TRUCKS INVOLVED IN FATAL ACCIDENTS
CODEBOOK 2009

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(Preliminary Version October 18, 2011)

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16. Abstract

This report provides documentation for UMTRI's file of Trucks Involved in Fatal Accidents (TIFA), 2009, including distributions of the code values for each variable in the file. The 2009 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.

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INTRODUCTION

Overview

This report documents the October 18, 2011 version of the Trucks Involved in Fatal Accidents (TIFA) 2009 dataset. The report summarizes all the information in the computerized data file. The 2009 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 2009. 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 10Sept10 of the Fatality Analysis Reporting System (FARS) file for 2009 accidents, developed by the National Highway Traffic Safety Administration (NHTSA).

This is a preliminary version of the 2009 TIFA data, pending the release of the final version of the 2009 FARS file. When that file is released, a final version of the 2009 TIFA dataset will be compiled and released.

The 2009 TIFA file is a census file, which means there is one record for each of the 3,448 medium and heavy trucks involved in a fatal accident in 2009. 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) and vehicle configuration (variable 1048) could not be determined for 130 (3.8%) of the 3,448 cases. Gross vehicle weight rating (variable 1050) could not be determined for 139 (4.0%) cases and hours driving (variable 1062) is unknown for 1,142 (33.1%) 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 2009 TIFA file are not fully consistent with the files for 1980 through 2008. Accordingly, the 2009 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 151 cases. Iowa was missing only one out of their 65 cases.

The majority of missing police reports were from Pennsylvania; they supplied only two out of their 137 cases. Connecticut was unable to send any of their 15 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 10Sept10 of the 2009 FARS file lists 3,537 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.   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 62 cases were determined to be nonsample. Subtracting those 89 from the FARS file total of 3,537 cases leaves 3,448, which is the number of trucks involved in fatal accidents in 2009.

Format of Codebook

The main body of the codebook provides frequency distributions of all variables and code levels in the TIFA 2009 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 (174 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, 2009
FARS CRASH VARIABLES

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2009
FARS CRASH VARIABLES

THE CRASH VARIABLES

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

Variable	Name		Format	Type	Length
v1	CASE STATE		FSTATES	Numeric	4

N	Prcnt	Code	Label
85	2.5	1	Alabama
4	0.1	2	Alaska
67	1.9	4	Arizona
82	2.4	5	Arkansas
273	7.9	6	California
48	1.4	8	Colorado
15	0.4	9	Connecticut
9	0.3	10	Delaware
1	0.0	11	District of Columbia
190	5.5	12	Florida
140	4.1	13	Georgia
4	0.1	15	Hawaii
18	0.5	16	Idaho
95	2.8	17	Illinois
110	3.2	18	Indiana
65	1.9	19	Iowa
57	1.7	20	Kansas
114	3.3	21	Kentucky
88	2.6	22	Louisiana
25	0.7	23	Maine
50	1.5	24	Maryland
22	0.6	25	Massachusetts
68	2.0	26	Michigan
49	1.4	27	Minnesota
59	1.7	28	Mississippi
79	2.3	29	Missouri
26	0.8	30	Montana
45	1.3	31	Nebraska
22	0.6	32	Nevada
9	0.3	33	New Hampshire
70	2.0	34	New Jersey
42	1.2	35	New Mexico
110	3.2	36	New York

N	Prcnt	Code	Label
116	3.4	37	North Carolina
27	0.8	38	North Dakota
115	3.3	39	Ohio
101	2.9	40	Oklahoma
32	0.9	41	Oregon
137	4.0	42	Pennsylvania
3	0.1	44	Rhode Island
84	2.4	45	South Carolina
12	0.3	46	South Dakota
89	2.6	47	Tennessee
336	9.7	48	Texas
30	0.9	49	Utah
4	0.1	50	Vermont
83	2.4	51	Virginia
40	1.2	53	Washington
34	1.0	54	West Virginia
48	1.4	55	Wisconsin
16	0.5	56	Wyoming

Variable	Name	Format	Type	Length
v2	CASE NUMBER	4	Numeric	4

CASE NUMBER ASSIGNED WITHIN STATES

N	Prcnt	Code	Label
1	0.0	1	
		-	Case number
1	0.0	2818	

Variable	Name	Format	Type	Length
v7	CITY		Numeric	4

CITY – GSA GEOGRAPHIC LOCATION CODE

N	Prcnt	Code	Label
2,145	62.2	0	Not applicable
1	0.0	4	
		-	GSA code
12	0.3	9997	Other

Variable	Name	Format	Type	Length
v8	COUNTY		Numeric	3

COUNTY – GSA GEOGRAPHIC LOCATION CODE

N	Prcnt	Code	Label
49	1.4	1	
		-	GSA code
1	0.0	770	

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

N	Prcnt	Code	Label
312	9.0	1	January
224	6.5	2	February
249	7.2	3	March
302	8.8	4	April
255	7.4	5	May
319	9.3	6	June
317	9.2	7	July
308	8.9	8	August
276	8.0	9	September
288	8.4	10	October
287	8.3	11	November
311	9.0	12	December

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

N	Prcnt	Code	Label
109	3.2	1	
		-	Day of month
53	1.5	31	

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

N	Prcnt	Code	Label
3,448	100.0	2009	2009

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

N	Prcnt	Code	Label
79	2.3	0	12:00 am - 12:59 am
90	2.6	1	1:00 am - 1:59 am
106	3.1	2	2:00 am - 2:59 am
79	2.3	3	3:00 am - 3:59 am
102	3.0	4	4:00 am - 4:59 am
138	4.0	5	5:00 am - 5:59 am
188	5.5	6	6:00 am - 6:59 am
135	3.9	7	7:00 am - 7:59 am
172	5.0	8	8:00 am - 8:59 am
176	5.1	9	9:00 am - 9:59 am
190	5.5	10	10:00 am - 10:59 am
206	6.0	11	11:00 am - 11:59 am
188	5.5	12	12:00 pm - 12:59 pm
214	6.2	13	1:00 pm - 1:59 pm
236	6.8	14	2:00 pm - 2:59 pm
218	6.3	15	3:00 pm - 3:59 pm
172	5.0	16	4:00 pm - 4:59 pm
161	4.7	17	5:00 pm - 5:59 pm
129	3.7	18	6:00 pm - 6:59 pm
114	3.3	19	7:00 pm - 7:59 pm
84	2.4	20	8:00 pm - 8:59 pm
83	2.4	21	9:00 pm - 9:59 pm
92	2.7	22	10:00 pm - 10:59 pm
78	2.3	23	11:00 pm - 11:59 pm
18	0.5	99	Unknown

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

N	Prcnt	Code	Label
167	4.8	0	
		-	Minute
47	1.4	59	
18	0.5	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 CRASH

N	Prcnt	Code	Label
664	19.3	1	1 vehicle
2,140	62.1	2	2 vehicles
400	11.6	3	3 vehicles
121	3.5	4	4 vehicles
49	1.4	5	5 vehicles
14	0.4	6	6 vehicle
15	0.4	7	7 vehicles
1	0.0	8	8 vehicles
8	0.2	9	9 vehicles
4	0.1	11	11 vehicles
7	0.2	13	13 vehicles
5	0.1	14	14 vehicles
5	0.1	16	16 vehicles
5	0.1	27	27 vehicles
10	0.3	29	29 vehicles

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

N	Prcnt	Code	Label
621	18.0	1	1 vehicle
2,160	62.6	2	2 vehicles
408	11.8	3	3 vehicles
124	3.6	4	4 vehicles

N	Prcnt	Code	Label
56	1.6	5	5 vehicles
19	0.6	6	6 vehicle
15	0.4	7	7 vehicles
1	0.0	8	8 vehicles
8	0.2	9	9 vehicles
4	0.1	11	11 vehicles
7	0.2	13	13 vehicles
5	0.1	14	14 vehicles
5	0.1	17	17 vehicles
5	0.1	27	27 vehicles
10	0.3	30	30 vehicles

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

NUMBER OF PERSONS INVOLVED IN CRASH

Does not include uninjured bus or railway train occupants.

N	Prcnt	Code	Label
297	8.6	1	1 person
1,593	46.2	2	2 persons
723	21.0	3	3 persons
335	9.7	4	4 persons
187	5.4	5	5 persons
112	3.2	6	6 persons
69	2.0	7	7 persons
39	1.1	8	8 persons
17	0.5	9	9 persons
14	0.4	10	10 persons
5	0.1	11	11 persons
3	0.1	12	12 persons
1	0.0	13	13 persons
9	0.3	14	14 persons
7	0.2	16	16 persons
7	0.2	18	18 persons
5	0.1	19	19 persons
6	0.2	20	20 persons
1	0.0	21	21 persons
2	0.1	23	23 persons

N	Prcnt	Code	Label
1	0.0	31	31 persons
10	0.3	38	38 persons
5	0.1	51	51 persons

Variable	Name	Format	Type	Length
v16	LAND USE	V16_F	Numeric	3

LAND USE – FHWA CLASSIFICATION

Recode of Roadway Function Class (v18)

N	Prcnt	Code	Label
1,190	34.5	1	Urban area
2,242	65.0	2	Rural area
16	0.5	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.

N	Prcnt	Code	Label
1,592	46.2	0	This section is not on the National Highway System
1,841	53.4	1	This section is on the National Highway System
15	0.4	9	Unknown if this section is on the National Highway System

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

N	Prcnt	Code	Label
			Rural
541	15.7	1	Rural - Principal arterial - interstate
734	21.3	2	Rural - Principal arterial - other
409	11.9	3	Rural - Minor arterial
350	10.2	4	Rural - Major collector
60	1.7	5	Rural - Minor collector
144	4.2	6	Rural - Local road or street

N	Prcnt	Code	Label
4	0.1	9	Unknown rural

			Urban
410	11.9	11	Urban - Principal arterial - interstate
118	3.4	12	Urban - Principal arterial - other freeways or expressways
312	9.0	13	Urban - Other principal arterial
177	5.1	14	Urban - Minor arterial
68	2.0	15	Urban - Collector
101	2.9	16	Urban - Local road or street
4	0.1	19	Unknown urban
16	0.5	99	Unknown

Variable	Name		Format	Type	Length
v19	ROUTE SIGNING		FRTSIGN	Numeric	3

N	Prcnt	Code	Label
940	27.3	1	Interstate
812	23.5	2	U.S. highway
1,007	29.2	3	State highway
293	8.5	4	County road

			Local street
69	2.0	5	Township
223	6.5	6	Municipality
14	0.4	7	Frontage road
81	2.3	8	Other
9	0.3	9	Unknown

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

N	Prcnt	Code	Label
1	0.0	1	
		-	Roadway identifier
1	0.0	ZINC RD	

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

N	Prcnt	Code	Label
55	1.6	0	
		-	Roadway identifier
1	0.0	ZZ ROAD	

Variable	Name	Format	Type	Length
v21	MILEPOINT		Numeric	5

N	Prcnt	Code	Label
616	17.9	0	None
1	0.0	0.1	
		-	Actual to nearest .1 mile
1	0.0	99977	
439	12.7	99999	Unknown

Variable	Name	Format	Type	Length
v22	SPECIAL JURISDICTION	FSPECJUR	Numeric	3

N	Prcnt	Code	Label
3,422	99.2	0	No special jurisdiction
1	0.0	1	National Park Service
3	0.1	2	Military
21	0.6	3	Indian reservation
0	0.0	4	College/university campus
0	0.0	5	Other federal properties
1	0.0	8	Other
0	0.0	9	Unknown

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

FIRST EVENT CAUSING INJURY/PROPERTY DAMAGE

N	Prcnt	Code	Label
142	4.1	1	Overturn/rollover
0	0.0	2	Fire/explosion

N	Prnct	Code	Label
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
13	0.4	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
245	7.1	8	Pedestrian
60	1.7	9	Pedal cycle
13	0.4	10	Railway train
9	0.3	11	Live animal
2,532	73.4	12	Motor vehicle in-transport on same roadway
69	2.0	13	Motor vehicle in-transport on different roadway
24	0.7	14	Parked motor vehicle or motor vehicle stopped off roadway
5	0.1	15	Non-motorist on personal conveyance
0	0.0	16	Thrown or falling object
0	0.0	17	Boulder
12	0.3	18	Other object (not fixed)
0	0.0	19	Building
1	0.0	20	Impact attenuator/crash cushion
5	0.1	21	Bridge pier or abutment
1	0.0	22	Bridge parapet end
14	0.4	23	Bridge rail
78	2.3	24	Guardrail face
21	0.6	25	Concrete traffic barrier
2	0.1	26	Other traffic barrier
20	0.6	27	Highway/traffic sign post/sign
1	0.0	28	Overhead sign support/sign
0	0.0	29	Luminaire/light support
7	0.2	30	Utility pole
9	0.3	31	Other post, other pole or other supports
6	0.2	32	Culvert
8	0.2	33	Curb
29	0.8	34	Ditch
6	0.2	35	Embankment – earth
9	0.3	36	Embankment – rock, stone or concrete
10	0.3	37	Embankment – material type unknown
12	0.3	38	Fence
2	0.1	39	Wall
0	0.0	40	Fire hydrant
1	0.0	41	Shrubbery

N	Prcnt	Code	Label
27	0.8	42	Tree (standing tree only)
6	0.2	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
7	0.2	45	Working motor vehicle (construction, maintenance or utility vehicle only)
0	0.0	46	Traffic signal support/signal
0	0.0	47	Vehicle occupant struck or run over by own vehicle
0	0.0	48	Snow bank
2	0.1	49	Ridden animal or animal-drawn conveyance
2	0.1	50	Bridge overhead structure
3	0.1	51	Jackknife (causing injury or damage)
11	0.3	52	Guardrail end
5	0.1	53	Mail box
2	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
0	0.0	55	Motor vehicle in motion outside the trafficway
5	0.1	57	Cable barrier
6	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
    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

N	Prcnt	Code	Label
814	23.6	0	Not a collision with a motor vehicle
686	19.9	1	Front-to-rear (includes rear-end)
515	14.9	2	Front-to-front (includes head-on)
84	2.4	3	Angle – front-to-side, same direction
333	9.7	4	Angle – front-to-side, opposite direction
686	19.9	5	Angle – front-to-side, right angle (including broadside)
21	0.6	6	Angle – front-to-side/angle – direction not specified
135	3.9	7	Sideswipe – same direction
127	3.7	8	Sideswipe – opposite direction
13	0.4	9	Rear-to-side
0	0.0	10	Rear-to-rear
24	0.7	11	Other (end-swipes and others)
10	0.3	99	Unknown

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

N	Prcnt	Code	Label
			Non-interchange
2,310	67.0	1	Non-junction
716	20.8	2	Intersection
123	3.6	3	Intersection related
38	1.1	4	Driveway, alley access, etc.
18	0.5	5	Entrance/exit ramp related
16	0.5	6	Rail grade crossing
7	0.2	7	Cossover-related
59	1.7	8	Driveway access related

N	Prcnt	Code	Label
3	0.1	9	Unknown

Interchange Area

N	Prcnt	Code	Label
31	0.9	10	Intersection
18	0.5	11	Intersection related
1	0.0	12	Driveway access
38	1.1	13	Entrance/exit ramp related
0	0.0	14	Crossover-related
69	2.0	15	Other location in interchange
1	0.0	19	Unknown
0	0.0	99	Unknown

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

N	Prcnt	Code	Label
2,957	85.8	1	On roadway
147	4.3	2	Shoulder
65	1.9	3	Median
204	5.9	4	Roadside
25	0.7	5	Outside trafficway/outside right-of-way
34	1.0	6	Off roadway - location unknown
3	0.1	7	In parking lane/zone
6	0.2	8	Gore
3	0.1	10	Separator
2	0.1	11	Two-way continuous left-turn lane
2	0.1	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.

N	Prcnt	Code	Label
1,802	52.3	1	Not physically divided (two-way trafficway)
862	25.0	2	Divided highway, median strip (without traffic barrier)

N	Prcnt	Code	Label
620	18.0	3	Divided highway, median strip (with traffic barrier)
17	0.5	4	One-way trafficway
86	2.5	5	Not physically divided (with two-way continuous left-turn lane)
47	1.4	6	Entrance/exit ramp
14	0.4	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.

N	Prcnt	Code	Label
42	1.2	1	1 lane
2,468	71.6	2	2 lanes
288	8.4	3	3 lanes
491	14.2	4	4 lanes
67	1.9	5	5 lanes
46	1.3	6	6 lanes
17	0.5	7	7 or more lanes
29	0.8	9	Unknown

Variable	Name	Format	Type	Length
v29	SPEED LIMIT	FSPLMT	Numeric	3

N	Prcnt	Code	Label
3	0.1	0	No statutory limit
1	0.0	10	10 mph
2	0.1	15	15 mph
1	0.0	20	20 mph
60	1.7	25	25 mph
79	2.3	30	30 mph
172	5.0	35	35 mph
106	3.1	40	40 mph
357	10.4	45	45 mph
176	5.1	50	50 mph
1,115	32.3	55	55 mph
189	5.5	60	60 mph

N	Prcnt	Code	Label
636	18.4	65	65 mph
401	11.6	70	70 mph
96	2.8	75	75 mph
4	0.1	80	80 mph
50	1.5	99	Unknown

Variable	Name		Format	Type	Length
v30	ROADWAY ALIGNMENT		FALIG	Numeric	3

N	Prcnt	Code	Label
2,819	81.8	1	Straight
622	18.0	2	Curve
7	0.2	9	Unknown

Variable	Name		Format	Type	Length
v31	ROADWAY PROFILE		FGRAD82F	Numeric	3

N	Prcnt	Code	Label
2,469	71.6	1	Level
840	24.4	2	Grade
104	3.0	3	Hillcrest
9	0.3	4	Sag
26	0.8	9	Unknown

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

N	Prcnt	Code	Label
451	13.1	1	Concrete
2,911	84.4	2	Blacktop, bituminous, or asphalt
2	0.1	3	Brick or block
32	0.9	4	Slag, gravel or stone
10	0.3	5	Dirt
6	0.2	8	Other
36	1.0	9	Unknown

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

N	Prcnt	Code	Label
2,799	81.2	1	Dry
445	12.9	2	Wet
103	3.0	3	Snow or slush
85	2.5	4	Ice/frost
3	0.1	5	Sand, dirt, mud, gravel
1	0.0	6	Water (standing or moving)
2	0.1	7	Oil
4	0.1	8	Other
6	0.2	9	Unknown

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

N	Prcnt	Code	Label
2,487	72.1	0	No controls

*** Not at Railroad Grade Crossing ***

Highway traffic signals

N	Prcnt	Code	Label
19	0.6	1	Traffic control signal (on colors) without pedestrian signal
28	0.8	2	Traffic control signal (on colors) with pedestrian signal
223	6.5	3	Traffic control signal (on colors) not known whether or not pedestrian signal
18	0.5	4	Flashing traffic control signal
10	0.3	5	Flashing beacon
0	0.0	6	Flashing highway traffic signal, type unknown or other than traffic control or beacon
0	0.0	7	Lane use control signal
5	0.1	8	Other highway traffic signal
0	0.0	9	Unknown highway traffic signal

Regulatory signs

N	Prcnt	Code	Label
407	11.8	20	Stop sign
27	0.8	21	Yield sign
124	3.6	28	Other regulatory sign
0	0.0	29	Unknown type regulatory sign

