Trucks Involved in Fatal Accidents
Codebook 2008

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(Version January 21, 2011)

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16. Abstract

This report provides documentation for UMTRI's file of Trucks Involved in Fatal Accidents (TIFA), 2008, including distributions of the code values for each variable in the file. The 2008 TIFA file is a census of all medium and heavy trucks involved in a fatal accident in the United States. The TIFA database provides coverage of all medium and heavy trucks recorded in the Fatality Analysis Reporting System (FARS) file. TIFA combines vehicle, accident, and occupant records from FARS with information about the physical configuration and operating authority of the truck from the TIFA survey.

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INTRODUCTION

Overview

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

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

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

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

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

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

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

Sources of Information

The first step in the acquisition of the data to supplement FARS was to obtain, from the states, copies of the police reports on all fatal accidents involving at least one truck. While the format of these reports varies considerably from state to state, they all include the identities of the owner and the driver of the vehicles involved (though some states remove this information) and a description, sometimes very brief, of what occurred. These police reports were subsequently used in identifying the appropriate respondent to contact and in checking responses for accuracy.

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

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

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

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

Number of Cases

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

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

Format of Codebook

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

Obtaining Information from the Dataset

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

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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

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Variable Number	Variable Name	Page Number

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS VEHICLE VARIABLES

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS DRIVER VARIABLES

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS OCCUPANT VARIABLES

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
SURVEY VARIABLES

The ACCIDENT Variables

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

Variable	Name	Format	Type	Length
v1	CASE STATE	FSTATES	Numeric	4

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

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

Variable	Name	Format	Type	Length
v2	CASE NUMBER	4	Numeric	4

CASE NUMBER ASSIGNED WITHIN STATES

N	Prnct	Code	Label
6	0.1	1	
		-	Case number
1	0.0	3151	

Variable	Name	Format	Type	Length
v7	CITY		Numeric	4

CITY – GSA GEOGRAPHIC LOCATION CODE

N	Prnct	Code	Label
2,710	62.3	0	Not applicable

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

Variable	Name	Format	Type	Length
v8	COUNTY		Numeric	3

COUNTY – GSA GEOGRAPHIC LOCATION CODE

N	Prcnt	Code	Label
88	2.0	1	
		-	GSA code
1	0.0	810	

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

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

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

N	Prcnt	Code	Label
125	2.9	1	
		-	Day of month
92	2.1	31	

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

N	Prcnt	Code	Label
4,352	100.0	2008	2008

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

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

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

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

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

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

NUMBER OF MOTOR VEHICLES IN-TRANSPORT INVOLVED IN ACCIDENT

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

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

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

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

NUMBER OF PERSONS INVOLVED IN ACCIDENT

Does not include uninjured bus or railway train occupants.

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

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

Variable	Name	Format	Type	Length
v16	LAND USE	V16_F	Numeric	3

LAND USE – FHWA CLASSIFICATION

Recode of Roadway Function Class (v18)

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

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

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

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

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

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

Variable	Name	Format	Type	Length
v19	ROUTE SIGNING	FRTSIGN	Numeric	3

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

N	Prcnt	Code	Label
98	2.3	8	Other
3	0.1	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	US-92	

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

N	Prcnt	Code	Label
57	1.3	0	
		-	Roadway identifier
2	0.0	Woodland	

Variable	Name	Format	Type	Length
v21	MILEPOINT		Numeric	4

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

Variable	Name	Format	Type	Length
v22	SPECIAL JURISDICTION	FSPECJUR	Numeric	3

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

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

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

FIRST EVENT CAUSING INJURY/PROPERTY DAMAGE

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

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

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

Noncollision Event
   01 = Overturn/rollover

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

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

N	Prcnt	Code	Label
			Non-interchange
2,923	67.2	1	Non-junction
921	21.2	2	Intersection
126	2.9	3	Intersection related
61	1.4	4	Driveway, alley access, etc.
18	0.4	5	Entrance/exit ramp related
16	0.4	6	Rail grade crossing
19	0.4	7	Crossover-related
69	1.6	8	Driveway access related
1	0.0	9	Unknown, non-interchange
			Interchange Area
35	0.8	10	Intersection
10	0.2	11	Intersection related
3	0.1	12	Driveway access
42	1.0	13	Entrance/exit ramp related
0	0.0	14	Crossover-related
104	2.4	15	Other location in interchange
1	0.0	19	Unknown, interchange area
3	0.1	99	Unknown

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

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

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

Variable	Name	Format	Type	Length
v27	TRAFFICWAY FLOW	FFLOW03F	Numeric	3

A trafficway may include several roadways if it is a physically divided highway. Trafficways are not physically divided unless the divider is a median, barrier or other constructed device. Pavement markings do not qualify.

