0	78	Tractor with saddlemount tractor and P van

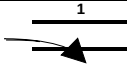
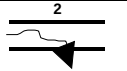
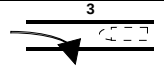
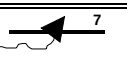
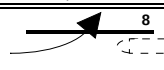
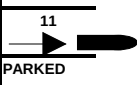
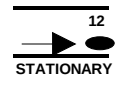
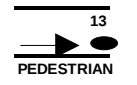
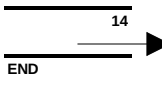
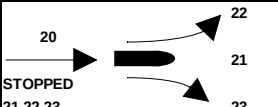
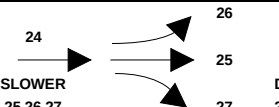
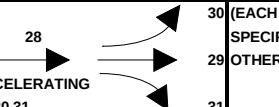
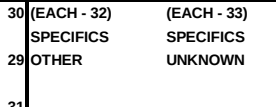
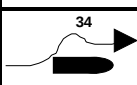
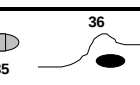
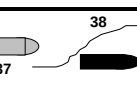
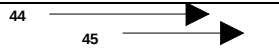
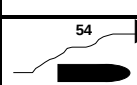
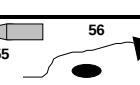
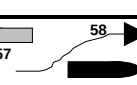
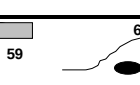
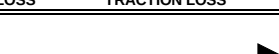
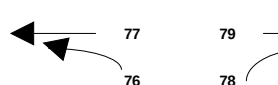
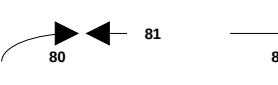
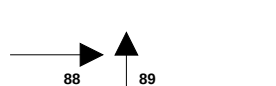
TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES – VEHICLES NOT IN-TRANSPORT

<u>N</u>	<u>Prcnt</u>	<u>Code</u>	<u>Label</u>
Unusual straight truck combinations			
0	0.0	80	Straight truck towing straight truck *
0	0.0	81	Straight truck pulling tractor-semitrailer
0	0.0	82	Wrecker and doubles
0	0.0	83	Wrecker towing straight and full trailer
0	0.0	84	Straight with two saddlemount straight trucks
0	0.0	85	Wrecker towing other trailer
0	0.0	86	Wrecker and tow and tow and tow
3	1.4	99	Unknown

*Towed units with all wheels on the ground.

APPENDIX

ACCIDENT TYPES (INCLUDES INTENT)

CATEGORY	CONFIGURATION					
I SINGLE DRIVER	A. RIGHT ROADSIDE DEPARTURE	 1 DRIVE OFF ROAD	 2 CONTROL/ TRACTION LOSS	 3 AVOID COLLISION W/ VEHICLE, PEDESTRIAN, ANIMAL	4 SPECIFICS OTHER	5 SPECIFICS UNKNOWN
	B. LEFT ROADSIDE DEPARTURE	 6 DRIVE OFF ROAD	 7 CONTROL/ TRACTION LOSS	 8 AVOID COLLISION W/VEHICLE, PEDESTRIAN, ANIMAL	9 SPECIFICS OTHER	10 SPECIFICS UNKNOWN
	C. FORWARD IMPACT	 11 PARKED VEHICLE	 12 STATIONARY OBJECT	 13 PEDESTRIAN ANIMAL	 14 END DEPARTURE	15 SPECIFICS OTHER
II SAME TRAFFICWAY SAME DIRECTION	D. REAR-END	 20 STOPPED 21,22,23			 24 SLOWER 25,26,27	
		 28 DECELERATING 29,30,31			 30 (EACH - 32) SPECIFICS OTHER	
	E. FORWARD IMPACT	 34 CONTROL/ TRACTION LOSS	 36 CONTROL/ TRACTION LOSS	 38 AVOID COLLISION WITH VEHICLE	 40 AVOID COLLISION WITH OBJECT	(EACH - 42) SPECIFICS OTHER
	F. SIDESWIPE ANGLE	 44 45			 46 45 47	
III SAME TRAFFICWAY OPPOSITE DIRECTION	G. HEAD-ON	 50 51 LATERAL MOVE			(EACH - 52) SPECIFICS OTHER	
	H. FORWARD IMPACT	 54 CONTROL/ TRACTION LOSS	 56 CONTROL/ TRACTION LOSS	 58 AVOID COLLISION WITH VEHICLE	 60 AVOID COLLISION WITH OBJECT	(EACH - 62) SPECIFICS OTHER
	I. SIDESWIPE/ ANGLE	 64 65 LATERAL MOVE			(EACH - 66) SPECIFICS OTHER	
IV CHANGE TRAFFICWAY VEHICLE TURNING	J. TURN ACROSS PATH	 68 69 INITIAL OPPOSITE DIRECTIONS			 70 71 73 72 INITIAL SAME DIRECTION	
	K. TURN INTO PATH	 77 76 79 78 TURN INTO SAME DIRECTION			 80 81 83 82 TURN IN OPPOSITE DIRECTIONS	
V INTERSECTING PATH-VEHICLE DAMAGE	L. STRAIGHT PATHS	 86 87			 88 89	
VI MISC.	M. BACKING ETC.	 92 BACKING VEHICLE			93 OTHER VEHICLE OR OBJECT	
					97 UNTRIPPED ROLLOVER 98 OTHER ACC TYPE 99 UNKNOWN ACC TYPE 00 NO IMPACT	