N	Prcnt	Code	Label
			School zone signs
0	0.0	30	School speed limit sign
0	0.0	31	School advance or crossing sign
0	0.0	38	Other school related sign
0	0.0	39	Unknown type school zone sign
			Warning signs
43	1.2	40	Warning sign
13	0.4	41	Electronic warning sign
			Miscellaneous not at railroad crossing
10	0.3	50	Officer, crossing guard, flagman, etc.
			*** At Railroad Grade Crossing ***
			Active devices
5	0.1	60	Gates
1	0.0	61	Flashing lights
0	0.0	62	Traffic control signal
0	0.0	63	Wigwags
0	0.0	64	Bells
0	0.0	68	Other train activated device
1	0.0	69	Active device, type unknown
			Passive devices
6	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
0	0.0	79	Passive device, type unknown
			Miscellaneous devices at railroad crossing
0	0.0	80	Grade crossing controlled, type unknown
			*** Whether or Not at Railroad Grade Crossing ***
10	0.3	98	Other
10	0.3	99	Unknown

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

TRAFFIC CONTROL FUNCTIONING

N	Prcnt	Code	Label
2,487	72.1	0	No controls
2	0.1	1	Device not functioning
6	0.2	2	Device functioning improperly
942	27.3	3	Device functioning properly
11	0.3	9	Unknown

Variable	Name		Format	Type	Length
v37	LIGHT CONDITION		FLGT09F	Numeric	3

N	Prcnt	Code	Label
2,186	63.4	1	Daylight
783	22.7	2	Dark - not lighted
297	8.6	3	Dark but lighted
90	2.6	4	Dawn
50	1.5	5	Dusk
40	1.2	6	Dark - unknown lighting
2	0.1	9	Unknown

Variable	Name		Format	Type	Length
v38	ATMOSPHERIC CONDITIONS		FATM07F	Numeric	3

N	Prcnt	Code	Label
0	0.0	0	No additional atmospheric conditions
2,920	84.7	1	Clear/cloudy (no adverse conditions)
279	8.1	2	Rain
24	0.7	3	Sleet (hail)
121	3.5	4	Snow or blowing snow
62	1.8	5	Fog, smog, smoke
17	0.5	6	Severe crosswinds
14	0.4	7	Blowing sand, soil, dirt
6	0.2	8	Other
5	0.1	9	Unknown

Variable	Name	Format	Type	Length
v39	WORK ZONE	FCMZ82F	Numeric	3

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

N	Prcnt	Code	Label
3,282	95.2	0	None
127	3.7	1	Construction
17	0.5	2	Maintenance
6	0.2	3	Utility
16	0.5	4	Work zone, type unknown

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

N	Prcnt	Code	Label
40	1.2	0	12:00 - 12:59 am
47	1.4	1	
		-	Hour
50	1.5	23	
213	6.2	88	Not applicable (not notified)
1,130	32.8	99	Unknown EMS notification time

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

N	Prcnt	Code	Label
69	2.0	0	On the hour
33	1.0	1	
		-	Minute
27	0.8	59	
213	6.2	88	Not applicable (not notified)
30	0.9	98	Unknown whether notified
1,101	31.9	99	Unknown EMS notification time

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

N	Prcnt	Code	Label
43	1.2	0	12:00 - 12:59 am
42	1.2	1	
		-	Hour
61	1.8	23	
213	6.2	88	Not applicable (not notified)
1,070	31.0	99	Unknown EMS arrival time

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

N	Prcnt	Code	Label
61	1.8	0	On the hour
40	1.2	1	
		-	Minute
36	1.0	59	
213	6.2	88	Not applicable (not notified)
6	0.2	97	Officially cancelled
31	0.9	98	Unknown whether arrived
1,122	32.5	99	Unknown EMS arrival time

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

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

N	Prcnt	Code	Label
3,442	99.8	0	No
6	0.2	1	Yes
0	0.0	9	Unknown

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

RAIL GRADE CROSSING ID – FRA CODE

N	Prcnt	Code	Label
3,430	99.4	0000000	Not applicable
1	0.0	000900L	
		-	FRA Code
1	0.0	742968D	
7	0.2	9999999	Unknown

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

N	Prcnt	Code	Label
3,063	88.8	1	1 killed
292	8.5	2	2 killed
68	2.0	3	3 killed
19	0.6	4	4 killed
4	0.1	5	5 killed
1	0.0	6	6 killed
1	0.0	10	10 killed

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

N	Prcnt	Code	Label
242	7.0	1	Sunday
586	17.0	2	Monday
642	18.6	3	Tuesday
535	15.5	4	Wednesday
582	16.9	5	Thursday
542	15.7	6	Friday
319	9.3	7	Saturday

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

N	Prcnt	Code	Label
2,917	84.6	0	0 drivers
513	14.9	1	1 driver
18	0.5	2	2 drivers

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

The Julian date from March 1, 1990.

N	Prcnt	Code	Label
2	0.1	39754	January 1, 2009
		-	
12	0.3	40118	December 31, 2009

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

N	Prcnt	Code	Label
1,190	34.5	0	0 uninjured
1,594	46.2	1	1 uninjured
396	11.5	2	2 uninjured
119	3.5	3	3 uninjured
52	1.5	4	4 uninjured
26	0.8	5	5 uninjured
12	0.3	6	6 uninjured
11	0.3	7	7 uninjured
2	0.1	8	8 uninjured
5	0.1	9	9 uninjured
5	0.1	11	11 uninjured
18	0.5	12	12 uninjured
1	0.0	14	14 uninjured
2	0.1	15	15 uninjured
10	0.3	27	27 uninjured
5	0.1	34	34 uninjured

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

N	Prcnt	Code	Label
2,782	80.7	0	0 C-injured
522	15.1	1	1 C-injured
96	2.8	2	2 C-injured
31	0.9	3	3 C-injured
7	0.2	4	4 C-injured
8	0.2	5	5 C-injured
1	0.0	6	6 C-injured
1	0.0	15	15 C-injured

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

N	Prcnt	Code	Label
2,634	76.4	0	0 B-injured
577	16.7	1	1 B-injured
133	3.9	2	2 B-injured
57	1.7	3	3 B-injured
19	0.6	4	4 B-injured
14	0.4	5	5 B-injured
10	0.3	6	6 B-injured
2	0.1	7	7 B-injured
1	0.0	8	8 B-injured
1	0.0	28	28 B-injured

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

N	Prcnt	Code	Label
2,831	82.1	0	0 A-injured
463	13.4	1	1 A-injured
98	2.8	2	2 A-injured
37	1.1	3	3 A-injured
6	0.2	4	4 A-injured
5	0.1	5	5 A-injured
2	0.1	6	6 A-injured

N	Prcnt	Code	Label
1	0.0	7	7 A-injured
5	0.1	9	9 A-injured

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

N	Prcnt	Code	Label
3,063	88.8	1	1 killed
292	8.5	2	2 killed
68	2.0	3	3 killed
19	0.6	4	4 killed
4	0.1	5	5 killed
1	0.0	6	6 killed
1	0.0	10	10 killed

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

NUMBER OF UNKNOWN INJURED IN CRASH

N	Prcnt	Code	Label
3,440	99.8	0	0 unknown injured
6	0.2	1	1 unknown injured
2	0.1	2	2 unknown injured

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

FACTORS AT CRASH LEVEL – RESPONSE #1

N	Prcnt	Code	Label
3,183	92.3	0	None
3	0.1	1	Inadequate warning of exits, lanes narrowing, etc.
1	0.0	2	Shoulder design or condition
27	0.8	3	Other construction-created condition
2	0.1	4	No (or obscured) pavement marking
0	0.0	5	Surface under water

N	Prcnt	Code	Label
1	0.0	6	Inadequate construction or poor design of roadway, etc.

Special circumstances

N	Prcnt	Code	Label
0	0.0	7	Surface washed out (caved in, road slippage)
1	0.0	13	Aggressive driving/road rage by non-contact vehicle driver
88	2.6	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
6	0.2	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
7	0.2	16	Nonoccupant struck vehicle
0	0.0	17	Vehicle set-in-motion by nondriver
1	0.0	18	Date of accident and date of emergency medical services notification not same day
84	2.4	19	Recent previous accident scene nearby
19	0.6	20	Police pursuit involved
0	0.0	21	Within designated school zone
10	0.3	22	Speed limit is a statutory limit - state's "basic rule"
15	0.4	23	Indication of a stalled/disabled vehicle
0	0.0	99	Unknown

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

FACTORS AT CRASH LEVEL – RESPONSE #2

N	Prcnt	Code	Label
3,427	99.4	0	None
1	0.0	4	No (or obscured) pavement marking

Special circumstances

N	Prcnt	Code	Label
11	0.3	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	16	Nonoccupant struck vehicle
1	0.0	17	Vehicle set-in-motion by nondriver
2	0.1	19	Recent previous accident scene nearby
2	0.1	20	Police pursuit involved
3	0.1	23	Indication of a stalled/disabled vehicle

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

FACTORS AT CRASH LEVEL – RESPONSE #3

N	Prcnt	Code	Label
3,447	100.0	0	None

Special circumstances

N	Prcnt	Code	Label
1	0.0	23	Indication of a stalled/disabled vehicle

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

N	Prcnt	Code	Label
0	0.0	0	No additional atmospheric conditions
2,920	84.7	1	Clear/cloudy (no adverse conditions)
278	8.1	2	Rain
23	0.7	3	Sleet (hail)
121	3.5	4	Snow or blowing snow
64	1.9	5	Fog, smog, smoke
17	0.5	6	Severe crosswinds
14	0.4	7	Blowing sand, soil, dirt
6	0.2	8	Other
5	0.1	9	Unknown

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

N	Prcnt	Code	Label
3,404	98.7	0	No additional atmospheric conditions
22	0.6	1	Clear/cloudy (no adverse conditions)
3	0.1	2	Rain
1	0.0	3	Sleet (hail)
6	0.2	5	Fog, smog, smoke
5	0.1	6	Severe crosswinds
6	0.2	7	Blowing sand, soil, dirt
1	0.0	8	Other

Variable	Name	Format	Type	Length
v71	LATITUDE		Numeric	8

LATITUDE IN DECIMAL DEGREE FORMAT

N	Prcnt	Code	Label
1	0.0	19.636728	
		-	Latitude
1	0.0	61.366661	

Variable	Name	Format	Type	Length
v72	LONGITUDE		Numeric	8

LONGITUDE IN DECIMAL DEGREE FORMAT

N	Prcnt	Code	Label
1	0.0	-159.5816	
		-	Longitude
1	0.0	-67.83079	

The VEHICLE Variables

Variables 104 through 186 describe the vehicle involved in the accident (i.e., the truck).

Variable	Name			Format	Type	Length
v104	VEHICLE NUMBER			FVEHNUM	Numeric	4

N	Prcnt	Code	Label
1,558	45.2	1	Vehicle #1
1,578	45.8	2	Vehicle #2
219	6.4	3	Vehicle #3
44	1.3	4	Vehicle #4
15	0.4	5	Vehicle #5
5	0.1	6	Vehicle #6
4	0.1	7	Vehicle #7
3	0.1	8	Vehicle #8
6	0.2	9	Vehicle #9
3	0.1	10	Vehicle #10
2	0.1	12	Vehicle #12
2	0.1	13	Vehicle #13
1	0.0	14	Vehicle #14
1	0.0	15	Vehicle #15
1	0.0	16	Vehicle #16
1	0.0	17	Vehicle #17
1	0.0	20	Vehicle #20
1	0.0	22	Vehicle #22
1	0.0	23	Vehicle #23
1	0.0	24	Vehicle #24
1	0.0	25	Vehicle #25

Variable	Name			Format	Type	Length
v105	UNIT TYPE			FUNIT	Numeric	3

N	Prcnt	Code	Label
3,448	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)

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

N	Prcnt	Code	Label
30	0.9	0	0 occupants
2,906	84.3	1	1 occupant
427	12.4	2	2 occupants
49	1.4	3	3 occupants
27	0.8	4	4 occupants
7	0.2	5	5 occupants
1	0.0	7	7 occupants
1	0.0	16	16 occupants

Variable	Name	Format	Type	Length
v108	VEHICLE MAKE	FMAKE91F	Numeric	3

N	Prcnt	Code	Label
1	0.0	3	AM General
108	3.1	7	Dodge
337	9.8	12	Ford
92	2.7	20	Chevrolet
89	2.6	23	GMC
32	0.9	38	Isuzu
235	6.8	51	Volvo
9	0.3	52	Mitsubishi
787	22.8	82	Freightliner
1	0.0	83	FWD
517	15.0	84	International Harvester or Navistar
364	10.6	85	Kenworth
264	7.7	86	Mack
406	11.8	87	Peterbilt
29	0.8	89	White/Autocar or White/GMC
163	4.7	98	Other make
14	0.4	99	Unknown

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

N	Prcnt	Code	Label
1	0.0	3884	AM General medium/heavy truck
2	0.1	7461	B-series van/Ram van/Ram wagon
1	0.0	7462	Dodge Sprinter
74	2.1	7482	Dodge Ram pickup
23	0.7	7880	Dodge medium/heavy pickup
8	0.2	7881	Dodge medium/heavy -- cab behind engine
1	0.0	12401	Ford Bronco (through 1977)/Bronco II/Explorer/Explorer Sport
15	0.4	12461	Ford E-series van/Econoline
125	3.6	12481	Ford F-series pickup
1	0.0	12498	Ford other (light truck)
52	1.5	12880	Ford medium/heavy pickup (pickup-style only - over 10,000 lbs)
140	4.1	12881	Ford medium/heavy -- cab behind engine
1	0.0	12882	Ford medium/heavy -- cab over engine low entry
2	0.1	12884	Ford medium/heavy -- unknown engine location
4	0.1	20461	Chevrolet G-series van
1	0.0	20466	Chevrolet P-series van
25	0.7	20481	Chevrolet C, K, R, V-series pickup/Silverado
4	0.1	20880	Chevrolet medium/heavy pickup (pickup style only, over 10,000 lbs.)
52	1.5	20881	Chevrolet medium/heavy -- cab behind engine
3	0.1	20882	Chevrolet medium/heavy -- cab over engine low entry
1	0.0	20884	Chevrolet medium/heavy -- unknown engine location
1	0.0	20890	Chevrolet medium/heavy -- cab over engine, entry position unknown
1	0.0	20899	Chevrolet unknown (medium/heavy truck)
4	0.1	23461	GMC G-series van/Savana
16	0.5	23481	GMC C, K, R, V-series pickup/Sierra
9	0.3	23880	GMC medium/heavy pickup (pickup style only, over 10,000 lbs.)
49	1.4	23881	GMC medium/heavy -- cab behind engine
8	0.2	23882	GMC medium/heavy -- cab over engine low entry
2	0.1	23884	GMC medium/heavy -- unknown engine location
1	0.0	23899	GMC unknown (medium/heavy truck)
1	0.0	38399	Isuzu unknown (automobile)
30	0.9	38882	Isuzu medium/heavy -- cab over engine low entry
1	0.0	38898	Isuzu other (medium/heavy truck)
200	5.8	51881	Volvo medium/heavy -- cab behind engine
4	0.1	51882	Volvo medium/heavy -- cab over engine low entry

N	Prcnt	Code	Label
6	0.2	51883	Volvo medium/heavy -- cab over engine high entry
16	0.5	51884	Volvo medium/heavy -- unknown engine location
3	0.1	51890	Volvo medium/heavy -- cab over engine unknown entry position
2	0.1	51898	Volvo other (medium/heavy truck)
4	0.1	51899	Volvo unknown (medium/heavy truck)
9	0.3	52882	Mitsubishi medium/heavy -- cab over engine low entry
511	14.8	82881	Freightliner medium/heavy -- cab behind engine
2	0.1	82882	Freightliner medium/heavy -- cab over engine low entry
234	6.8	82883	Freightliner medium/heavy -- cab over engine high entry
21	0.6	82884	Freightliner medium/heavy -- unknown engine location
6	0.2	82890	Freightliner medium/heavy -- cab over engine unknown entry position
8	0.2	82898	Freightliner other (medium/heavy truck)
5	0.1	82899	Freightliner unknown (medium/heavy truck)
1	0.0	83881	FWD medium/heavy -- cab behind engine
1	0.0	84481	International Harvester/Navistar pickup
443	12.8	84881	International Harvester/Navistar medium/heavy -- cab behind engine
2	0.1	84882	International Harvester/Navistar medium/heavy -- cab over engine low entry
17	0.5	84883	International Harvester/Navistar medium/heavy -- cab over engine high entry
48	1.4	84884	International Harvester/Navistar medium/heavy -- unknown engine location
3	0.1	84890	International Harvester/Navistar medium/heavy -- cab over engine unknown entry position
1	0.0	84898	International Harvester/Navistar other (medium/heavy truck)
2	0.1	84899	International Harvester/Navistar unknown (medium/heavy truck)
347	10.1	85881	Kenworth medium/heavy -- cab behind engine
1	0.0	85883	Kenworth medium/heavy -- cab over engine high entry
8	0.2	85884	Kenworth medium/heavy -- unknown engine location
5	0.1	85890	Kenworth medium/heavy -- cab over engine unknown entry position
3	0.1	85899	Kenworth unknown (medium/heavy truck)
213	6.2	86881	Mack medium/heavy -- cab behind engine
29	0.8	86882	Mack medium/heavy -- cab over engine low entry
2	0.1	86883	Mack medium/heavy -- cab over engine high entry
13	0.4	86884	Mack medium/heavy -- unknown engine location
2	0.1	86890	Mack medium/heavy -- cab over engine unknown entry position
3	0.1	86898	Mack other (medium/heavy truck)
2	0.1	86899	Mack unknown (medium/heavy truck)

N	Prcnt	Code	Label
376	10.9	87881	Peterbilt medium/heavy -- cab behind engine
5	0.1	87882	Peterbilt medium/heavy -- cab over engine low entry
4	0.1	87883	Peterbilt medium/heavy -- cab over engine high entry
16	0.5	87884	Peterbilt medium/heavy -- unknown engine location
1	0.0	87898	Peterbilt other (medium/heavy truck)
4	0.1	87899	Peterbilt unknown (medium/heavy truck)
23	0.7	89881	White/Autocar-White/GMC medium/heavy -- cab behind engine
2	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
1	0.0	89884	White/Autocar-White/GMC medium/heavy -- unknown engine location
2	0.1	89898	White/Autocar-White/GMC other (medium/heavy truck)
36	1.0	98804	Other make Western Star
3	0.1	98805	Other make Oshkosh
10	0.3	98806	Other make Hino
12	0.3	98808	Other make UD
89	2.6	98809	Other make Sterling
5	0.1	98881	Other make medium/heavy -- cab behind engine
1	0.0	98882	Other make medium/heavy -- cab over engine low entry
4	0.1	98884	Other make medium/heavy -- unknown engine location
3	0.1	98898	Other make other (medium/heavy truck)
1	0.0	99881	Unknown make medium/heavy -- cab behind engine
10	0.3	99884	Unknown make medium/heavy -- unknown engine location
1	0.0	99898	Unknown make other (medium/heavy truck)
2	0.1	99899	Unknown make unknown (medium/heavy truck)

Variable	Name		Format	Type	Length
v110	BODY TYPE		FBODY03F	Numeric	3

N	Prcnt	Code	Label
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.

N	Prcnt	Code	Label
24	0.7	21	Large van – includes van-based buses
3	0.1	22	Step-van or walk-in van

N	Prcnt	Code	Label
			Light truck, gross vehicle weight rating <= 10,000 lbs.
227	6.6	31	Standard pickup (gross vehicle weight rating 4,500 to 10,000 lbs.)
3	0.1	32	Pickup with slide-in camper
2	0.1	39	Unknown (pickup style) light conventional truck type
			Other light conventional truck, gross vehicle weight rating <= 10,000 lbs.
10	0.3	40	Cab chassis based (includes light stake, light dump, light tow, rescue vehicles)
			Heavy/medium truck, gross vehicle weight rating > 10,000 lbs.
15	0.4	60	Step van
190	5.5	61	Single-unit straight truck (10,000 lbs < gross vehicle weight rating <= 19,500 lbs)
185	5.4	62	Single-unit straight truck (19,500 lbs < gross vehicle weight rating <= 26,000 lbs)
528	15.3	63	Single-unit straight truck (gross vehicle weight rating > 26,000 lbs)
5	0.1	64	Single-unit straight truck (gross vehicle weight rating unknown)
2,158	62.6	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
88	2.6	67	Medium/heavy pickup (Ford Super Duty 450/550)
2	0.1	72	Unknown if single-unit or combination unit heavy truck (gross vehicle weight rating > 26,000)
6	0.2	78	Unknown medium/heavy truck type

Variable	Name		Format	Type	Length
v111	MODEL YEAR		FMODYR	Numeric	4

N	Prcnt	Code	Label
1	0.0	1959	1959
		-	Actual model year
31	0.9	1990	1990
24	0.7	1991	1991
29	0.8	1992	1992
43	1.2	1993	1993
60	1.7	1994	1994
91	2.6	1995	1995
94	2.7	1996	1996

N	Prcnt	Code	Label
104	3.0	1997	1997
128	3.7	1998	1998
194	5.6	1999	1999
239	6.9	2000	2000
186	5.4	2001	2001
148	4.3	2002	2002
154	4.5	2003	2003
183	5.3	2004	2004
310	9.0	2005	2005
389	11.3	2006	2006
489	14.2	2007	2007
204	5.9	2008	2008
146	4.2	2009	2009
33	1.0	2010	2010
21	0.6	9999	Unknown

Variable	Name	Format	Type	Length
v112	VIN	$12	Char	12

VEHICLE IDENTIFICATION NUMBER – FIRST 12 POSITIONS

Variable	Name	Format	Type	Length
v123	REGISTRATION STATE	FREG08ST	Numeric	3

N	Prcnt	Code	Label
26	0.8	0	Not applicable
64	1.9	1	Alabama
4	0.1	2	Alaska
51	1.5	4	Arizona
51	1.5	5	Arkansas
213	6.2	6	California
35	1.0	8	Colorado
8	0.2	9	Connecticut
10	0.3	10	Delaware
1	0.0	11	District of Columbia
179	5.2	12	Florida
82	2.4	13	Georgia

N	Prcnt	Code	Label
4	0.1	15	Hawaii
18	0.5	16	Idaho
164	4.8	17	Illinois
174	5.0	18	Indiana
57	1.7	19	Iowa
49	1.4	20	Kansas
54	1.6	21	Kentucky
59	1.7	22	Louisiana
22	0.6	23	Maine
40	1.2	24	Maryland
26	0.8	25	Massachusetts
45	1.3	26	Michigan
62	1.8	27	Minnesota
44	1.3	28	Mississippi
63	1.8	29	Missouri
21	0.6	30	Montana
48	1.4	31	Nebraska
16	0.5	32	Nevada
10	0.3	33	New Hampshire
63	1.8	34	New Jersey
19	0.6	35	New Mexico
102	3.0	36	New York
106	3.1	37	North Carolina
25	0.7	38	North Dakota
106	3.1	39	Ohio
147	4.3	40	Oklahoma
23	0.7	41	Oregon
99	2.9	42	Pennsylvania
3	0.1	44	Rhode Island
61	1.8	45	South Carolina
16	0.5	46	South Dakota
89	2.6	47	Tennessee
217	6.3	48	Texas
35	1.0	49	Utah
5	0.1	50	Vermont
61	1.8	51	Virginia
38	1.1	53	Washington
18	0.5	54	West Virginia
60	1.7	55	Wisconsin

N	Prcnt	Code	Label
12	0.3	56	Wyoming
32	0.9	92	No registration
335	9.7	93	Multiple state registration
7	0.2	94	U.S. government tags (includes military)
31	0.9	95	Canada
3	0.1	96	Mexico
2	0.1	97	Other foreign country
33	1.0	99	Unknown

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

N	Prcnt	Code	Label
58	1.7	0	Not applicable, vehicle not registered
480	13.9	1	Driver (in this crash) was registered owner
276	8.0	2	Driver (in this crash) not registered owner (other private owner listed)
2,527	73.3	3	Vehicle registered as business/company/government vehicle
42	1.2	4	Vehicle registered as rental vehicle
2	0.1	5	Vehicle was stolen (reported by police)
22	0.6	6	Driverless/motor vehicle parked/stopped off roadway
41	1.2	9	Unknown

Variable	Name		Format	Type	Length
v125	ROLLOVER		FROLL09F	Numeric	3

N	Prcnt	Code	Label
2,979	86.4	0	No rollover
337	9.8	1	Tripped by object/vehicle
113	3.3	2	Rollover, untripped
19	0.6	9	Rollover, unknown type

Variable	Name	Format	Type	Length
v125B	LOCATION OF ROLLOVER	FRLOCAT	Numeric	3

N	Prcnt	Code	Label
2,979	86.4	0	No rollover
136	3.9	1	On roadway
52	1.5	2	On shoulder
37	1.1	3	On median/separator
5	0.1	4	In gore
184	5.3	5	On roadside
48	1.4	6	Outside of traffic way
7	0.2	9	Unknown

Variable	Name	Format	Type	Length
v126	JACKKNIFE	FJK90F	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.

N	Prcnt	Code	Label
1,144	33.2	0	Not an articulated vehicle
2,154	62.5	1	No
36	1.0	2	Yes, first event
114	3.3	3	Yes, subsequent event

Variable	Name	Format	Type	Length
v127	TRAVEL SPEED	FSPED09F	Numeric	3

N	Prcnt	Code	Label
176	5.1	0	Stopped motor vehicle in-transport
2	0.1	1	
		-	Actual miles per hour
1	0.0	120	
1,544	44.8	998	Not reported
255	7.4	999	Unknown

Variable	Name	Format	Type	Length
v129	VEHICLE TRAILERING	FVTOW09F	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.

N	Prcnt	Code	Label
1,132	32.8	0	No trailing units
2,206	64.0	1	One trailing unit
87	2.5	2	Two trailing units
3	0.1	3	Three or more trailing units
2	0.1	4	Yes, number of trailing units unknown
12	0.3	5	Vehicle towing another motor vehicle - fixed linkage
1	0.0	6	Vehicle towing another motor vehicle - non-fixed linkage
5	0.1	9	Unknown

Variable	Name	Format	Type	Length
v130	VEHICLE CONFIGURATION	FVCON01F	Numeric	3

N	Prcnt	Code	Label
238	6.9	0	Not applicable, not a medium/heavy truck, bus or vehicle displaying a hazardous material placard
523	15.2	1	Single-unit Truck (2 axles, 6 tires)
321	9.3	2	Single-unit truck (3 or more axles)
105	3.0	3	Single-unit truck (unknown number of axles, tires)
87	2.5	4	Truck/trailer(s)
54	1.6	5	Truck tractor (bobtail)
1,948	56.5	6	Tractor/semi-trailer (one trailer)
86	2.5	7	Tractor/doubles (two trailers)
3	0.1	8	Tractor/triples (three trailers)
72	2.1	19	Medium/heavy truck, cannot classify
1	0.0	20	Bus (seats 9-15 people, including driver)
1	0.0	70	Light truck (van, mini van, panel, pickup, sport utility vehicle displaying a hazardous materials placard)
9	0.3	99	Unknown if light or medium/heavy truck/bus

Variable	Name	Format	Type	Length
v132	CARGO BODY TYPE	FCBT09F	Numeric	3

N	Prcnt	Code	Label
239	6.9	0	Not applicable
1,503	43.6	1	Van/enclosed box
277	8.0	2	Cargo tank
364	10.6	3	Flatbed
264	7.7	4	Dump
24	0.7	5	Concrete mixer
28	0.8	6	Auto transporter
84	2.4	7	Garbage/refuse
94	2.7	8	Grain, chips, gravel
21	0.6	9	Pole - trailer
32	0.9	10	Log
5	0.1	11	Intermodal container chassis
8	0.2	12	Vehicle towing another motor vehicle
1	0.0	22	Bus
158	4.6	96	No cargo body type
158	4.6	97	Other
176	5.1	98	Unknown cargo body type
12	0.3	99	Unknown

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.

N	Prcnt	Code	Label
3,446	99.9	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
0	0.0	4	Military
0	0.0	5	Police
1	0.0	6	Ambulance
0	0.0	7	Fire truck
0	0.0	8	Emergency services vehicle
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.

N	Prcnt	Code	Label
3,446	99.9	0	No
2	0.1	1	Yes

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

N	Prcnt	Code	Label
82	2.4	0	Noncollision
130	3.8	1	1 o'clock
65	1.9	2	2 o'clock
118	3.4	3	3 o'clock
58	1.7	4	4 o'clock
59	1.7	5	5 o'clock
444	12.9	6	6 o'clock
82	2.4	7	7 o'clock
108	3.1	8	8 o'clock
154	4.5	9	9 o'clock
84	2.4	10	10 o'clock
173	5.0	11	11 o'clock
1,744	50.6	12	12 o'clock
13	0.4	13	Top
73	2.1	14	Undercarriage
9	0.3	18	Vehicle set something in motion causing injury or damage (not a clock point)
52	1.5	99	Unknown

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

N	Prcnt	Code	Label
82	2.4	0	Noncollision
121	3.5	1	1 o'clock

N	Prcnt	Code	Label
56	1.6	2	2 o'clock
110	3.2	3	3 o'clock
55	1.6	4	4 o'clock
64	1.9	5	5 o'clock
427	12.4	6	6 o'clock
85	2.5	7	7 o'clock
107	3.1	8	8 o'clock
162	4.7	9	9 o'clock
76	2.2	10	10 o'clock
188	5.5	11	11 o'clock
1,712	49.7	12	12 o'clock
41	1.2	13	Top
90	2.6	14	Undercarriage
12	0.3	18	Vehicle set something in motion causing injury or damage (not a clock point)
60	1.7	99	Unknown

Variable	Name	Format	Type	Length
v137	EXTENT OF DAMAGE	DEFOR09F	Numeric	3

N	Prcnt	Code	Label
194	5.6	0	No damage
539	15.6	2	Minor damage
581	16.9	4	Functional damage
2,047	59.4	6	Disabling damage
87	2.5	9	Unknown

Variable	Name	Format	Type	Length
v138	VEHICLE ROLE	FIMPAC	Numeric	3

N	Prcnt	Code	Label
82	2.4	0	Non-collision
1,658	48.1	1	Striking
1,518	44.0	2	Struck
180	5.2	3	Both
10	0.3	9	Unknown

Variable	Name		Format	Type	Length
v139	VEHICLE REMOVAL		FTOW90F	Numeric	3

N	Prcnt	Code	Label
811	23.5	1	Driven away
2,071	60.1	2	Towed due to disabling damage
483	14.0	3	Towed not due to disabling damage
11	0.3	4	Abandoned/left scene
72	2.1	9	Unknown if towed

Variable	Name		Format	Type	Length
v140	FIRE OCCURRENCE		FFIRE09F	Numeric	3

N	Prcnt	Code	Label
3,255	94.4	0	No or not reported
193	5.6	1	Yes

Variable	Name		Format	Type	Length
v142	VEHICLE MANEUVER		FV_MAN	Numeric	3

N	Prcnt	Code	Label
2,430	70.5	1	Going straight
101	2.9	2	Slowing or stopping in traffic lane
43	1.2	3	Starting in traffic lane
196	5.7	4	Stopped in traffic lane
27	0.8	5	Passing or overtaking another vehicle
8	0.2	6	Leaving a parked position
3	0.1	7	Parked
1	0.0	8	Entering a parked position
46	1.3	9	Controlled maneuver to avoid animal, pedestrian, object, another vehicle, etc.
11	0.3	10	Turning right: right turn on red permitted
65	1.9	12	Turning right: right turn on red not known if permitted or right turn on red not applicable
148	4.3	13	Turning left
7	0.2	14	Making a U-turn
32	0.9	15	Backing up (other than for parking purposes)
54	1.6	16	Changing lanes or merging
256	7.4	17	Negotiating a curve

N	Prnct	Code	Label
12	0.3	98	Other
8	0.2	99	Unknown

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

N	Prnct	Code	Label
1,478	42.9	0	No avoidance maneuver reported
200	5.8	1	Braking (skid marks evident)
66	1.9	2	Braking (no skid marks; driver stated)
48	1.4	3	Braking (other reported evidence)
357	10.4	4	Steering (evidence or stated)
280	8.1	5	Steering and braking (evidence or stated)
17	0.5	6	Other avoidance maneuver
1,002	29.1	8	Not reported/inconclusive (by police)

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

N	Prnct	Code	Label
246	7.1	1	Overturn/rollover
98	2.8	2	Fire/explosion
6	0.2	3	Immersion
11	0.3	5	Fell/jumped from vehicle
2	0.1	6	Injured in vehicle (other than cargo/equipment loss/shift)
3	0.1	7	Other non-collision
261	7.6	8	Pedestrian
61	1.8	9	Pedal cycle
13	0.4	10	Railway train
2	0.1	11	Live animal
2,521	73.1	12	Motor vehicle in-transport on same roadway
31	0.9	13	Motor vehicle in-transport on different roadway
11	0.3	14	Parked motor vehicle or motor vehicle stopped off roadway
5	0.1	15	Non-motorist on personal conveyance
2	0.1	16	Thrown or falling object
4	0.1	18	Other object (not fixed)
1	0.0	19	Building
10	0.3	21	Bridge pier or abutment

N	Prcnt	Code	Label
1	0.0	22	Bridge parapet end
3	0.1	23	Bridge rail
8	0.2	24	Guardrail face
3	0.1	25	Concrete traffic barrier
1	0.0	26	Other traffic barrier
2	0.1	27	Highway/traffic sign post/sign
9	0.3	30	Utility pole
2	0.1	31	Other post, other pole or other supports
2	0.1	32	Culvert
14	0.4	34	Ditch
5	0.1	35	Embankment - earth
6	0.2	36	Embankment - rock, stone or concrete
5	0.1	37	Embankment - material type unknown
6	0.2	38	Fence
1	0.0	39	Wall
49	1.4	42	Tree (standing tree only)
1	0.0	43	Other fixed object
3	0.1	45	Working motor vehicle (construction, maintenance or utility vehicle only)
1	0.0	47	Vehicle occupant struck or run over by own vehicle
2	0.1	49	Ridden animal or animal-drawn conveyance
2	0.1	50	Bridge overhead structure
4	0.1	51	Jackknife (causing injury or damage)
1	0.0	52	Guardrail end
23	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
5	0.1	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

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

NUMBER OF DEATHS IN VEHICLE

N	Prcnt	Code	Label
2,905	84.3	0	0 deaths
516	15.0	1	1 death
26	0.8	2	2 deaths
1	0.0	3	3 deaths

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

N	Prcnt	Code	Label
0	0.0	1	(E) Electric operated
127	3.7	2	(G) Gas
3,189	92.5	3	(D) Diesel
1	0.0	4	(P) Propane
0	0.0	7	(*) Not available from vehicle identification number
0	0.0	8	(b) Unknown
131	3.8	9	(9) No vehicle identification number information

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

N	Prcnt	Code	Label
10	0.3	0	value not returned
1	0.0	2	6,001 - 10,000 lbs.
358	10.4	3	10,001 - 14,000 lbs.
94	2.7	4	14,001 - 16,000 lbs.
76	2.2	5	16,001 - 19,500 lbs.
201	5.8	6	19,501 - 26,000 lbs.
241	7.0	7	26,001 - 33,000 lbs.
2,352	68.2	8	33,001 lbs. or more
115	3.3	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

N	Prcnt	Code	Label
2	0.1	5	
		-	Actual length
3,410	98.9	17	

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

NUMBER UNINJURED IN VEHICLE

N	Prcnt	Code	Label
1,381	40.1	0	0 uninjured
1,795	52.1	1	1 uninjured
236	6.8	2	2 uninjured
20	0.6	3	3 uninjured
12	0.3	4	4 uninjured
2	0.1	5	5 uninjured

N	Prcnt	Code	Label
1	0.0	6	6 uninjured
1	0.0	15	15 uninjured

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

NUMBER C-INJURED IN VEHICLE

N	Prcnt	Code	Label
3,034	88.0	0	0 C-injured
382	11.1	1	1 C-injured
26	0.8	2	2 C-injured
3	0.1	3	3 C-injured
2	0.1	4	4 C-injured
1	0.0	5	5 C-injured

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

NUMBER B-INJURED IN VEHICLE

N	Prcnt	Code	Label
3,032	87.9	0	0 B-injured
391	11.3	1	1 B-injured
20	0.6	2	2 B-injured
1	0.0	3	3 B-injured
4	0.1	4	4 B-injured

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

NUMBER A-INJURED IN VEHICLE

N	Prcnt	Code	Label
3,288	95.4	0	0 A-injured
150	4.4	1	1 A-injured
10	0.3	2	2 A-injured

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

NUMBER K-INJURED IN VEHICLE

N	Prcnt	Code	Label
2,905	84.3	0	0 killed
516	15.0	1	1 killed
26	0.8	2	2 killed
1	0.0	3	3 killed

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

NUMBER UNKNOWN INJURED IN VEHICLE

N	Prcnt	Code	Label
3,445	99.9	0	0 unknown injured
2	0.1	1	1 unknown injured
1	0.0	2	2 unknown injured

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

RELATED FACTORS AT VEHICLE LEVEL – RESPONSE #1

N	Prcnt	Code	Label
3,308	95.9	0	None
			Vehicle condition(s) noted
47	1.4	1	Tires
38	1.1	2	Brake system
1	0.0	3	Steering system -- includes tie-rod, kingpin, ball-joint, etc.
1	0.0	4	Suspension -- include springs, shock-absorbers, struts, etc.
1	0.0	5	Power train -- includes universal-joint, drive-shaft, etc.
0	0.0	6	Exhaust system
0	0.0	7	Headlights
2	0.1	8	Signal lights
3	0.1	9	Other lights
0	0.0	10	Horn
0	0.0	11	Mirrors

N	Prcnt	Code	Label
0	0.0	12	Wipers
2	0.1	13	Driver seating and control
0	0.0	14	Body, doors, hood, other
2	0.1	15	Trailer hitch
3	0.1	16	Wheels
0	0.0	17	Air bag
7	0.2	18	Other vehicle defects
0	0.0	19	Safety belts

Special vehicle flags

N	Prcnt	Code	Label
0	0.0	31	Hit-and-run vehicle
1	0.0	32	Vehicle registration for handicapped
0	0.0	33	Vehicle being pushed by non-motorist
2	0.1	35	Reconstructed/altered vehicle
0	0.0	36	Electric/alternative fuel vehicle
0	0.0	37	Transporting children to/from Head Start/day care
3	0.1	39	Highway construction, maintenance or utility vehicle, in-transport (inside or outside work zone)
0	0.0	40	Highway incident response vehicle
1	0.0	41	Police, fire, or emergency services vehicle working at the scene of an emergency or performing other traffic control activities
5	0.1	42	Other working vehicle (not construction, maintenance, utility, police, fire, or emergency services vehicle)
0	0.0	44	Adaptive equipment
21	0.6	99	Unknown