CENTER FOR NATIONAL TRUCK & BUS STATISTICS

TRUCKS INVOLVED IN FATAL ACCIDENTS SURVEY

Accident Date _____ / _____ / **2008**
Month Day Year

ACCIDENT IDENTIFICATION *(fill out prior to interview)*

1. FARS State Code

____	____
1	2

State of Accident _____

2. FARS Case No.

____	____	____	____
3	4	5	6

3. FARS Vehicle No.

____	____
7	8

POWER UNIT

4. Truck Make

Autocar
 Chevrolet
 Dodge
 Ford
 Freightliner
 GMC
 International/Navistar
 Isuzu
 Kenworth
 Mack
 Mercedes
 Mitsubishi Fuso
 Nissan/UD
 Peterbilt
 Volvo
 Western Star
 White
 WhiteGMC
 Sterling
 Other _____

[]	01
[]	02
[]	03
[]	04
[]	05
[]	06
[]	07
[]	08
[]	09
[]	10
[]	11
[]	12
[]	13
[]	14
[]	15
[]	16
[]	17
[]	18
[]	19
[]	97

(Specify)

9-10

5. Truck Model Year:

____	____	____	____
11	12	13	14

6. Cab Style

Conventional
 Cab-Over-Engine/Cab Forward

[]	1
[]	2
15	

7. Truck Model _____

(Name or No.)

(Specify)

Truck Model

____	____	____	____	____	____	____	____	____	____
16	17	18	19	20	21	22	23	24	25

(editor)

NOTE: Put all information and calculations on this form.

VEHICLE CONFIGURATION

Revised 06/26/2009

	POWER UNIT	FIRST TRAILER	SECOND TRAILER	THIRD TRAILER
8. TYPE:	Tractor [] 8 St. Trk. [] 1 26	Semi [] 1 Full [] 2 Other [] 3 None [] 4 27	Semi [] 1 Full [] 2 Other [] 3 None [] 4 28	Semi [] 1 Full [] 2 Other [] 3 None [] 4 29
9. NO. OF AXLES IN USE/DOWN:	30	31	32	33
10. COMBINATION CODE:	34353637383940414243			