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

RELATED FACTORS AT VEHICLE LEVEL – RESPONSE #2

N	Prcnt	Code	Label
3,419	99.2	0	None

Vehicle conditions noted

N	Prcnt	Code	Label
4	0.1	2	Brake system
2	0.1	3	Steering system -- includes tie-rod, kingpin, ball-joint, etc.
1	0.0	4	Suspension -- include springs, shock-absorbers, struts, etc.
1	0.0	19	Safety belts

N	Prcnt	Code	Label
21	0.6	99	Unknown

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

N	Prcnt	Code	Label
3,357	97.4	0	No underride or override
			Underriding a motor vehicle in-transport
10	0.3	1	Underride, compartment intrusion
1	0.0	3	Underride, compartment intrusion unknown
			Overriding a motor vehicle in-transport
71	2.1	7	Overriding a motor vehicle in-transport
1	0.0	8	Overriding a motor vehicle not in-transport
8	0.2	9	Unknown if underride or override

Variable	Name		Format	Type	Length
v170	MOTOR CARRIER ID			Char	11

N	Prcnt	Code	Label
5	0.1		
238	6.9	000000000	Not applicable
1	0.0	01	
		-	FARS state code
1	0.0	56	
2147	61.6	57	US DOT
51	1.5	58	MC/MX (ICC)
247	7.1	88	None
2	0.1	95	Canada
270	7.7	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

N	Prcnt	Code	Label
3,447	100.0	0	Not used as a bus
0	0.0	1	Used as a public school bus
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
0	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

N	Prcnt	Code	Label
236	6.8	0	Not applicable
1	0.0	1	10,000 lbs or less
492	14.3	2	10,001 - 26,000 lbs
2,703	78.4	3	26,001 lbs or more
16	0.5	9	Unknown

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

EVENT #1 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
0	0.0	0	No event
27	0.8	1	Overturn/rollover
0	0.0	2	Fire/explosion
0	0.0	3	Immersion
0	0.0	4	Gas inhalation
9	0.3	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)

N	Prcnt	Code	Label
9	0.3	7	Other non-collision
224	6.5	8	Pedestrian
55	1.6	9	Pedal cycle
13	0.4	10	Railway train
6	0.2	11	Live animal
2,494	72.3	12	Motor vehicle in-transport on same roadway
11	0.3	13	Motor vehicle in-transport on different roadway
8	0.2	14	Parked motor vehicle or vehicle stopped off roadway
5	0.1	15	Non-motorist on personal conveyance
2	0.1	16	Thrown or falling object
0	0.0	17	Boulder
7	0.2	18	Other object (not fixed)
0	0.0	19	Building
0	0.0	20	Impact attenuator/crash cushion
0	0.0	21	Bridge pier or abutment
0	0.0	22	Bridge parapet end
0	0.0	23	Bridge rail
11	0.3	24	Guardrail face
5	0.1	25	Concrete traffic barrier
0	0.0	26	Other traffic barrier
2	0.1	27	Highway/traffic sign post/sign
1	0.0	28	Overhead sign support/sign
0	0.0	29	Luminaire/light support
0	0.0	30	Utility pole
1	0.0	31	Other post, other pole or other supports
0	0.0	32	Culvert
1	0.0	33	Curb
1	0.0	34	Ditch
0	0.0	35	Embankment - earth
2	0.1	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
3	0.1	42	Tree (standing tree only)
1	0.0	43	Other fixed object
1	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
4	0.1	45	Working motor vehicle (construction, maintenance or utility vehicle only)

N	Prcnt	Code	Label
0	0.0	46	Traffic signal support/signal
0	0.0	47	Vehicle occupant struck or run over by own vehicle
0	0.0	48	Snow bank
2	0.1	49	Ridden animal or animal-drawn conveyance
1	0.0	50	Bridge overhead structure
19	0.6	51	Jackknife
1	0.0	52	Guardrail end
1	0.0	53	Mail box
22	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
0	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)
21	0.6	61	Equipment failure (blown tire, brake failure, etc.)
1	0.0	62	Separation of units
243	7.0	63	Ran off road - right
81	2.3	64	Ran off road - left
136	3.9	65	Cross median/centerline
3	0.1	66	Downhill runaway
0	0.0	67	Vehicle went airborne
1	0.0	99	Unknown

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

EVENT #2 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
1,946	56.4	0	No event
129	3.7	1	Overturn/rollover
70	2.0	2	Fire/explosion
1	0.0	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
1	0.0	7	Other non-collision
22	0.6	8	Pedestrian
6	0.2	9	Pedal cycle
1	0.0	10	Railway train
1	0.0	11	Live animal
275	8.0	12	Motor vehicle in-transport on same roadway

N	Prcnt	Code	Label
5	0.1	13	Motor vehicle in-transport on different roadway
18	0.5	14	Parked motor vehicle or vehicle stopped off roadway
1	0.0	17	Boulder
1	0.0	18	Other object (not fixed)
1	0.0	20	Impact attenuator/crash cushion
4	0.1	21	Bridge pier or abutment
1	0.0	22	Bridge parapet end
8	0.2	23	Bridge rail
54	1.6	24	Guardrail face
13	0.4	25	Concrete traffic barrier
4	0.1	26	Other traffic barrier
15	0.4	27	Highway/traffic sign post/sign
1	0.0	28	Overhead sign support/sign
2	0.1	29	Luminaire/light support
5	0.1	30	Utility pole
5	0.1	31	Other post, other pole or other supports
7	0.2	32	Culvert
7	0.2	33	Curb
24	0.7	34	Ditch
5	0.1	35	Embankment - earth
5	0.1	36	Embankment - rock, stone or concrete
6	0.2	37	Embankment - material type unknown
8	0.2	38	Fence
1	0.0	39	Wall
22	0.6	42	Tree (standing tree only)
4	0.1	43	Other fixed object
2	0.1	45	Working motor vehicle (construction, maintenance or utility vehicle only)
1	0.0	50	Bridge overhead structure
41	1.2	51	Jackknife
6	0.2	52	Guardrail end
4	0.1	53	Mail box
8	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
2	0.1	57	Cable Barrier
16	0.5	60	Cargo/equipment loss or shift (causing injury or damage)
2	0.1	61	Equipment failure (blown tire, brake failure, etc.)
9	0.3	62	Separation of units
342	9.9	63	Ran off road - right

N	Prcnt	Code	Label
166	4.8	64	Ran off road - left
163	4.7	65	Cross median/centerline
1	0.0	66	Downhill runaway
3	0.1	67	Vehicle went airborne
2	0.1	99	Unknown

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

EVENTS #3 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
2,534	73.5	0	No event
147	4.3	1	Overturn/rollover
40	1.2	2	Fire/explosion
2	0.1	3	Immersion
16	0.5	8	Pedestrian
1	0.0	9	Pedal cycle
92	2.7	12	Motor vehicle in-transport on same roadway
11	0.3	13	Motor vehicle in-transport on different roadway
11	0.3	14	Parked motor vehicle or vehicle stopped off roadway
2	0.1	18	Other object (not fixed)
6	0.2	21	Bridge pier or abutment
1	0.0	22	Bridge parapet end
11	0.3	23	Bridge rail
46	1.3	24	Guardrail face
9	0.3	25	Concrete traffic barrier
14	0.4	27	Highway/traffic sign post/sign
5	0.1	29	Luminaire/light support
18	0.5	30	Utility pole
10	0.3	31	Other post, other pole or other supports
8	0.2	32	Culvert
6	0.2	33	Curb
42	1.2	34	Ditch
16	0.5	35	Embankment - earth
5	0.1	36	Embankment - rock, stone or concrete
13	0.4	37	Embankment - material type unknown
28	0.8	38	Fence
1	0.0	39	Wall

N	Prcnt	Code	Label
2	0.1	41	Shrubbery
44	1.3	42	Tree (standing tree only)
9	0.3	43	Other fixed object
1	0.0	46	Traffic signal support/signal
1	0.0	48	Snow bank
31	0.9	51	Jackknife
5	0.1	52	Guardrail end
6	0.2	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
4	0.1	57	Cable Barrier
13	0.4	60	Cargo/equipment loss or shift (causing injury or damage)
1	0.0	61	Equipment failure (blown tire, brake failure, etc.)
15	0.4	62	Separation of units
49	1.4	63	Ran off road - right
120	3.5	64	Ran off road - left
36	1.0	65	Cross median/centerline
1	0.0	66	Downhill runaway
8	0.2	67	Vehicle went airborne
2	0.1	99	Unknown

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

EVENT #4 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
2,930	85.0	0	No event
96	2.8	1	Overturn/rollover
46	1.3	2	Fire/explosion
2	0.1	3	Immersion
2	0.1	5	Fell/jumped from vehicle
1	0.0	7	Other non-collision
10	0.3	8	Pedestrian
44	1.3	12	Motor vehicle in-transport on same roadway
7	0.2	13	Motor vehicle in-transport on different roadway
9	0.3	14	Parked motor vehicle or vehicle stopped off roadway
1	0.0	18	Other object (not fixed)
2	0.1	19	Building

N	Prnt	Code	Label
3	0.1	21	Bridge pier or abutment
4	0.1	23	Bridge rail
14	0.4	24	Guardrail face
4	0.1	25	Concrete traffic barrier
2	0.1	26	Other traffic barrier
9	0.3	27	Highway/traffic sign post/sign
3	0.1	29	Luminaire/light support
9	0.3	30	Utility pole
4	0.1	31	Other post, other pole or other supports
2	0.1	32	Culvert
2	0.1	33	Curb
24	0.7	34	Ditch
13	0.4	35	Embankment - earth
1	0.0	36	Embankment - rock, stone or concrete
9	0.3	37	Embankment - material type unknown
24	0.7	38	Fence
1	0.0	39	Wall
2	0.1	40	Fire hydrant
3	0.1	41	Shrubbery
47	1.4	42	Tree (standing tree only)
4	0.1	43	Other fixed object
16	0.5	51	Jackknife
1	0.0	52	Guardrail end
4	0.1	53	Mail box
3	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
1	0.0	57	Cable Barrier
15	0.4	60	Cargo/equipment loss or shift (causing injury or damage)
10	0.3	62	Separation of units
14	0.4	63	Ran off road - right
36	1.0	64	Ran off road - left
12	0.3	65	Cross median/centerline
2	0.1	99	Unknown

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

EVENT #5 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
3,204	92.9	0	No event
60	1.7	1	Overturn/rollover
13	0.4	2	Fire/explosion
4	0.1	3	Immersion
2	0.1	5	Fell/jumped from vehicle
1	0.0	8	Pedestrian
15	0.4	12	Motor vehicle in-transport on same roadway
2	0.1	13	Motor vehicle in-transport on different roadway
7	0.2	14	Parked motor vehicle or vehicle stopped off roadway
1	0.0	18	Other object (not fixed)
5	0.1	19	Building
1	0.0	21	Bridge pier or abutment
1	0.0	22	Bridge parapet end
1	0.0	23	Bridge rail
8	0.2	24	Guardrail face
2	0.1	27	Highway/traffic sign post/sign
1	0.0	29	Luminaire/light support
4	0.1	30	Utility pole
1	0.0	31	Other post, other pole or other supports
1	0.0	32	Culvert
2	0.1	33	Curb
5	0.1	34	Ditch
2	0.1	35	Embankment - earth
3	0.1	37	Embankment - material type unknown
19	0.6	38	Fence
1	0.0	40	Fire hydrant
22	0.6	42	Tree (standing tree only)
1	0.0	43	Other fixed object
1	0.0	47	Vehicle occupant struck or run over by own vehicle
7	0.2	51	Jackknife
1	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
8	0.2	60	Cargo/equipment loss or shift (causing injury or damage)

N	Prcnt	Code	Label
3	0.1	62	Separation of units
9	0.3	63	Ran off road - right
14	0.4	64	Ran off road - left
7	0.2	65	Cross median/centerline
3	0.1	67	Vehicle went airborne
2	0.1	99	Unknown

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

EVENT #6 RELATED TO THIS MOTOR VEHICLE

N	Prcnt	Code	Label
3,338	96.8	0	No event
22	0.6	1	Overturn/rollover
24	0.7	2	Fire/explosion
2	0.1	3	Immersion
2	0.1	8	Pedestrian
4	0.1	12	Motor vehicle in-transport on same roadway
2	0.1	13	Motor vehicle in-transport on different roadway
5	0.1	14	Parked motor vehicle or vehicle stopped off roadway
1	0.0	17	Boulder
2	0.1	19	Building
1	0.0	21	Bridge pier or abutment
5	0.1	24	Guardrail face
1	0.0	26	Other traffic barrier
1	0.0	27	Highway/traffic sign post/sign
4	0.1	30	Utility pole
2	0.1	34	Ditch
1	0.0	37	Embankment - material type unknown
4	0.1	38	Fence
7	0.2	42	Tree (standing tree only)
1	0.0	43	Other fixed object
1	0.0	47	Vehicle occupant struck or run over by own vehicle
3	0.1	51	Jackknife
3	0.1	57	Cable Barrier
4	0.1	60	Cargo/equipment loss or shift (causing injury or damage)
2	0.1	62	Separation of units
1	0.0	63	Ran off road - right

N	Prcnt	Code	Label
3	0.1	64	Ran off road - left
2	0.1	99	Unknown

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

N	Prcnt	Code	Label
3,339	96.8	0	Not applicable
4	0.1	1	Explosives
21	0.6	2	Gases
43	1.2	3	Flammable liquid and combustible liquid
1	0.0	4	Flammable solid, spontaneously combustible, and dangerous when wet
1	0.0	5	Oxidizers and organic peroxide
5	0.1	8	Corrosive
2	0.1	9	Miscellaneous
32	0.9	88	Not reported

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

N	Prcnt	Code	Label
3,339	96.8	0	Not applicable
1	0.0	306	
		-	Hazardous material identification number
1	0.0	9188	
28	0.8	8888	Not reported

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

N	Prcnt	Code	Label
3,339	96.8	1	No
109	3.2	2	Yes

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

N	Prcnt	Code	Label
3,339	96.8	0	Not applicable
5	0.1	1	No
90	2.6	2	Yes
14	0.4	8	Not reported

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

N	Prcnt	Code	Label
3,339	96.8	0	Not applicable
59	1.7	1	No
33	1.0	2	Yes
17	0.5	8	Not reported

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

N	Prcnt	Code	Label
238	6.9	0	Not applicable
11	0.3	1	
		-	FARS state code
36	1.0	56	
2,152	62.4	57	US DOT
51	1.5	58	MC/MX (ICC)
247	7.2	88	None
2	0.1	95	Canada
275	8.0	99	Unknown

Variable	Name		Format	Type	Length
v185	MCID IDENTIFICATION NUMBER			Char	9

N	Prcnt	Code	Label
8	0.2		
1	0.0	1962148	

N	Prcnt	Code	Label
		-	MCID identification number
1	0.0	t9956	
238	6.9	000000000	Not applicable
263	7.6	888888888	None
421	12.1	999999999	Unknown

Variable	Name		Format	Type	Length
v186	HIT AND RUN		FHIT09F	Numeric	3

N	Prcnt	Code	Label
3,415	99.0	0	No
33	1.0	1	Yes
0	0.0	9	Unknown

The DRIVER Variables

Variables 207 through 240 describe the driver of the truck involved in the accident.

Variable	Name	Format	Type	Length
v207	DRIVER PRESENCE	FDRI09F	Numeric	3

N	Prcnt	Code	Label
32	0.9	0	No driver present/not applicable
3,416	99.1	1	Yes

Variable	Name	Format	Type	Length
v208	DRIVER DRINKING	FDRIVEDR	Numeric	3

N	Prcnt	Code	Label
3,340	96.9	0	No (alcohol not involved)
108	3.1	1	Yes (alcohol involved)

Variable	Name	Format	Type	Length
v209	DRIVER'S LICENSE STATE	FSTATES	Numeric	3

N	Prcnt	Code	Label
72	2.1	1	Alabama
5	0.1	2	Alaska
1	0.0	3	American Samoa
57	1.7	4	Arizona
70	2.0	5	Arkansas
273	7.9	6	California
40	1.2	8	Colorado
11	0.3	9	Connecticut
10	0.3	10	Delaware
1	0.0	11	District of Columbia
225	6.5	12	Florida
147	4.3	13	Georgia
3	0.1	15	Hawaii
24	0.7	16	Idaho
96	2.8	17	Illinois
72	2.1	18	Indiana
48	1.4	19	Iowa

N	Prcnt	Code	Label
51	1.5	20	Kansas
77	2.2	21	Kentucky
69	2.0	22	Louisiana
23	0.7	23	Maine
51	1.5	24	Maryland
24	0.7	25	Massachusetts
90	2.6	26	Michigan
68	2.0	27	Minnesota
63	1.8	28	Mississippi
101	2.9	29	Missouri
14	0.4	30	Montana
35	1.0	31	Nebraska
24	0.7	32	Nevada
13	0.4	33	New Hampshire
50	1.5	34	New Jersey
30	0.9	35	New Mexico
124	3.6	36	New York
129	3.7	37	North Carolina
17	0.5	38	North Dakota
118	3.4	39	Ohio
89	2.6	40	Oklahoma
27	0.8	41	Oregon
127	3.7	42	Pennsylvania
4	0.1	44	Rhode Island
84	2.4	45	South Carolina
17	0.5	46	South Dakota
91	2.6	47	Tennessee
359	10.4	48	Texas
22	0.6	49	Utah
4	0.1	50	Vermont
72	2.1	51	Virginia
42	1.2	53	Washington
26	0.8	54	West Virginia
52	1.5	55	Wisconsin
11	0.3	56	Wyoming
34	1.0	95	Canada
9	0.3	96	Mexico
1	0.0	97	Other Country
51	1.5	99	Unknown

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

NON-COMMERCIAL DRIVER LICENSE TYPE, REGARDLESS OF VEHICLE DRIVEN

N	Prcnt	Code	Label
16	0.5	0	Not licensed
3,338	96.8	1	Full driver license
2	0.1	2	Intermediate driver license
2	0.1	8	Temporary license
90	2.6	9	Unknown license type

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

NON-COMMERCIAL LICENSE STATUS, REGARDLESS OF VEHICLE DRIVEN

N	Prcnt	Code	Label
16	0.5	0	Not licensed
32	0.9	1	Suspended
1	0.0	2	Revoked
7	0.2	3	Expired
3	0.1	4	Canceled or denied
3,298	95.6	6	Valid
91	2.6	9	Unknown license status

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

LICENSE COMPLIANCE (FOR THIS CLASS VEHICLE)

N	Prcnt	Code	Label
17	0.5	0	Not licensed
80	2.3	2	No valid license for this class vehicle
3,241	94.0	3	Valid license for this class vehicle
11	0.3	8	Unknown if commercial driver license and/or commercial driver license endorsement required for this vehicle
99	2.9	9	Unknown

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

COMMERCIAL MOTOR VEHICLE LICENSE STATUS

N	Prcnt	Code	Label
577	16.7	0	No (commercial driver license)
17	0.5	1	Suspended
1	0.0	2	Revoked
16	0.5	3	Expired
1	0.0	4	Canceled or denied
8	0.2	5	Disqualified
2,717	78.8	6	Valid
8	0.2	7	Learner's permit
5	0.1	8	Other - not valid
98	2.8	9	Unknown

Variable	Name	Format	Type	Length
v213	LICENSE ENDORSEMENTS	FEND91F	Numeric	3

N	Prcnt	Code	Label
2,342	67.9	0	No endorsements required for this vehicle
707	20.5	1	Endorsement(s) required, complied with
18	0.5	2	Endorsement(s) required, not complied with
217	6.3	3	Endorsement(s) required, compliance unknown
164	4.8	9	Unknown if required

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

COMPLIANCE WITH LICENSE RESTRICTIONS

N	Prcnt	Code	Label
2,321	67.3	0	No restrictions or not applicable
264	7.7	1	Restrictions complied with
18	0.5	2	Restrictions not complied with
733	21.3	3	Restrictions, compliance unknown
112	3.2	9	Unknown

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

NUMBER OF PREVIOUS CRASHES

N	Prcnt	Code	Label
2,682	77.8	0	0 crashes
366	10.6	1	1 crashes
56	1.6	2	2 crashes
8	0.2	3	3 crashes
3	0.1	4	4 crashes
212	6.1	98	Crashes not reported on driving record
121	3.5	99	Unknown

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

NUMBER OF PREVIOUS SUSPENSIONS/REVOCATIONS

N	Prcnt	Code	Label
3,089	89.6	0	0 suspensions
139	4.0	1	1 suspension
62	1.8	2	2 suspensions
15	0.4	3	3 suspensions
13	0.4	4	4 suspensions
3	0.1	5	5 suspensions
2	0.1	6	6 suspensions
1	0.0	7	7 suspensions
1	0.0	8	8 suspension
1	0.0	9	9 suspensions
1	0.0	10	10 suspensions
121	3.5	99	Unknown

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

NUMBER OF PREVIOUS DRIVING WHILE INTOXICATED CONVICTIONS

N	Prcnt	Code	Label
3,305	95.9	0	0 driving while intoxicated convictions
20	0.6	1	1 driving while intoxicated conviction

N	Prcnt	Code	Label
2	0.1	2	2 driving while intoxicated convictions
121	3.5	99	Unknown

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

NUMBER OF PREVIOUS SPEEDING CONVICTIONS

N	Prcnt	Code	Label
2,629	76.2	0	0 speed convictions
511	14.8	1	1 speed conviction
125	3.6	2	2 speed convictions
45	1.3	3	3 speed convictions
10	0.3	4	4 speed convictions
4	0.1	5	5 speed convictions
2	0.1	6	6 speed convictions
1	0.0	7	7 speed convictions
121	3.5	99	Unknown

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

NUMBER OF PREVIOUS OTHER HARMFUL MOVING VIOLATIONS CONVICTIONS

N	Prcnt	Code	Label
2,574	74.7	0	0 other convictions
525	15.2	1	1 other conviction
143	4.1	2	2 other convictions
48	1.4	3	3 other convictions
18	0.5	4	4 other convictions
13	0.4	5	5 other convictions
5	0.1	6	6 other convictions
1	0.0	8	8 other convictions
121	3.5	99	Unknown

Variable	Name	Format	Type	Length
v221	LAST CRASH - MONTH	FACMONTH	Numeric	3

LAST CRASH/SUSPENSION/CONVICTION -- MONTH

N	Prcnt	Code	Label
1,824	52.9	0	No record
134	3.9	1	January
114	3.3	2	February
128	3.7	3	March
109	3.2	4	April
142	4.1	5	May
115	3.3	6	June
138	4.0	7	July
129	3.7	8	August
127	3.7	9	September
143	4.1	10	October
112	3.2	11	November
112	3.2	12	December
121	3.5	99	Unknown

Variable	Name	Format	Type	Length
v222	LAST CRASH - YEAR		Numeric	4

LAST CRASH/SUSPENSION/CONVICTION -- YEAR

N	Prcnt	Code	Label
1,824	52.9	0	No record
112	3.2	2006	2006
392	11.4	2007	2007
648	18.8	2008	2008
351	10.2	2009	2009
121	3.5	9999	Unknown

Variable	Name	Format	Type	Length
v223	FIRST CRASH - MONTH	FACMONTH	Numeric	3

FIRST CRASH/SUSPENSION/CONVICTION -- MONTH

N	Prcnt	Code	Label
1,824	52.9	0	No record

N	Prcnt	Code	Label
137	4.0	1	January
124	3.6	2	February
114	3.3	3	March
119	3.5	4	April
144	4.2	5	May
118	3.4	6	June
127	3.7	7	July
140	4.1	8	August
128	3.7	9	September
144	4.2	10	October
111	3.2	11	November
97	2.8	12	December
121	3.5	99	Unknown

Variable	Name	Format	Type	Length
v224	FIRST CRASH - YEAR		Numeric	4

FIRST CRASH/SUSPENSION/CONVICTION -- YEAR

N	Prcnt	Code	Label
1,824	52.9	0	No record
323	9.4	2006	2006
569	16.5	2007	2007
469	13.6	2008	2008
142	4.1	2009	2009
121	3.5	9999	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #1

N	Prcnt	Code	Label
2,337	67.8	0	None
			Physical/mental condition
39	1.1	1	Drowsy, sleepy, asleep, fatigued
10	0.3	2	Ill, passed out/blackout

N	Prnct	Code	Label
2	0.1	3	Emotional (e.g., depression, angry, disturbed)
0	0.0	4	Reaction to or failure to take drugs/medication
54	1.6	5	Under the influence of alcohol, drugs or medication
176	5.1	6	Careless/inattentive
1	0.0	7	Restricted to wheelchair
2	0.1	8	Aggressive driving/road rage
3	0.1	9	Impaired due to previous injury
1	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
0	0.0	18	Traveling on prohibited trafficways
0	0.0	19	Legally driving on suspended or revoked license
19	0.6	20	Leaving vehicle unattended with engine running
11	0.3	21	Overloading/improper loading of vehicle with passengers or cargo
1	0.0	22	Towing or pushing improperly
2	0.1	23	Failing to dim lights or to have lights on when required
9	0.3	24	Operating without required equipment
38	1.1	26	Following improperly
20	0.6	27	Improper or erratic lane changing
166	4.8	28	Failure to keep in proper lane
0	0.0	29	Illegal driving on road shoulder, ditch, sidewalk, median
2	0.1	30	Making improper entry to or exit from trafficway
10	0.3	31	Starting or backing improperly
0	0.0	32	Opening closure into moving traffic or while vehicle is in motion
4	0.1	33	Passing where prohibited by posted signs, school bus warning, etc.
0	0.0	34	Passing on wrong side
6	0.2	35	Passing with insufficient distance/inadequate visibility; failing to yield to overtaking vehicle
12	0.3	36	Operating vehicle in an erratic, reckless, negligent manner
3	0.1	37	Police pursuing this driver or police officer in pursuit
110	3.2	38	Failure to yield right-of-way
49	1.4	39	Failure to obey traffic signs, control devices, officers, etc.
0	0.0	40	Passing through or around barrier

N	Prnt	Code	Label
1	0.0	41	Failure to observe warnings/instructions on vehicle displaying them
0	0.0	42	Failure to signal intentions
0	0.0	43	Driving too fast for conditions
0	0.0	44	Driving in excess of posted maximum
4	0.1	45	Driving less than posted minimum
0	0.0	46	Racing
2	0.1	47	Making right turn from left turn lane; or left turn from right turn lane
23	0.7	48	Making other improper turn
1	0.0	50	Driving wrong way in one-way traffic
15	0.4	51	Driving on wrong side of road (intentional or unintentional)
2	0.1	52	Operator inexperience
2	0.1	53	Unfamiliar with roadway
20	0.6	54	Stopped in roadway (vehicle not abandoned)
0	0.0	55	Underriding a parked truck
2	0.1	57	Locked wheel
26	0.8	58	Overcorrecting
3	0.1	59	Getting off/out of or on/into vehicle

Skidding, swerving, sliding due to

N	Prnt	Code	Label
5	0.1	77	Severe crosswind
0	0.0	78	Wind from passing truck
3	0.1	79	Slippery or loose surface
10	0.3	80	Tire blow-out or flat
2	0.1	81	Debris or objects in road
3	0.1	82	Ruts, holes, bumps in road
3	0.1	83	Live animals in road
9	0.3	84	Vehicle in road
3	0.1	85	Phantom vehicle
7	0.2	86	Pedestrian, pedalcyclist, or other nonmotorist
38	1.1	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
2	0.1	88	Trailer fishtailing or swaying

Special circumstances

N	Prnt	Code	Label
0	0.0	73	Driver not complied with learner's permit/intermediate driver license restrictions
8	0.2	74	Driver not complied with physical/other imposed restrictions
8	0.2	89	Driver has a record/driver's license from more than 1 state

N	Prcnt	Code	Label
5	0.1	90	Hit and run vehicle, driver
3	0.1	91	Nontraffic violation charged - manslaughter, homicide, other
40	1.2	92	Other nonmoving traffic violations

Possible distractions (inside vehicle)

N	Prcnt	Code	Label
57	1.7	93	Cellular phone present in vehicle
7	0.2	94	Cellular phone in use in vehicle
1	0.0	95	Computer/fax machines/printers
0	0.0	96	On-board navigation system
1	0.0	97	Two-way radio
0	0.0	98	Head-up display
45	1.3	99	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #2

N	Prcnt	Code	Label
3,080	89.3	0	None

Physical/mental conditions

N	Prcnt	Code	Label
6	0.2	1	Drowsy, sleepy, asleep, fatigued
2	0.1	2	Ill, passed out/blackout
10	0.3	5	Under the influence of alcohol, drugs or medication
22	0.6	6	Careless/inattentive
1	0.0	8	Aggressive driving/road rage
1	0.0	11	Other physical impairment (includes paraplegic)

Miscellaneous factors

N	Prcnt	Code	Label
1	0.0	18	Traveling on prohibited trafficways
1	0.0	20	Leaving vehicle unattended with engine running
2	0.1	21	Overloading/improper loading of vehicle with passengers or cargo
5	0.1	24	Operating without required equipment
5	0.1	26	Following improperly
61	1.8	28	Failure to keep in proper lane
1	0.0	29	Illegal driving on road shoulder, ditch, sidewalk, median

N	Prcnt	Code	Label
4	0.1	31	Starting or backing improperly
1	0.0	33	Passing where prohibited by posted signs, school bus warning,
8	0.2	36	Operating vehicle in an erratic, reckless, negligent manner
2	0.1	37	Police pursuing this driver or police officer in pursuit
20	0.6	38	Failure to yield right-of-way
20	0.6	39	Failure to obey traffic signs, control devices, officers, etc.
1	0.0	40	Passing through or around barrier
1	0.0	41	Failure to observe warnings/instructions on vehicle displaying them
11	0.3	48	Making other improper turn
9	0.3	51	Driving on wrong side of road (intentional or unintentional)
5	0.1	53	Unfamiliar with roadway
5	0.1	54	Stopped in roadway (vehicle not abandoned)
35	1.0	58	Overcorrecting

Skidding, swerving, sliding due to

N	Prcnt	Code	Label
2	0.1	80	Tire blow-out or flat
4	0.1	84	Vehicle in road
1	0.0	85	Phantom vehicle
1	0.0	86	Pedestrian, pedalcyclist, or other nonmotorist
20	0.6	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road

Special circumstances

N	Prcnt	Code	Label
5	0.1	74	Driver not complied with physical/other imposed restrictions
5	0.1	89	Driver has a record/driver's license from more than 1 state
5	0.1	90	Hit and run vehicle, driver
4	0.1	91	Nontraffic violation charged – manslaughter, homicide, other
11	0.3	92	Other nonmoving traffic violations

Possible distractions (inside vehicle)

N	Prcnt	Code	Label
23	0.7	93	Cellular phone present in vehicle
2	0.1	97	Two-way radio
45	1.3	99	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #3

N	Prcnt	Code	Label
3,345	97.0	0	None
			Physical/mental conditions
3	0.1	1	Drowsy, sleepy, asleep, fatigued
1	0.0	2	Ill, passed out/blackout
6	0.2	5	Under the influence of alcohol, drugs or medication
3	0.1	6	Careless/inattentive
			Miscellaneous factors
1	0.0	19	Legally driving on suspended or revoked license
2	0.1	24	Operating without required equipment
8	0.2	28	Failure to keep in proper lane
1	0.0	30	Making improper entry to or exit from trafficway
1	0.0	31	Starting or backing improperly
2	0.1	36	Operating vehicle in an erratic, reckless, negligent manner
2	0.1	38	Failure to yield right-of-way
1	0.0	39	Failure to obey traffic signs, control devices, officers, etc.
2	0.1	48	Making other improper turn
2	0.1	51	Driving on wrong side of road (intentional or unintentional)
1	0.0	53	Unfamiliar with roadway
7	0.2	58	Overcorrecting
			Skidding, swerving, sliding due to
1	0.0	77	Severe crosswind
1	0.0	83	Live animals in road
2	0.1	84	Vehicle in road
1	0.0	88	Trailer fishtailing or swaying
			Special circumstances
4	0.1	74	Driver not complied with physical/other imposed restrictions
2	0.1	89	Driver has a record/driver's license from more than 1 state
1	0.0	90	Hit and run vehicle, driver
2	0.1	91	Nontraffic violation charged - manslaughter, homicide, other

N	Prcnt	Code	Label
1	0.0	92	Other nonmoving traffic violations
45	1.3	99	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #4

N	Prcnt	Code	Label
3,388	98.3	0	None
			Physical/mental condition
3	0.1	5	Under the influence of alcohol, drugs or medication
1	0.0	6	Careless/inattentive
			Miscellaneous factors
1	0.0	36	Operating vehicle in an erratic, reckless, negligent manner
2	0.1	39	Failure to obey traffic signs, control devices, officers, etc.
1	0.0	41	Failure to observe warnings/instructions on vehicle displaying them
1	0.0	58	Overcorrecting
			Skidding, swerving, sliding due to
1	0.0	84	Vehicle in road
			Special circumstances
2	0.1	91	Nontraffic violation charged – manslaughter, homicide, other
2	0.1	92	Other nonmoving traffic violations
			Possible distractions (inside vehicle)
1	0.0	94	Cellular phone in use in vehicle
45	1.3	99	Unknown

Variable	Name			Format	Type	Length
v231	VIOLATIONS CHARGED #1			FVCHG09F	Numeric	3

N	Prcnt	Code	Label
3,158	91.6	0	None
			Reckless/careless/hit-and-run type offenses
53	1.5	1	Manslaughter or homicide
7	0.2	2	Willful reckless driving; driving to endanger; negligent driving
4	0.1	3	Unsafe reckless (not willful, wanton reckless) driving
22	0.6	4	Inattentive, careless, improper driving
0	0.0	5	Fleeing or eluding police
3	0.1	6	Fail to obey police, fireman, authorized person directing traffic
3	0.1	7	Hit-and-run, fail to stop after crash
1	0.0	8	Fail to give aid, information, wait for police after crash
3	0.1	9	Serious violation resulting in death
			Impairment offenses
5	0.1	11	Driving while intoxicated (alcohol or drugs) or blood alcohol limit above limit (any detectable blood alcohol limit for commercial drivers)
0	0.0	12	Driving while impaired
0	0.0	13	Driving under influence of substance not intended to intoxicate
0	0.0	14	Drinking while operating
0	0.0	15	Illegal possession of alcohol or drugs
0	0.0	16	Driving with detectable alcohol
0	0.0	18	Refusal to submit to chemical test
1	0.0	19	Alcohol, drug, or impairment violations generally
			Speed-related offenses
0	0.0	21	Racing
3	0.1	22	Speeding (above the speed limit)
18	0.5	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
0	0.0	29	Speed related violations, generally

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2009
FARS DRIVER VARIABLES

N	Prcnt	Code	Label
			Rules of the road – traffic signs and signals
3	0.1	31	Fail to stop for red signal
0	0.0	32	Fail to stop for flashing red
0	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)
1	0.0	35	Fail to obey signal generally
0	0.0	36	Violate railroad grade crossing device/regulations
6	0.2	37	Fail to obey stop sign
0	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
0	0.0	41	Turn in violation of traffic control (disobey signs, turn arrow or pavement markings; this is not a right-on-red violation)
2	0.1	42	Improper method and position of turn (too wide, wrong lane)
0	0.0	43	Fail to signal for turn or stop
0	0.0	45	Fail to yield to emergency vehicle
21	0.6	46	Fail to yield, generally
0	0.0	48	Enter intersection when space insufficient
3	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
2	0.1	52	Driving on left, wrong side of road, generally
2	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
0	0.0	56	Fail to give way when overtaken
5	0.1	58	Following too closely
0	0.0	59	Wrong side, passing, following violations, generally
			Rules of the road – land usage
1	0.0	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.)

N	Prcnt	Code	Label
0	0.0	67	Motorcyclist attached to another vehicle
3	0.1	69	Lane violations, generally

Non-moving – license and registration violations

N	Prcnt	Code	Label
2	0.1	71	Driving while license withdrawn (including violation of provisions of work permit)
5	0.1	72	Other driver license violations
9	0.3	73	Commercial driver violations (log book, hours, permits carried)
2	0.1	74	Vehicle registration violations
2	0.1	75	Fail to carry insurance card
4	0.1	76	Driving uninsured vehicle
2	0.1	79	Non-moving violations, generally

Equipment

N	Prcnt	Code	Label
1	0.0	81	Lamp violations
2	0.1	82	Brake violations
2	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
4	0.1	86	Size, weight, load violations
7	0.2	89	Equipment violations, generally

Other violations

N	Prcnt	Code	Label
1	0.0	91	Parking
0	0.0	92	Theft, unauthorized use of motor vehicle
0	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
1	0.0	98	Other moving violation (coasting, backing, opening door)
73	2.1	99	Unknown violation

Variable	Name	Format	Type	Length
v232	VIOLATIONS CHARGED #2	FVCHG09F	Numeric	3

N	Prcnt	Code	Label
3,330	96.6	0	None

Reckless/careless/hit-and-run type offenses

N	Prcnt	Code	Label
1	0.0	1	Manslaughter or homicide

N	Prcnt	Code	Label
7	0.2	2	Willful reckless driving; driving to endanger; negligent driving
4	0.1	3	Unsafe reckless (not willful, wanton reckless) driving
1	0.0	4	Inattentive, careless, improper driving
2	0.1	7	Hit-and-run, fail to stop after crash
1	0.0	9	Serious violation resulting in death
			Impairment offenses
5	0.1	11	Driving while intoxicated (alcohol or drugs) or blood alcohol limit above limit (any detectable blood alcohol limit for commercial drivers)
			Speed-related offenses
1	0.0	22	Speeding (above the speed limit)
1	0.0	23	Speed greater than reasonable and prudent (not necessarily over the limit)
2	0.1	29	Speed related violations, generally
			Rules of the road – traffic signs and signals
1	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)
3	0.1	46	Fail to yield, generally
3	0.1	49	Turn, yield, signaling violations, generally
			Rules of the road – wrong side, passing, and following
2	0.1	52	Driving on left, wrong side of road, generally
1	0.0	53	Improper, unsafe passing
			Rules of the road – land usage
2	0.1	61	Unsafe or prohibited lane change
1	0.0	69	Lane violations, generally
			Non-moving – license and registration violations
4	0.1	72	Other driver license violations
2	0.1	73	Commercial driver violations (log book, hours, permits carried)
3	0.1	74	Vehicle registration violations
2	0.1	75	Fail to carry insurance card

N	Prcnt	Code	Label
1	0.0	79	Non-moving violations, generally

Equipment

N	Prcnt	Code	Label
2	0.1	81	Lamp violations
1	0.0	82	Brake violations
1	0.0	83	Failure to require restraint use (by self or passengers)
3	0.1	86	Size, weight, load violations

Other violations

N	Prcnt	Code	Label
1	0.0	98	Other moving violation (coasting, backing, opening door)
58	1.7	99	Unknown violation