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

	POWER UNIT	FIRST TRAILER	SECOND TRAILER	THIRD TRAILER
11. BODY STYLE:	Tractor [] 00 Van [] 01 Open top van [] 02 Refrigerated van [] 03 Livestock carrier [] 04 Flatbed [] 05 Low boy [] 06 Flatbed w/equip. [] 07 Flatbed w/sides [] 08 Pole/logging [] 09 Tank - liquid/gas [] 10 Tank - dry bulk [] 11 Auto carrier [] 12 Dump [] 13 BottomDump/hopper [] 14 Garbage/refuse [] 15 Concrete mixer [] 17 Pickup [] 18 Other [] 95 44-45	Van [] 01 Open top van [] 02 Refrigerated van [] 03 Livestock carrier [] 04 Flatbed [] 05 Low boy [] 06 Flatbed w/equip. [] 07 Flatbed w/sides [] 08 Pole/logging [] 09 Tank - liquid/gas [] 10 Tank - dry bulk [] 11 Auto carrier [] 12 Dump [] 13 BottomDump/hopper [] 14 Garbage/refuse [] 15 Concrete mixer [] 17 Other [] 95 46-47	Van [] 01 Open top van [] 02 Refrigerated van [] 03 Livestock carrier [] 04 Flatbed [] 05 Low boy [] 06 Flatbed w/equip. [] 07 Flatbed w/sides [] 08 Pole/logging [] 09 Tank - liquid/gas [] 10 Tank - dry bulk [] 11 Auto carrier [] 12 Dump [] 13 BottomDump/hopper [] 14 Garbage/refuse [] 15 Concrete mixer [] 17 Other [] 95 48-49	Van [] 01 Open top van [] 02 Refrigerated van [] 03 Livestock carrier [] 04 Flatbed [] 05 Low boy [] 06 Flatbed w/equip. [] 07 Flatbed w/sides [] 08 Pole/logging [] 09 Tank - liquid/gas [] 10 Tank - dry bulk [] 11 Auto carrier [] 12 Dump [] 13 BottomDump/hopper [] 14 Garbage/refuse [] 15 Concrete mixer [] 17 Other [] 95 50-51

Describe "other"
body style above.

Editor section:

52 53 54 55 56 57 58 59 60 61

62 63 64 65 66 67 68 69 70 71

72 73 74 75 76 77 78 79 80 81

82 83 84 85 86 87 88 89 90 91

CARGO INFORMATION

Revised 06/26/2009

POWER UNIT

FIRST TRAILER

SECOND TRAILER

THIRD TRAILER

12. CARGO:

Empty	[] 00
General freight	[] 01
Household goods	[] 02
Building materials	[] 03
Metal (coils, sheets)	[] 04
Heavy machinery	[] 05
Large objects	[] 06
Motor vehicles	[] 07
Piggyback/towaway	[] 08
Gases in bulk	[] 09
Solids in bulk	[] 10
Liquids in bulk	[] 11
Explosives	[] 12
Logs, poles, lumber	[] 13
Refrigerated foods	[] 14
Mobile home	[] 15
Farm products	[] 16
Live animals	[] 17
Other	[] 18
Not for cargo	[] 94
Unknown type	[] 95

[] 00
[] 01
[] 02
[] 03
[] 04
[] 05
[] 06
[] 07
[] 08
[] 09
[] 10
[] 11
[] 12
[] 13
[] 14
[] 15
[] 16
[] 17
[] 18
[] 94
[] 95
92-93

Empty	[] 00
General freight	[] 01
Household goods	[] 02
Building materials	[] 03
Metal (coils, sheets)	[] 04
Heavy machinery	[] 05
Large objects	[] 06
Motor vehicles	[] 07
Piggyback/towaway	[] 08
Gases in bulk	[] 09
Solids in bulk	[] 10
Liquids in bulk	[] 11
Explosives	[] 12
Logs, poles, lumber	[] 13
Refrigerated foods	[] 14
Mobile home	[] 15
Farm products	[] 16
Live animals	[] 17
Other	[] 18
Not for cargo	[] 94
Unknown type	[] 95

[] 00
[] 01
[] 02
[] 03
[] 04
[] 05
[] 06
[] 07
[] 08
[] 09
[] 10
[] 11
[] 12
[] 13
[] 14
[] 15
[] 16
[] 17
[] 18
[] 94
[] 95
94-95

Empty	[] 00
General freight	[] 01
Household goods	[] 02
Building materials	[] 03
Metal (coils, sheets)	[] 04
Heavy machinery	[] 05
Large objects	[] 06
Motor vehicles	[] 07
Piggyback/towaway	[] 08
Gases in bulk	[] 09
Solids in bulk	[] 10
Liquids in bulk	[] 11
Explosives	[] 12
Logs, poles, lumber	[] 13
Refrigerated foods	[] 14
Mobile home	[] 15
Farm products	[] 16
Live animals	[] 17
Other	[] 18
Not for cargo	[] 94
Unknown type	[] 95