Variable	Name		Format	Type	Length
v233	VIOLATIONS CHARGED #3		FVCHG09F	Numeric	3

N	Prcnt	Code	Label
3,371	97.8	0	None

Reckless/careless/hit-and-run type offenses

N	Prcnt	Code	Label
2	0.1	1	Manslaughter or homicide
2	0.1	2	Willful reckless driving; driving to endanger; negligent driving
1	0.0	3	Unsafe reckless (not willful, wanton reckless) driving
1	0.0	7	Hit-and-run, fail to stop after crash

Impairment offenses

N	Prcnt	Code	Label
2	0.1	11	Driving while intoxicated (alcohol or drugs) or blood alcohol limit above limit (any detectable blood alcohol limit for commercial drivers)

Rules of the road – traffic signs and signals

N	Prcnt	Code	Label
1	0.0	37	Fail to obey stop sign

Rules of the road – turning, yielding, signaling

N	Prcnt	Code	Label
1	0.0	43	Fail to signal for turn or stop

Rules of the road – wrong side, passing, following

N	Prcnt	Code	Label
1	0.0	52	Driving on left, wrong side of road, generally
1	0.0	58	Following too closely

N	Prcnt	Code	Label
			Rules of the road – lane usage
1	0.0	69	Lane violations, generally
			Non-moving – license and registration violations
2	0.1	72	Other driver license violations
1	0.0	76	Driving uninsured vehicle
			Equipment
1	0.0	86	Size, weight, load violations
2	0.1	89	Equipment violations, generally
58	1.7	99	Unknown violation

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

	Prcnt	Code	Label
1	0.0	36	
		-	Actual inches
1	0.0	83	
418	12.1	99	Unknown

Variable	Name		Format	Type	Length
v236	DRIVER WEIGHT			Numeric	3

N	Prcnt	Code	Label
1	0.0	94	
		-	Actual weight in pounds
1	0.0	450	
1,101	31.9	999	Unknown

Variable	Name		Format	Type	Length
v237	DRIVER VISION OBSCURED BY #1		FVIS09F	Numeric	3

N	Prcnt	Code	Label
3,239	93.9	0	No obstruction noted

N	Prcnt	Code	Label
86	2.5	1	Rain, snow, fog, smoke, sand, dust
7	0.2	2	Reflected glare, bright sunlight, headlights
15	0.4	3	Curve, hill or other roadway design feature
1	0.0	4	Building, billboard, other structure
8	0.2	5	Trees, crops, vegetation
9	0.3	6	In-transport motor vehicle (including load)
2	0.1	7	Not in-transport motor vehicle (parked, working)
1	0.0	8	Splash or spray of passing vehicle
0	0.0	9	Inadequate defrost or defog system
1	0.0	10	Inadequate vehicle lighting system
0	0.0	11	Obstruction interior to the vehicle
1	0.0	12	External mirrors
0	0.0	13	Broken or improperly cleaned windshield
9	0.3	14	Obstructing angles on vehicle
5	0.1	97	Vision obscured - no details
6	0.2	98	Other visual obstruction
58	1.7	99	Unknown

Variable	Name		Format	Type	Length
v238	DRIVER VISION OBSCURED BY #2		FVIS09F	Numeric	3

N	Prcnt	Code	Label
3,385	98.2	0	No obstruction noted
1	0.0	3	Curve, hill or other roadway design feature
1	0.0	5	Trees, crops, vegetation
1	0.0	6	In-transport motor vehicle (including load)
1	0.0	11	Obstruction interior to the vehicle
1	0.0	13	Broken or improperly cleaned windshield
58	1.7	99	Unknown

Variable	Name		Format	Type	Length
v239	DRIVER VISION OBSCURED BY #3		FVIS09F	Numeric	3

N	Prcnt	Code	Label
3,390	98.3	0	No obstruction noted
58	1.7	99	Unknown

Variable	Name			Format	Type	Length
v240	SPEED RELATED			FSREL09F	Numeric	3

N	Prcnt	Code	Label
3,138	91.0	0	No
253	7.3	1	Yes
57	1.7	9	Unknown

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

N	Prcnt	Code	Label
32	0.9	0	Not a motor vehicle occupant
3,416	99.1	1	Occupant #1

Variable	Name	Format	Type	Length
v308	OCCUPANT AGE	FOCCAGE	Numeric	3

N	Prcnt	Code	Label
3	0.1	17	17 years
9	0.3	18	18 years
6	0.2	19	19 years
10	0.3	20	20 years
18	0.5	21	21 years
25	0.7	22	22 years
26	0.8	23	23 years
32	0.9	24	24 years
30	0.9	25	25 years
48	1.4	26	26 years
44	1.3	27	27 years
49	1.4	28	28 years
52	1.5	29	29 years
46	1.3	30	30 years
56	1.6	31	31 years
59	1.7	32	32 years
57	1.7	33	33 years
71	2.1	34	34 years
80	2.3	35	35 years
89	2.6	36	36 years
81	2.3	37	37 years
92	2.7	38	38 years
95	2.8	39	39 years
105	3.0	40	40 years

N	Prcnt	Code	Label
74	2.1	41	41 years
94	2.7	42	42 years
100	2.9	43	43 years
111	3.2	44	44 years
122	3.5	45	45 years
140	4.1	46	46 years
88	2.6	47	47 years
83	2.4	48	48 years
86	2.5	49	49 years
111	3.2	50	50 years
93	2.7	51	51 years
80	2.3	52	52 years
93	2.7	53	53 years
98	2.8	54	54 years
86	2.5	55	55 years
89	2.6	56	56 years
71	2.1	57	57 years
70	2.0	58	58 years
76	2.2	59	59 years
65	1.9	60	60 years
55	1.6	61	61 years
53	1.5	62	62 years
33	1.0	63	63 years
29	0.8	64	64 years
29	0.8	65	65 years
27	0.8	66	66 years
26	0.8	67	67 years
24	0.7	68	68 years
18	0.5	69	69 years
12	0.3	70	70 years
14	0.4	71	71 years
11	0.3	72	72 years
8	0.2	73	73 years
11	0.3	74	74 years
12	0.3	75	75 years
5	0.1	76	76 years
4	0.1	77	77 years
6	0.2	78	78 years
1	0.0	79	79 years

N	Prcnt	Code	Label
1	0.0	82	82 years
1	0.0	83	83 years
1	0.0	84	84 years
1	0.0	87	87 years
53	1.5	999	Unknown

Variable	Name	Format	Type	Length
v309	OCCUPANT SEX	FSEXX	Numeric	3

N	Prcnt	Code	Label
3,294	95.5	1	Male
107	3.1	2	Female
47	1.4	9	Unknown

Variable	Name	Format	Type	Length
v310	OCCUPANT TYPE	FPTYP94F	Numeric	3

N	Prcnt	Code	Label
3,416	99.1	1	Driver of a motor vehicle in-transport
32	0.9	99	Unknown person type

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

OCCUPANT SEATING POSITION

N	Prcnt	Code	Label
3,413	99.0	11	Front seat - left side (driver's side)
35	1.0	99	Unknown

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

N	Prcnt	Code	Label
403	11.7	0	None used/not applicable - not a motor vehicle occupant
14	0.4	1	Shoulder belt
89	2.6	2	Lap belt

N	Prcnt	Code	Label
2,680	77.7	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
1	0.0	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)
1	0.0	13	Safety belt used improperly
0	0.0	14	Child safety seat/booster seat used improperly
0	0.0	15	Helmets used improperly
260	7.5	99	Unknown

Variable	Name	Format	Type	Length
v313	AIR BAG DEPLOYED	FAIRB09F	Numeric	3

N	Prcnt	Code	Label
2,338	67.8	0	NA - not a motor vehicle occupant
145	4.2	1	Deployed: Front
2	0.1	2	Deployed: Side (door, seatback)
3	0.1	3	Deployed: Curtain (roof)
0	0.0	7	Deployed: Other (knee, airbelt, etc.)
6	0.2	8	Deployed: Combination
47	1.4	9	Deployed: Unknown direction
774	22.4	20	Not deployed
2	0.1	28	Switched off
131	3.8	99	Deployment or availability unknown

Variable	Name	Format	Type	Length
v314	OCCUPANT EJECTION	FJECT9F	Numeric	3

N	Prcnt	Code	Label
3,256	94.4	0	Not ejected
108	3.1	1	Totally ejected
42	1.2	2	Partially ejected
2	0.1	3	Ejected - unknown degree
40	1.2	9	Unknown if ejected

Variable	Name		Format	Type	Length
v315	EJECTION PATH		FEPATH	Numeric	3

N	Prcnt	Code	Label
3,256	94.4	0	Not ejected: N/A
13	0.4	1	Side door opening
24	0.7	2	Side window
11	0.3	3	Windshield
1	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)
1	0.0	8	Other path (e.g., back of pickup truck)
142	4.1	9	Unknown/unknown path

Variable	Name		Format	Type	Length
v316	OCCUPANT EXTRICATION		FEXTR	Numeric	3

N	Prcnt	Code	Label
3,209	93.1	0	Not extricated - not applicable
193	5.6	1	Extricated
46	1.3	9	Unknown

Variable	Name		Format	Type	Length
v320	DRUG STATUS		FDRSTATU	Numeric	3

N	Prcnt	Code	Label
2,145	62.2	0	Test not given
3	0.1	1	Test refused
1,023	29.7	2	Test given
277	8.0	9	Unknown if tested/not reported

Variable	Name	Format	Type	Length
v321	DRUG INVOLVEMENT	FDRUGS	Numeric	3

POLICE-REPORTED DRUG INVOLVEMENT

N	Prcnt	Code	Label
1,320	38.3	0	No (drugs not involved)
37	1.1	1	Yes (drugs involved)
1,884	54.6	8	Not reported
207	6.0	9	Unknown

Variable	Name	Format	Type	Length
v322	DRUG DETERMINATION	FDRUGDET	Numeric	3

METHOD OF DRUG DETERMINATION BY POLICE

N	Prcnt	Code	Label
198	5.7	1	Evidential test (blood, urine)
15	0.4	2	Drug Recognition Technician determined
28	0.8	3	Behavioral
257	7.5	7	Other
2,950	85.6	8	Not reported

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

N	Prcnt	Code	Label
2,148	62.3	0	Test not given
810	23.5	1	Blood
118	3.4	2	Urine
74	2.1	3	Both: Blood and urine tests
15	0.4	7	Unknown test type
6	0.2	8	Other type test
277	8.0	9	Unknown if tested/not reported

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

N	Prcnt	Code	Label
2,148	62.3	0	Not tested for drugs
709	20.6	1	No drugs reported
0	0.0	100	
		-	Narcotic drug
0	0.0	295	
1	0.0	300	
		-	Depressant drug
0	0.0	395	
0	0.0	400	
		-	Stimulant drug
0	0.0	495	
0	0.0	500	
		-	Hallucinogen drug
0	0.0	595	
1	0.0	600	
		-	Cannabinoid drug
3	0.1	695	
0	0.0	700	
		-	Phencyclidine (PCP)
0	0.0	795	
0	0.0	800	
		-	Anabolic steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant drug
0	0.0	995	
34	1.0	996	Other drug

N	Prcnt	Code	Label
178	5.2	997	Tested for drugs, results unknown
7	0.2	998	Tested for drugs, drugs found, type unknown
296	8.6	999	Unknown if tested for drugs

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

N	Prcnt	Code	Label
3,095	89.8	0	Test not given
52	1.5	1	Blood
12	0.3	2	Urine
7	0.2	3	Both: Blood and urine tests
1	0.0	8	Other type test
281	8.1	9	Unknown if tested/not reported

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

N	Prcnt	Code	Label
3,095	89.8	0	Not tested for drugs
13	0.4	1	No drugs reported
0	0.0	100	
		-	Narcotic drug
0	0.0	295	
2	0.1	300	
		-	Depressant drug
1	0.0	395	
0	0.0	400	
		-	Stimulant drug
1	0.0	495	
0	0.0	500	
		-	Hallucinogen drug
0	0.0	595	

N	Prcnt	Code	Label
0	0.0	600	
		-	Cannabinoid drug
2	0.1	695	
17	0.5	996	Other drug
2	0.1	998	Tested for drugs, drugs found, type unknown
281	8.1	999	Unknown if tested for drugs

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

N	Prcnt	Code	Label
3,125	90.6	0	Test not given
29	0.8	1	Blood
5	0.1	2	Urine
6	0.2	3	Both: Blood and urine tests
1	0.0	8	Other type test
282	8.2	9	Unknown if tested/not reported

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

N	Prcnt	Code	Label
3,125	90.6	0	Not tested for drugs
12	0.3	1	No drugs reported
1	0.0	100	
		-	Narcotic drug
0	0.0	295	
0	0.0	300	
		-	Depressant drug
1	0.0	395	
0	0.0	400	
		-	Stimulant drug
0	0.0	495	

N	Prcnt	Code	Label
0	0.0	600	
		-	Cannabinoid drug
4	0.1	695	
12	0.3	996	Other drug
2	0.1	998	Tested for drugs, drugs found, type unknown
282	8.2	999	Unknown if tested for drugs

Variable	Name		Format	Type	Length
v329	OCCUPANT INJURY SEVERITY		FINJ09F	Numeric	3

N	Prcnt	Code	Label
2,029	58.8	0	O - no injury
375	10.9	1	C - possible injury
374	10.8	2	B - nonincapacitating evident injury
133	3.9	3	A - incapacitating injury
489	14.2	4	K - fatal injury
1	0.0	5	Injured, severity unknown
47	1.4	9	Unknown

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

TRANSPORTED FOR TREATMENT BY

N	Prcnt	Code	Label
2,616	75.9	0	Not transported
740	21.5	1	Yes, emergency medical services
9	0.3	2	Yes, law enforcement
17	0.5	3	Yes, other
1	0.0	4	Yes, transported by unknown source
65	1.9	9	Unknown

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

OCCUPANT DEATH DATE -- MONTH

N	Prcnt	Code	Label
29	0.8	1	January
34	1.0	2	February
44	1.3	3	March
44	1.3	4	April
41	1.2	5	May
48	1.4	6	June
50	1.5	7	July
43	1.2	8	August
31	0.9	9	September
45	1.3	10	October
37	1.1	11	November
31	0.9	12	December
2,927	84.9	88	Not applicable (non-fatal)
44	1.3	99	Unknown

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

OCCUPANT DEATH DATE -- DAY

N	Prcnt	Code	Label
14	0.4	1	1
		-	Day of month
7	0.2	31	
2,927	84.9	88	Not applicable (non-fatal)
44	1.3	99	Unknown

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

OCCUPANT DEATH DATE -- YEAR

N	Prcnt	Code	Label
479	13.9	2009	2009

N	Prnt	Code	Label
2,927	84.9	8888	Not applicable (non-fatal)
42	1.2	9999	Unknown

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

OCCUPANT DEATH TIME -- HOURS

N	Prnt	Code	Label
15	0.4	0	12:00 am - 12:59 am
12	0.3	1	1:00 am - 1:59 am
12	0.3	2	2:00 am - 2:59 am
15	0.4	3	3:00 am - 3:59 am
24	0.7	4	4:00 am - 4:59 am
23	0.7	5	5:00 am - 5:59 am
21	0.6	6	6:00 am - 6:59 am
17	0.5	7	7:00 am - 7:59 am
19	0.6	8	8:00 am - 8:59 am
22	0.6	9	9:00 am - 9:59 am
24	0.7	10	10:00 am - 10:59 am
31	0.9	11	11:00 am - 11:59 am
15	0.4	12	12:00 pm - 12:59 pm
30	0.9	13	1:00 pm - 1:59 pm
32	0.9	14	2:00 pm - 2:59 pm
23	0.7	15	3:00 pm - 3:59 pm
20	0.6	16	4:00 pm - 4:59 pm
22	0.6	17	5:00 pm - 5:59 pm
18	0.5	18	6:00 pm - 6:59 pm
12	0.3	19	7:00 pm - 7:59 pm
10	0.3	20	8:00 pm - 8:59 pm
14	0.4	21	9:00 pm - 9:59 pm
7	0.2	22	10:00 pm - 10:59 pm
11	0.3	23	11:00 pm - 11:59 pm
2,927	84.9	88	Not applicable (non-fatal)
72	2.1	99	Unknown

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

OCCUPANT DEATH TIME -- MINUTES

N	Prcnt	Code	Label
25	0.7	0	
		-	Minute
7	0.2	59	
2,927	84.9	88	Not applicable (non-fatal)
77	2.2	99	Unknown

Variable	Name	Format	Type	Length
v336	LAG TIME CRASH/DEATH - HRS		Numeric	3

LAG TIME BETWEEN ACCIDENT AND DEATH -- HOURS

N	Prcnt	Code	Label
303	8.8	0	
		-	Actual time in hours
1	0.0	599	
3,004	87.1	999	Unknown

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

OCCUPANT FATAL INJURY AT WORK

N	Prcnt	Code	Label
66	1.9	0	No
317	9.2	1	Yes
2,927	84.9	8	Not applicable (not a fatality)
138	4.0	9	Unknown

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

OCCUPANT ALCOHOL INVOLVEMENT

N	Prcnt	Code	Label
2,305	66.9	0	No (alcohol not involved)
76	2.2	1	Yes (alcohol involved)
833	24.2	8	Not reported
234	6.8	9	Unknown (police reported)

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

METHOD OF ALCOHOL DETERMINATION BY POLICE

N	Prcnt	Code	Label
332	9.6	1	Evidential test (breath, blood, urine)
95	2.8	2	Preliminary Breath Test
11	0.3	3	Behavioral
11	0.3	4	Passive Alcohol Sensor
549	15.9	5	Observed
52	1.5	8	Other (e.g., saliva test)
2,398	69.5	9	Not reported

Variable	Name	Format	Type	Length
v347	ALCOHOL TEST	FTSTY09F	Numeric	3

N	Prcnt	Code	Label
1,751	50.8	0	No test/test not given
1,147	33.3	1	Blood
86	2.5	2	Breathalyzer (BAC)
46	1.3	3	Urine
0	0.0	4	Vitreous
1	0.0	5	Blood plasma/serum
0	0.0	6	Blood clot
0	0.0	7	Liver
4	0.1	8	Other test type
136	3.9	10	Preliminary Breath Test (PBT)

N	Prcnt	Code	Label
14	0.4	98	Unknown test type
263	7.6	99	Unknown if tested/not reported

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

OCCUPANT ALCOHOL TEST RESULT

N	Prcnt	Code	Label
1,194	34.6	0	Blood alcohol test result < 0.01%
7	0.2	1	
		-	Result value (grams/100 ml)%
1	0.0	50	
0	0.0	94	.94 or greater
0	0.0	95	Test refused
1,751	50.8	96	None given
125	3.6	97	Alcohol test performed, results unknown
294	8.5	99	Unknown if tested/not reported

Variable	Name		Format	Type	Length
v349	ALCOHOL TEST STATUS		FSTATUS	Numeric	3

N	Prcnt	Code	Label
1,749	50.7	0	Test not given
2	0.1	1	Test refused
1,434	41.6	2	Test given
263	7.6	9	Unknown if testing/not reported

Variable	Name		Format	Type	Length
v361	RACE		FRACE	Numeric	3

N	Prcnt	Code	Label
2,927	84.9	0	Not a fatality (not applicable)
336	9.7	1	White
53	1.5	2	Black
2	0.1	3	American Indian (includes Aleuts and Eskimos)

N	Prcnt	Code	Label
			Asian or Pacific Islander
0	0.0	4	Chinese
0	0.0	5	Japanese
2	0.1	6	Hawaiian (includes part-Hawaiian)
0	0.0	7	Filipino
3	0.1	18	Asian Indian
0	0.0	19	Other Indian (includes South Central America, not American/Asian Indians)
0	0.0	28	Korean
0	0.0	38	Samoan
0	0.0	48	Vietnamese
0	0.0	58	Guamanian
0	0.0	68	Other Asian or Pacific Islander
1	0.0	78	Asian or Pacific Islander, no specific (individual) race
0	0.0	97	Multiple races (individuals races not specified; ex. "mixed")
5	0.1	98	All other races
119	3.5	99	Unknown

Variable	Name	Format	Type	Length
v362	HISPANIC ORIGIN	FHISPAN	Numeric	3

N	Prcnt	Code	Label
2,927	84.9	0	Not a fatality (not applicable)
8	0.2	1	Mexican
0	0.0	2	Puerto Rican
0	0.0	3	Cuban
2	0.1	4	Central or South American
1	0.0	5	European Spanish
25	0.7	6	Hispanic, origin not specified or other origin
323	9.4	7	Non-Hispanic
162	4.7	99	Unknown

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

OCCUPANT DEAD ON ARRIVAL

N	Prcnt	Code	Label
3,025	87.7	0	Not applicable (non-fatals/victims dying other than scene)
375	10.9	7	Died at scene
11	0.3	8	Died en route
37	1.1	9	Fatal, unknown location

The SURVEY Variables

Information in variables 1001 through 1062 and 1091 through 1112 was collected by the TIFA Interview.

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

N	Prcnt	Code	Label
4	0.1	1	Autocar
87	2.5	2	Chevrolet
108	3.1	3	Dodge
323	9.4	4	Ford
776	22.5	5	Freightliner
80	2.3	6	GMC
488	14.2	7	International
31	0.9	8	Isuzu
362	10.5	9	Kenworth
250	7.3	10	Mack
9	0.3	12	Mitsubishi Fuso
11	0.3	13	Nissan/UD
397	11.5	14	Peterbilt
224	6.5	15	Volvo
33	1.0	16	Western Star
4	0.1	17	White
21	0.6	18	WhiteGMC
91	2.6	19	Sterling
21	0.6	97	Other
128	3.7	99	Unknown

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

N	Prcnt	Code	Label
1	0.0	1959	1959
2	0.1	1966	1966
1	0.0	1967	1967
2	0.1	1968	1968
2	0.1	1970	1970
3	0.1	1973	1973
4	0.1	1974	1974

N	Prcnt	Code	Label
4	0.1	1975	1975
2	0.1	1977	1977
6	0.2	1978	1978
4	0.1	1979	1979
4	0.1	1980	1980
2	0.1	1981	1981
7	0.2	1982	1982
2	0.1	1983	1983
8	0.2	1984	1984
8	0.2	1985	1985
21	0.6	1986	1986
12	0.3	1987	1987
24	0.7	1988	1988
29	0.8	1989	1989
30	0.9	1990	1990
24	0.7	1991	1991
29	0.8	1992	1992
41	1.2	1993	1993
58	1.7	1994	1994
87	2.5	1995	1995
90	2.6	1996	1996
98	2.8	1997	1997
122	3.5	1998	1998
190	5.5	1999	1999
237	6.9	2000	2000
181	5.2	2001	2001
145	4.2	2002	2002
150	4.4	2003	2003
175	5.1	2004	2004
293	8.5	2005	2005
379	11.0	2006	2006
468	13.6	2007	2007
195	5.7	2008	2008
142	4.1	2009	2009
38	1.1	2010	2010
128	3.7	9999	Unknown

Variable	Name		Format	Type	Length
v1003	CAB STYLE		V1003_F	Numeric	4

N	Prcnt	Code	Label
3,161	91.7	1	Conventional
157	4.6	2	Cabover or cab-forward
130	3.8	9	Unknown

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

N	Prcnt	Code	Label
159	4.6		Unrecorded
2	0.1	1552SC	
		-	Model name or number
1	0.0	WXLL	

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

N	Prcnt	Code	Label
1,244	36.1	1	Straight truck
2,074	60.2	8	Tractor
130	3.8	9	Unknown

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

STRAIGHT TRUCK BODY STYLE

N	Prcnt	Code	Label
2,074	60.2	0	Not applicable (tractor)
198	5.7	1	Van
3	0.1	2	Open top van
29	0.8	3	Refrigerated van
0	0.0	4	Livestock carrier
88	2.6	5	Flatbed
0	0.0	6	Lowboy
14	0.4	7	Flatbed with equipment

N	Prcnt	Code	Label
20	0.6	8	Flatbed with sides
6	0.2	9	Pole/logging
66	1.9	10	Tank: liquid/gas
2	0.1	11	Tank: dry bulk
11	0.3	12	Auto carrier
227	6.6	13	Dump
0	0.0	14	Bottom dump/hopper bottom
91	2.6	15	Garbage/refuse
23	0.7	17	Concrete mixer
239	6.9	18	Pickup
216	6.3	95	Other
141	4.1	99	Unknown

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

STRAIGHT TRUCK OTHER BODY STYLE

N	Prcnt	Code	Label
3,158	91.6		Unrecorded
2	0.1	ARMORED	
		-	Specific body style
22	0.6	WRECKER	

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

NUMBER OF POWER UNIT AXLES

N	Prcnt	Code	Label
987	28.6	2	2 axles
2,229	64.6	3	3 axles
77	2.2	4	4 axles
15	0.4	5	5 axles
4	0.1	6	6 axles
1	0.0	7	7 axles
135	3.9	9	Unknown

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

N	Prcnt	Code	Label
465	13.5	0	Empty
119	3.5	1	General freight
11	0.3	2	Household goods
6	0.2	3	Building materials
7	0.2	4	Metal: coils, sheets, etc
9	0.3	5	Heavy machinery
6	0.2	6	Large objects
16	0.5	7	Motor vehicles
14	0.4	8	Piggyback/towaway
14	0.4	9	Gases in bulk
220	6.4	10	Solids in bulk
39	1.1	11	Liquids in bulk
0	0.0	12	Explosives
10	0.3	13	Logs/poles/lumber
21	0.6	14	Refrigerated food
0	0.0	15	Mobile home
22	0.6	16	Farm products
3	0.1	17	Live animals
175	5.1	18	Other
6	0.2	94	Not intended for cargo
3	0.1	95	Cargo, unknown type
2,064	59.9	98	Not applicable (not a straight truck)
218	6.3	99	Unknown

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

FIRST TRAILER TYPE

N	Prcnt	Code	Label
2,018	58.5	1	Semitrailer
23	0.7	2	Full trailer
142	4.1	3	Other
1,135	32.9	4	None
130	3.8	9	Unknown

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

NUMBER OF FIRST TRAILER AXLES

N	Prcnt	Code	Label
107	3.1	1	1 axle
1,911	55.4	2	2 axles
91	2.6	3	3 axles
20	0.6	4	4 axles
2	0.1	5	5 axles
1	0.0	8	8 axles
1	0.0	9	9 axles
130	3.8	97	Unknown if had first trailer
1,135	32.9	98	Not applicable (no first trailer)
50	1.5	99	Unknown

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

FIRST TRAILER BODY STYLE

N	Prcnt	Code	Label
1,265	36.7	0	None or unknown if had first trailer
827	24.0	1	Van
28	0.8	2	Open top van
307	8.9	3	Refrigerated van
35	1.0	4	Livestock carrier
308	8.9	5	Flatbed
32	0.9	6	Lowboy
3	0.1	7	Flatbed with equipment
8	0.2	8	Flatbed with sides
68	2.0	9	Pole/logging
180	5.2	10	Tank: liquid/gas
41	1.2	11	Tank: dry bulk
26	0.8	12	Auto carrier
136	3.9	13	Dump
101	2.9	14	Bottom dump/hopper bottom
6	0.2	15	Garbage/refuse

N	Prcnt	Code	Label
57	1.7	95	Other
20	0.6	99	Unknown

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

FIRST TRAILER OTHER BODY STYLE

N	Prcnt	Code	Label
3,297	95.6		Unknown or not applicable
3	0.1	ARROW	
		-	Specific body style
1	0.0	WINCH	

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

FIRST TRAILER CARGO TYPE

N	Prcnt	Code	Label
538	15.6	0	Empty
547	15.9	1	General freight
12	0.3	2	Household goods
24	0.7	3	Building materials
55	1.6	4	Metal: coils, sheets, etc
64	1.9	5	Heavy machinery
29	0.8	6	Large objects
27	0.8	7	Motor vehicles
1	0.0	8	Piggyback/towaway
19	0.6	9	Gases in bulk
210	6.1	10	Solids in bulk
95	2.8	11	Liquids in bulk
85	2.5	13	Logs/poles/lumber
205	5.9	14	Refrigerated food
4	0.1	15	Mobile home
50	1.5	16	Farm products
24	0.7	17	Live animals
18	0.5	18	Other
17	0.5	94	Not for cargo

N	Prcnt	Code	Label
36	1.0	95	Cargo, unknown type
130	3.8	96	Unknown if had first trailer
1,135	32.9	98	Not applicable (no first trailer)
123	3.6	99	Unknown

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

SECOND TRAILER TYPE

N	Prcnt	Code	Label
69	2.0	1	Semitrailer
24	0.7	2	Full trailer
2	0.1	3	Other
3,225	93.5	4	None
128	3.7	9	Unknown

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

NUMBER OF SECOND TRAILER AXLES

N	Prcnt	Code	Label
2	0.1	1	1 axle
85	2.5	2	2 axles
3	0.1	3	3 axles
3	0.1	4	4 axles
2	0.1	5	5 axles
128	3.7	97	Unknown if had second trailer
3,225	93.5	98	Not applicable (no second trailer)

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

SECOND TRAILER BODY STYLE

N	Prcnt	Code	Label
3,353	97.2	0	None or unknown if had second trailer

N	Prcnt	Code	Label
60	1.7	1	Van
1	0.0	3	Refrigerated van
9	0.3	5	Flatbed
2	0.1	8	Flatbed with sides
5	0.1	10	Tank: liquid/gas
2	0.1	11	Tank: dry bulk
2	0.1	13	Dump
10	0.3	14	Bottom dump/hopper bottom
2	0.1	95	Other
2	0.1	99	Unknown

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

SECOND TRAILER OTHER BODY STYLE

N	Prcnt	Code	Label
3,445	99.9		Unknown or not applicable
1	0.0	BOOSTER	
		-	Specific body style
1	0.0	TRANSFER	

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

SECOND TRAILER CARGO TYPE

N	Prcnt	Code	Label
20	0.6	0	Empty
51	1.5	1	General freight
1	0.0	6	Large objects
1	0.0	9	Gases in bulk
8	0.2	10	Solids in bulk
3	0.1	11	Liquids in bulk
1	0.0	14	Refrigerated food
2	0.1	16	Farm products
1	0.0	94	Not for cargo
128	3.7	96	Unknown if had second trailer

N	Prnct	Code	Label
3,225	93.5	98	Not applicable (no second trailer)
7	0.2	99	Unknown

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

THIRD TRAILER TYPE

N	Prnct	Code	Label
3	0.1	1	Semitrailer
3,315	96.1	4	None
130	3.8	9	Unknown

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

NUMBER OF THIRD TRAILER AXLES

N	Prnct	Code	Label
3	0.1	2	2 axles
130	3.8	97	Unknown if had third trailer
3,315	96.1	98	Not applicable (no third trailer)

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

THIRD TRAILER BODY STYLE

N	Prnct	Code	Label
3,445	99.9	0	None or unknown if had third trailer
3	0.1	1	Van

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

THIRD TRAILER OTHER BODY STYLE

N	Prcnt	Code	Label
3,448	100.0		Unknown or not applicable

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

THIRD TRAILER CARGO TYPE

N	Prcnt	Code	Label
2	0.1	1	General freight
130	3.8	96	Unknown if had third trailer
3,315	96.1	98	Not applicable (no third trailer)
1	0.0	99	Unknown

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

VEHICLE CONFIGURATION BY UNIT

N	Prcnt	Code	Label
130	3.8		Unknown or unspecified
1,075	31.2	R	
		-	Unit descriptor code
1	0.0	TWWW	

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

N	Prcnt	Code	Label
			Straight truck, no or 1 cargo-carrying trailer
1,075	31.2	1	Straight truck only
21	0.6	2	Straight truck and full trailer
84	2.4	3	Straight truck and other (non-full trailer)
54	1.6	4	Straight truck and other trailer with gooseneck hitch

N	Prnt	Code	Label
0	0.0	5	Straight truck and A-dolly and semitrailer
9	0.3	6	Straight truck wrecker with towed unit
0	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
1	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
45	1.3	20	Bobtail tractor
4	0.1	21	Tractor carrying cargo
0	0.0	22	Tractor and A-dolly
			Tractor, 1 cargo-carrying trailer
1,922	55.7	30	Tractor and semitrailer
5	0.1	31	Tractor and other (non-semitrailer)
0	0.0	32	Tractor and semitrailer and A-dolly
0	0.0	33	Tractor and full trailer
1	0.0	34	Tractor and gooseneck and other
			Tractor, 2 cargo-carrying trailers
63	1.8	40	Tractor and semitrailer and A-dolly and semitrailer
1	0.0	41	Tractor and semitrailer and B-dolly and semitrailer
0	0.0	42	Tractor and semitrailer and C-dolly and semitrailer
2	0.1	43	Tractor and semitrailer with unknown dolly and semitrailer
23	0.7	44	Tractor and semitrailer and full trailer
0	0.0	45	Tractor and full trailer and full trailer
1	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
0	0.0	49	Tractor and semitrailer and unknown trailer
			Tractor, 3 cargo-carrying trailers
3	0.1	50	Tractor and 3 trailers (A-dollies)
0	0.0	51	Tractor, semitrailer, A-dolly, semitrailer, full trailer

N	Prcnt	Code	Label
0	0.0	52	Tractor, semitrailer, two full trailers
0	0.0	53	Tractor and semitrailer and C-dolly and semitrailer and A-dolly and semitrailer

Combinations for oversize/overweight loads

N	Prcnt	Code	Label
0	0.0	60	Tractor and jeep and semitrailer and jeep
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
0	0.0	64	Tractor and jeep and semitrailer and other
1	0.0	65	Tractor and jeep with cargo
0	0.0	66	Tractor and semitrailer and full trailer and straight truck
0	0.0	67	Tractor and jeep and other

Unusual tractor combinations

N	Prcnt	Code	Label
0	0.0	70	Tractor towing tractor *
0	0.0	71	Tractor towing straight truck *
0	0.0	72	Tractor towing tractor-semitrailer*
1	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

N	Prcnt	Code	Label
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
0	0.0	87	Wrecker and A-dolly
130	3.8	99	Unknown

*Towed with all wheels on the ground

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

NUMBER OF TRAILERS

N	Prcnt	Code	Label
1,135	32.9	0	No trailer
2,088	60.6	1	1 trailer
92	2.7	2	2 trailers
3	0.1	3	3 trailers
130	3.8	9	Unknown

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

N	Prcnt	Code	Label
354	10.3	3	10,001 - 14,000 lbs.
90	2.6	4	14,001 - 16,000 lbs.
71	2.1	5	16,001 - 19,500 lbs.
189	5.5	6	19,501 - 26,000 lbs.
223	6.5	7	26,001 - 33,000 lbs.
2,382	69.1	8	33,001 lbs. or more
139	4.0	9	Unknown

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

N	Prcnt	Code	Label
709	20.6	2	10,000-26,000 lbs
2,603	75.5	3	Greater than 26,000 lbs
136	3.9	9	Unknown

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

ACTUAL CARGO CARRIED

N	Prcnt	Code	Label
1,605	46.5		

N	Prcnt	Code	Label
1	0.0	ACETONE	
		-	Actual cargo
1	0.0	YARN	

Variable	Name		Format	Type	Length
v1056	CARGO SPILLAGE		V1056_F	Numeric	4

N	Prcnt	Code	Label
2,705	78.5	0	No spillage
425	12.3	1	Spillage of nonhazardous cargo
32	0.9	2	Spillage of hazardous cargo
286	8.3	9	Unknown

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

N	Prcnt	Code	Label
2,191	63.5	1	Interstate
716	20.8	2	Intrastate
137	4.0	5	Personal use only
70	2.0	6	Government owned
14	0.4	7	Daily rental
320	9.3	9	Unknown

Variable	Name		Format	Type	Length
v1058	OPERATING AUTHORITY		V1058_F	Numeric	4

N	Prcnt	Code	Label
1,111	32.2	1	Private
1,855	53.8	2	For hire
137	4.0	5	Personal use only
70	2.0	6	Government owned
14	0.4	7	Daily rental
261	7.6	9	Unknown

Variable	Name		Format	Type	Length
v1059	ACCIDENT TYPE		V1059_F	Numeric	4

N	Prcnt	Code	Label
4	0.1	0	No impact
		-	Diagram number (see appendix)
51	1.5	97	Untripped rollover
403	11.7	98	Other accident type
150	4.4	99	Unknown

Variable	Name		Format	Type	Length
v1061	TRIP TYPE		V1061_F	Numeric	4

N	Prcnt	Code	Label
1,109	32.2	1	Local delivery
379	11.0	2	51 to 100 miles
183	5.3	3	101 to 150 miles
150	4.4	4	151 to 200 miles
390	11.3	5	201 to 500 miles
408	11.8	6	Over 500 miles
91	2.6	7	Unknown over-the-road trip distance
738	21.4	9	Unknown

Variable	Name		Format	Type	Length
v1062	HOURS DRIVING		V1062_F	Numeric	4

N	Prcnt	Code	Label
545	15.8	1	1 hour
324	9.4	2	2 hours
223	6.5	3	3 hours
187	5.4	4	4 hours
149	4.3	5	5 hours
141	4.1	6	6 hours
101	2.9	7	7 hours
79	2.3	8	8 hours
31	0.9	9	9 hours
31	0.9	10	10 hours
3	0.1	11	11 hours

N	Prcnt	Code	Label
3	0.1	12	12 hours
3	0.1	13	13 hours
1	0.0	14	14 hours
1	0.0	17	17 hours
459	13.3	96	Unknown but legal
18	0.5	97	Unknown but not legal
7	0.2	98	Not applicable
1,142	33.1	99	Unknown

Variable	Name	Format	Type	Length
v1063	INTERVIEW CONDUCTED	V1063_F	Numeric	4

N	Prcnt	Code	Label
3,016	87.5	1	Yes
432	12.5	2	No

Variable	Name	Format	Type	Length
v1064	POLICE REPORT	V1064_F	Numeric	4

N	Prcnt	Code	Label
3,297	95.6	1	Yes
151	4.4	2	No

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

N	Prcnt	Code	Label
297	8.6	1	Yes
3,151	91.4	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

N	Prcnt	Code	Label
3,382	98.1	0	None
1	0.0	11	Question 11
2	0.1	13	Question 13
15	0.4	16	Question 16
48	1.4	17	Question 17