[] 00
[] 01
[] 02
[] 03
[] 04
[] 05
[] 06
[] 07
[] 08
[] 09
[] 10
[] 11
[] 12
[] 13
[] 14
[] 15
[] 16
[] 17
[] 18
[] 94
[] 95
96-97

Empty	[] 00
General freight	[] 01
Household goods	[] 02
Building materials	[] 03
Metal (coils, sheets)	[] 04
Heavy machinery	[] 05
Large objects	[] 06
Motor vehicles	[] 07
Piggyback/towaway	[] 08
Gases in bulk	[] 09
Solids in bulk	[] 10
Liquids in bulk	[] 11
Explosives	[] 12
Logs, poles, lumber	[] 13
Refrigerated foods	[] 14
Mobile home	[] 15
Farm products	[] 16
Live animals	[] 17
Other	[] 18
Not for cargo	[] 94
Unknown type	[] 95

[] 00
[] 01
[] 02
[] 03
[] 04
[] 05
[] 06
[] 07
[] 08
[] 09
[] 10
[] 11
[] 12
[] 13
[] 14
[] 15
[] 16
[] 17
[] 18
[] 94
[] 95
98-99

Cargo _____
(Specify)

Cargo _____ (editor)
100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119

HAZARDOUS CARGO:

13. Any cargo that required a
Hazardous Materials Placard?

Yes [] 1
No [] 2
120

14. Enter the 4-digit number from Placard

_____	_____	_____	_____
121	122	123	124

15. Enter the Hazardous Materials Class
Number from bottom of Placard

125

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

No spillage
Spillage of non-hazardous cargo
Spillage of hazardous cargo

[] 0
[] 1
[] 2
126

VEHICLE USE

Owner Name _____

Owner's Business Type _____

17. Operating Authority at the Time of the Accident

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

Yes
No
Personal use only
Govt. owned
Daily rental

[]	1
[]	2
[]	5
[]	6
[]	7

127

At the time of the accident,
were you operating:

Private
(carry own goods)

[] 1

For hire
(carry other
people's goods)

[] 2

Personal use only
Govt. owned
Daily rental

[] 5

[] 6

[] 7

128

18. ITS/Collision Avoidance Systems or Devices

Speed limiter
Headway detection/forward crash warning
Side/object detection
Lane departure warning
Rollover warning
Electronic stability control
Power unit tracking
Trailer tracking

Yes	No	
[] 1	[] 2	129
[] 1	[] 2	130
[] 1	[] 2	131
[] 1	[] 2	132
[] 1	[] 2	133
[] 1	[] 2	134
[] 1	[] 2	135
[] 1	[] 2	136

19. Intended One-Way Trip Distance

Local < 51 miles

[] 1

Over-the-Road

51 to 100 miles

[] 2

101 to 150 miles

[] 3

151 to 200 miles

[] 4

201 to 500 miles

[] 5

Greater than 500 miles

[] 6

Unknown over-the-road trip distance

[] 7

137

20. How was the driver compensated for this trip?

Percent of gross trip revenue

[] 1

By hour

[] 2

By mile

[] 3

By hour & mile

[] 4

By load

[] 5

Other _____

[] 6

(Specify)

138

(editor)

139	140	141	142	143	144	145	146	147	148	149	150	151	152	153
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

21. How many hours had the driver been driving since the last 10-hour break?

154	155
-----	-----

Hrs.

REMAINDER TO BE COMPLETED BY EDITOR.

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

156	157
-----	-----

--

23. Interview?

Yes
No

[]	1
[]	2
158	

24. Police report?

Yes
No

[]	1
[]	2
159	

25. FAX/Mail/Email?

Yes
No

[]	1
[]	2
160	

DERIVED INFORMATION *(Insert question numbers.)*

161	162	163	164	165	166	167	168	169	170
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

26. PAR Number

171	172	173	174	175	176	177	178	179	180	181	182
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

27. DOT Number

183	184	185	186	187	188	189
-----	-----	-----	-----	-----	-----	-----

28. State PSC Number

190	191	192	193	194	195	196	197	198	199
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

29. State issuing

200	201
-----	-----

30. GVWR (editor)

202

31. GCWR (editor)

203