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

SECOND QUESTION DERIVED

N	Prcnt	Code	Label
3,445	99.9	0	None
3	0.1	17	Question 17

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

THIRD QUESTION DERIVED

N	Prcnt	Code	Label
3,448	100.0	0	None

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

FOURTH QUESTION DERIVED

N	Prcnt	Code	Label
3,448	100.0	0	None

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

FIFTH QUESTION DERIVED

N	Prcnt	Code	Label
3,448	100.0	0	None

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

N	Prcnt	Code	Label
110	3.2	1	Yes
3,111	90.2	2	No
227	6.6	9	Unknown

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

N	Prcnt	Code	Label
0	0.0	1	Explosives
34	1.0	2	Compressed gases
60	1.7	3	Flammable liquids
0	0.0	4	Flammable solids
3	0.1	5	Oxidizing substances
1	0.0	6	Poisonous substances
0	0.0	7	Radioactive materials
8	0.2	8	Corrosive liquids
4	0.1	9	Miscellaneous hazardous substances
3,111	90.2	98	Not applicable
227	6.6	99	Unknown

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

N	Prcnt	Code	Label
3	0.1	1005	
		-	Hazardous placed number

N	Prcnt	Code	Label
1	0.0	3309	
3,111	90.2	9998	Not applicable
235	6.8	9999	Unknown

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

N	Prcnt	Code	Label
30	0.9	1	Yes
2,209	64.1	2	No
1,209	35.1	9	Unknown

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

N	Prcnt	Code	Label
22	0.6	1	Yes
2,221	64.4	2	No
1,205	34.9	9	Unknown

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

N	Prcnt	Code	Label
38	1.1	1	Yes
2,205	64.0	2	No
1,205	34.9	9	Unknown

Variable	Name	Format	Type	Length
v1104	ROLLOVER WARNING	V1101_8F	Numeric	4

N	Prcnt	Code	Label
43	1.2	1	Yes
2,195	63.7	2	No
1,210	35.1	9	Unknown

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

N	Prcnt	Code	Label
90	2.6	1	Yes
2,086	60.5	2	No
1,272	36.9	9	Unknown

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

N	Prcnt	Code	Label
458	13.3	1	Yes
1,797	52.1	2	No
1,193	34.6	9	Unknown

Variable	Name		Format	Type	Length
v1107	TRAILER TRACKING		V1101_8F	Numeric	4

N	Prcnt	Code	Label
102	3.0	1	Yes
1,951	56.6	2	No
1,395	40.5	9	Unknown

Variable	Name		Format	Type	Length
v1108	SPEED LIMITER		V1101_8F	Numeric	4

N	Prcnt	Code	Label
1,084	31.4	1	Yes
1,110	32.2	2	No
1,254	36.4	9	Unknown

Variable	Name		Format	Type	Length
v1111	DRIVER COMPENSATION		V1111_F	Numeric	4

N	Prcnt	Code	Label
203	5.9	1	Percent of gross trip revenue

N	Prcnt	Code	Label
758	22.0	2	By hour
504	14.6	3	By mile
39	1.1	4	By hour and mile
223	6.5	5	By load
282	8.2	6	Other
1,439	41.7	9	Unknown

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

N	Prcnt	Code and Label
1	0.0	Base + commission
4	0.1	By day
13	0.4	By job
1	0.0	By month
2	0.1	By route
1	0.0	By ton
9	0.3	By trip
2	0.1	By week
5	0.1	By weight
9	0.3	Commission
1	0.0	Day + trip
1	0.0	Finder's fee
9	0.3	Flat rate
2	0.1	Hour + load
1	0.0	Hour + route
2	0.1	Hour + stops
6	0.2	Hour + commission
1	0.0	Load + weight
19	0.6	Mile + activity
2	0.1	Mile + drops
1	0.0	Mile + events
1	0.0	Mile + function
1	0.0	Mile + hour
8	0.2	Mile + load
1	0.0	Mile + revenue
6	0.2	Mile + stops
5	0.1	Mile + weight

N	Prcnt	Code and Label
1	0.0	Mile, load, + weight
1	0.0	Mile, hour, + weight
1	0.0	Mile, weight, + stops
3	0.1	No compensation
2	0.1	None -- borrowed
2	0.1	None – rental vehicle
6	0.2	None – stolen vehicle
1	0.0	None -- trainee
61	1.8	Owner/business
47	1.4	Personal trip
34	1.0	Salary
2	0.1	Salary + load
1	0.0	Salary + stops
4	0.1	Salary + commission
1	0.0	Sale of cargo
1	0.0	Weight + stops + percent
1,727	50.1	Not applicable
1,439	41.7	Unknown

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2009
SURVEY VARIABLES

SURVEY Variables for Vehicles Not In-Transport

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

N	Prcnt	Code	Label
94	54.0	1	Straight truck
70	40.2	8	Tractor
10	5.7	9	Unknown

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

FIRST TRAILER TYPE

N	Prcnt	Code	Label
67	38.5	1	Semitrailer
0	0.0	2	Full trailer
12	6.9	3	Other
85	48.9	4	None
10	5.7	9	Unknown

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

SECOND TRAILER TYPE

N	Prcnt	Code	Label
1	0.6	1	Semitrailer
2	1.1	2	Full trailer
1	0.6	3	Other
160	92.0	4	None
10	5.7	9	Unknown

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

THIRD TRAILER TYPE

N	Prcnt	Code	Label
0	0.0	1	Semitrailer
0	0.0	2	Full trailer
0	0.0	3	Other
164	94.3	4	None
10	5.7	9	Unknown

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

VEHICLE CONFIGURATION BY UNIT

N	Prcnt	Code	Label
81	46.6	R	
		-	Unit descriptor code
2	1.1	TSF	
9	5.2		Unknown

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

N	Prcnt	Code	Label
			Straight truck, no or 1 cargo-carrying trailer
81	46.6	1	Straight truck only
0	0.0	2	Straight truck and full trailer
9	5.2	3	Straight truck and other (non-full trailer)
3	1.7	4	Straight truck and other trailer with gooseneck hitch
0	0.0	5	Straight truck and A-dolly and semitrailer
2	1.1	6	Straight truck wrecker with towed unit
0	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

N	Prnt	Code	Label
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

N	Prnt	Code	Label
3	1.7	20	Bobtail tractor
0	0.0	21	Tractor carrying cargo
0	0.0	22	Tractor and A-dolly

Tractor, 1 cargo-carrying trailer

N	Prnt	Code	Label
63	36.2	30	Tractor and semitrailer
0	0.0	31	Tractor and other (non-semitrailer)
1	0.6	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

N	Prnt	Code	Label
1	0.6	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
2	1.1	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
0	0.0	49	Tractor and semitrailer and unknown trailer

Tractor, 3 cargo-carrying trailers

N	Prnt	Code	Label
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
0	0.0	53	Tractor and semitrailer and C-dolly and semitrailer and A-dolly

Combination for oversize/overweight loads

N	Prnt	Code	Label
0	0.0	60	Tractor and jeep and semitrailer and jeep
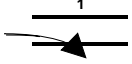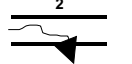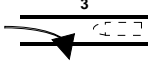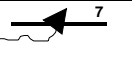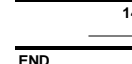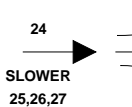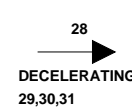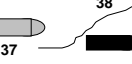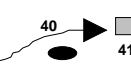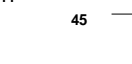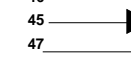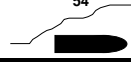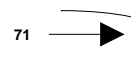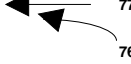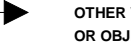
N	Prcnt	Code	Label
0	0.0	61	Tractor and semitrailer and jeep
0	0.0	62	Tractor and jeep and semitrailer
0	0.0	63	Tractor and jeep and full trailer and jeep
0	0.0	64	Tractor and jeep and semitrailer and other
0	0.0	65	Tractor and jeep with cargo
0	0.0	66	Tractor and semitrailer and full trailer and straight truck
0	0.0	67	Tractor and jeep and other

Unusual tractor combinations

N	Prcnt	Code	Label
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

Unusual straight truck combinations

N	Prcnt	Code	Label
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
0	0.0	87	Wrecker and A-dolly
9	5.2	99	Unknown

*Towed units with all wheels on the ground.

APPENDIX

ACCIDENT TYPES (INCLUDES INTENT)

CATEGORY	CONFIGURATION					
		1	2	3	4	5
	A. RIGHT ROADSIDE DEPARTURE	DRIVE OFF ROAD	CONTROL/ TRACTION LOSS	AVOID COLLISION W/ VEHICLE, PEDESTRIAN, ANIMAL	SPECIFICS OTHER	SPECIFICS UNKNOWN
		6	7	8	9	10
I SINGLE DRIVER	**B. LEFT ROADSIDE DEPARTURE**	DRIVE OFF ROAD	CONTROL/ TRACTION LOSS	AVOID COLLISION W/VEHICLE, PEDESTRIAN, ANIMAL	SPECIFICS OTHER	SPECIFICS UNKNOWN
		11 / 12 / 13 / 14			15	16
	C. FORWARD IMPACT	PARKED VEHICLE / STATIONARY OBJECT / PEDESTRIAN ANIMAL / END DEPARTURE			SPECIFICS OTHER	SPECIFICS UNKNOWN
	D. REAR-END	20 / 22 / 21 / 23 STOPPED 21,22,23	24 / 26 / 25 / 27 SLOWER 25,26,27	28 / 30 / 29 / 31 DECELERATING 29,30,31	(EACH - 32) SPECIFICS OTHER	(EACH - 33) SPECIFICS UNKNOWN
II SAME TRAFFICWAY SAME DIRECTION	**E. FORWARD IMPACT**	34 / 35 CONTROL/ TRACTION LOSS	36 / 37 CONTROL/ TRACTION LOSS	38 / 39 AVOID COLLISION WITH VEHICLE	40 / 41 AVOID COLLISION WITH OBJECT	(EACH - 42) SPECIFICS OTHER / (EACH - 43) SPECIFICS UNKNOWN
	F. SIDESWIPE ANGLE	44 / 45		46 / 45 / 47	(EACH - 48) SPECIFICS OTHER	(EACH - 49) SPECIFICS UNKNOWN
III SAME TRAFFICWAY OPPOSITE DIRECTION	**G. HEAD-ON**	50 / 51 LATERAL MOVE			(EACH - 52) SPECIFICS OTHER	(EACH - 53) SPECIFICS UNKNOWN
	H. FORWARD IMPACT	54 / 55 CONTROL/ TRACTION LOSS	56 / 57 CONTROL/ TRACTION LOSS	58 / 59 AVOID COLLISION WITH VEHICLE	60 / 61 AVOID COLLISION WITH OBJECT	(EACH - 62) SPECIFICS OTHER / (EACH - 63) SPECIFICS UNKNOWN
	I. SIDESWIPE/ ANGLE	64 LATERAL MOVE / 65			(EACH - 66) SPECIFICS OTHER	(EACH - 67) SPECIFICS UNKNOWN
IV CHANGE TRAFFICWAY VEHICLE TURNING	**J. TURN ACROSS PATH**	68 / 69 INITIAL OPPOSITE DIRECTIONS	70 / 71 / 72 / 73 INITIAL SAME DIRECTION		(EACH - 74) SPECIFICS OTHER	(EACH - 75) SPECIFICS UNKNOWN
	K. TURN INTO PATH	76 / 77 / 78 / 79 TURN INTO SAME DIRECTION	80 / 81 / 82 / 83 TURN IN OPPOSITE DIRECTIONS		(EACH - 84) SPECIFICS OTHER	(EACH - 85) SPECIFICS UNKNOWN
V INTERSECTING PATH-VEHICLE DAMAGE	**L. STRAIGHT PATHS**	87 / 86		88 / 89	(EACH - 90) SPECIFICS OTHER	(EACH - 91) SPECIFICS UNKNOWN
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 _____ / _____ / **2009**

Month   Day   Year

ACCIDENT IDENTIFICATION *(fill out prior to interview)*

1.   FARS State Code   __ __   State of Accident   _____

1   2

2.   FARS Case No.   __ __ __ __

3   4   5   6

3.   FARS Vehicle No.   __ __

7   8

POWER UNIT

4.   Truck Make

Autocar	[ ]	01
Chevrolet	[ ]	02
Dodge	[ ]	03
Ford	[ ]	04
Freightliner	[ ]	05
GMC	[ ]	06
International/Navistar	[ ]	07
Isuzu	[ ]	08
Kenworth	[ ]	09
Mack	[ ]	10
Mercedes	[ ]	11
Mitsubishi Fuso	[ ]	12
Nissan/UD	[ ]	13
Peterbilt	[ ]	14
Volvo	[ ]	15
Western Star	[ ]	16
White	[ ]	17
WhiteGMC	[ ]	18
Sterling	[ ]	19
Other _____	[ ]	97

(Specify)   9-10

5.   Truck Model Year: __ __ __ __

11   12   13   14

6.   Cab Style

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

15

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

Truck Model __ __ __ __ __ __ __ __ __ __ (editor)

16   17   18   19   20   21   22   23   24   25

NOTE: Put all information and calculations on this form.

	POWER UNIT	FIRST TRAILER	SECOND TRAILER	THIRD TRAILER

8. TYPE:

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

FIRST TRAILER
Semi [ ] 1
Full [ ] 2
Other [ ] 3
None [ ] 4
27

SECOND TRAILER
Semi [ ] 1
Full [ ] 2
Other [ ] 3
None [ ] 4
28

THIRD TRAILER
Semi [ ] 1
Full [ ] 2
Other [ ] 3
None [ ] 4
29

9. NO. OF AXLES
IN USE/DOWN:

___ 30   ___ 31   ___ 32   ___ 33

10. COMBINATION CODE:

___ ___ ___ ___ ___ ___ ___ ___ ___ ___
34 35 36 37 38 39 40 41 42 43

(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)

11. BODY STYLE:

POWER UNIT
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

FIRST TRAILER
Van [ ] 01
Open top van [ ] 02
Refrigerated van [ ] 03
Livestock carrier [ ] 04
Flatbed [ ] 05
Low boy [ ] 06
Flatbed w/equip. [ ] 07
Flatbed w/sides [ ] 08
Pole/logging [ ] 09
Tank - liquid/gas [ ] 10
Tank - dry bulk [ ] 11
Auto carrier [ ] 12
Dump [ ] 13
BottomDump/hopper [ ] 14
Garbage/refuse [ ] 15
Concrete mixer [ ] 17
Other [ ] 95
46-47

SECOND TRAILER
Van [ ] 01
Open top van [ ] 02
Refrigerated van [ ] 03
Livestock carrier [ ] 04
Flatbed [ ] 05
Low boy [ ] 06
Flatbed w/equip. [ ] 07
Flatbed w/sides [ ] 08
Pole/logging [ ] 09
Tank - liquid/gas [ ] 10
Tank - dry bulk [ ] 11
Auto carrier [ ] 12
Dump [ ] 13
BottomDump/hopper [ ] 14
Garbage/refuse [ ] 15
Concrete mixer [ ] 17
Other [ ] 95
48-49

THIRD TRAILER
Van [ ] 01
Open top van [ ] 02
Refrigerated van [ ] 03
Livestock carrier [ ] 04
Flatbed [ ] 05
Low boy [ ] 06
Flatbed w/equip. [ ] 07
Flatbed w/sides [ ] 08
Pole/logging [ ] 09
Tank - liquid/gas [ ] 10
Tank - dry bulk [ ] 11
Auto carrier [ ] 12
Dump [ ] 13
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

POWER UNIT	FIRST TRAILER	SECOND TRAILER	THIRD TRAILER

12. CARGO:

Power Unit		First Trailer		Second Trailer		Third Trailer	
Empty	[ ] 00	Empty	[ ] 00	Empty	[ ] 00	Empty	[ ] 00
General freight	[ ] 01	General freight	[ ] 01	General freight	[ ] 01	General freight	[ ] 01
Household goods	[ ] 02	Household goods	[ ] 02	Household goods	[ ] 02	Household goods	[ ] 02
Building materials	[ ] 03	Building materials	[ ] 03	Building materials	[ ] 03	Building materials	[ ] 03
Metal (coils, sheets)	[ ] 04	Metal (coils, sheets)	[ ] 04	Metal (coils, sheets)	[ ] 04	Metal (coils, sheets)	[ ] 04
Heavy machinery	[ ] 05	Heavy machinery	[ ] 05	Heavy machinery	[ ] 05	Heavy machinery	[ ] 05
Large objects	[ ] 06	Large objects	[ ] 06	Large objects	[ ] 06	Large objects	[ ] 06
Motor vehicles	[ ] 07	Motor vehicles	[ ] 07	Motor vehicles	[ ] 07	Motor vehicles	[ ] 07
Piggyback/towaway	[ ] 08	Piggyback/towaway	[ ] 08	Piggyback/towaway	[ ] 08	Piggyback/towaway	[ ] 08
Gases in bulk	[ ] 09	Gases in bulk	[ ] 09	Gases in bulk	[ ] 09	Gases in bulk	[ ] 09
Solids in bulk	[ ] 10	Solids in bulk	[ ] 10	Solids in bulk	[ ] 10	Solids in bulk	[ ] 10
Liquids in bulk	[ ] 11	Liquids in bulk	[ ] 11	Liquids in bulk	[ ] 11	Liquids in bulk	[ ] 11
Explosives	[ ] 12	Explosives	[ ] 12	Explosives	[ ] 12	Explosives	[ ] 12
Logs, poles, lumber	[ ] 13	Logs, poles, lumber	[ ] 13	Logs, poles, lumber	[ ] 13	Logs, poles, lumber	[ ] 13
Refrigerated foods	[ ] 14	Refrigerated foods	[ ] 14	Refrigerated foods	[ ] 14	Refrigerated foods	[ ] 14
Mobile home	[ ] 15	Mobile home	[ ] 15	Mobile home	[ ] 15	Mobile home	[ ] 15
Farm products	[ ] 16	Farm products	[ ] 16	Farm products	[ ] 16	Farm products	[ ] 16
Live animals	[ ] 17	Live animals	[ ] 17	Live animals	[ ] 17	Live animals	[ ] 17
Other	[ ] 18	Other	[ ] 18	Other	[ ] 18	Other	[ ] 18
Not for cargo	[ ] 94	Not for cargo	[ ] 94	Not for cargo	[ ] 94	Not for cargo	[ ] 94
Unknown type	[ ] 95	Unknown type	[ ] 95	Unknown type	[ ] 95	Unknown type	[ ] 95
92-93		94-95		96-97		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 [ ] 0
Spillage of non-hazardous cargo [ ] 1
Spillage of hazardous cargo [ ] 2
126

Page 3

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	[ ] 1
No	[ ] 2
Personal use <u>only</u>	[ ] 5
Govt. owned	[ ] 6
Daily rental	[ ] 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 <u>only</u>	[ ] 5
Govt. owned	[ ] 6
Daily rental	[ ] 7

128

18. ITS/Collision Avoidance Systems or Devices

	Yes	No	
Speed limiter	[ ] 1	[ ] 2	129
Headway detection/forward crash warning	[ ] 1	[ ] 2	130
Side/object detection	[ ] 1	[ ] 2	131
Lane departure warning	[ ] 1	[ ] 2	132
Rollover warning	[ ] 1	[ ] 2	133
Electronic stability control	[ ] 1	[ ] 2	134
Power unit tracking	[ ] 1	[ ] 2	135
Trailer tracking	[ ] 1	[ ] 2	136

19. Intended <u>One-Way</u> 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 <u>driving</u> since the last 10-hour break? __ __ Hrs.
154 155

REMAINDER TO BE COMPLETED BY EDITOR.

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

___ ___
156   157

23. Interview?

Yes [ ] 1
No [ ] 2
158

24. Police report?

Yes [ ] 1
No [ ] 2
159

25. FAX/Mail/Email?

Yes [ ] 1
No [ ] 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

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