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

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

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

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

Variable	Name	Format	Type	Length
v29	SPEED LIMIT	FSPLMT	Numeric	3

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

Variable	Name	Format	Type	Length
v30	ROADWAY ALIGNMENT	FALIG	Numeric	3

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

Variable	Name	Format	Type	Length
v31	ROADWAY PROFILE	FGRAD82F	Numeric	3

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

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

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

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

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

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

N	Prcnt	Code	Label
3,234	74.3	0	No controls

*** Not at Railroad Grade Crossing ***

Highway traffic signals

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

TRUCKS INVOLVED IN FATAL ACCIDENTS, 2008
FARS ACCIDENT VARIABLES

N	Prcnt	Code	Label
21	0.5	4	Flashing traffic control signal
8	0.2	5	Flashing beacon
3	0.1	6	Flashing highway traffic signal, type unknown or other than traffic control or beacon
0	0.0	7	Lane use control signal
3	0.1	8	Other highway traffic signal
2	0.0	9	Unknown highway traffic signal

Regulatory signs

N	Prcnt	Code	Label
452	10.4	20	Stop sign
16	0.4	21	Yield sign
128	2.9	28	Other regulatory sign
0	0.0	29	Unknown type regulatory sign

School zone signs

N	Prcnt	Code	Label
0	0.0	30	School speed limit sign
1	0.0	31	School advance or crossing sign
0	0.0	38	Other school related sign
0	0.0	39	Unknown type school zone sign

Warning signs

N	Prcnt	Code	Label
80	1.8	40	Warning sign
18	0.4	41	Electronic warning sign

Miscellaneous not at railroad crossing

N	Prcnt	Code	Label
33	0.8	50	Officer, crossing guard, flagman, etc.

*** At Railroad Grade Crossing ***

Active devices

N	Prcnt	Code	Label
1	0.0	60	Gates
1	0.0	61	Flashing lights
1	0.0	62	Traffic control signal
0	0.0	63	Wigwags
0	0.0	64	Bells
0	0.0	68	Other train activated device
0	0.0	69	Active device, type unknown

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

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

TRAFFIC CONTROL FUNCTIONING

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

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

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

Variable	Name			Format	Type	Length
v37	LIGHT CONDITION			FLIGHT	Numeric	3

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

Variable	Name			Format	Type	Length
v38	ATMOSPHERIC CONDITIONS			FATM07F	Numeric	3

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

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

CONSTRUCTION OR MAINTENANCE ZONE

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

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

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

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

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

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

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

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

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

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

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

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

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

N	Prcnt	Code	Label
4,333	99.6	0	No
19	0.4	1	Yes

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

RAIL GRADE CROSSING ID – FRA CODE

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

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

NUMBER OF FATALITIES IN ACCIDENT

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

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

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

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

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

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

The Julian date from March 1, 1990.

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

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

NUMBER OF UNINJURED IN ACCIDENT

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

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

NUMBER OF C-INJURED IN ACCIDENT

N	Prcnt	Code	Label
3,548	81.5	0	0 C-injured

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

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

NUMBER OF B-INJURED IN ACCIDENT

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

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

NUMBER OF A-INJURED IN ACCIDENT

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

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

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

NUMBER OF K-INJURED IN ACCIDENT

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

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

NUMBER OF UNKNOWN INJURED IN ACCIDENT

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

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

FACTORS AT ACCIDENT LEVEL – RESPONSE #1

N	Prcnt	Code	Label
4,007	92.1	0	None
1	0.0	1	Inadequate warning of exits, lanes narrowing, etc.
2	0.0	2	Shoulder design or condition
23	0.5	3	Other construction-created condition
2	0.0	4	No (or obscured) pavement marking
2	0.0	5	Surface under water
1	0.0	6	Inadequate construction or poor design of roadway, etc.

Special circumstances

N	Prcnt	Code	Label
0	0.0	7	Surface washed out (caved in, road slippage)
0	0.0	13	Aggressive driving/road rage by non-contact vehicle driver
135	3.1	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
3	0.1	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
8	0.2	16	Nonoccupant struck vehicle
1	0.0	17	Vehicle set-in-motion by nondriver
0	0.0	18	Date of accident and date of emergency medical services notification not same day
132	3.0	19	Recent previous accident scene nearby
9	0.2	20	Police pursuit involved
2	0.0	21	Within designated school zone
12	0.3	22	Speed limit is a statutory limit - state's "basic rule"
10	0.2	23	Indication of a stalled/disabled vehicle
2	0.0	99	Unknown

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

FACTORS AT ACCIDENT LEVEL – RESPONSE #2

N	Prcnt	Code	Label
4,317	99.2	0	None

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

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

FACTORS AT ACCIDENT LEVEL – RESPONSE #3

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

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

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

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

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

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

Variable	Name	Format	Type	Length
v71	LATITUDE		Numeric	8

LATITUDE IN DECIMAL DEGREE FORMAT

N	Prcnt	Code	Label
1	0.0	19.346619	
		-	Latitude
1	0.0	63.679806	

Variable	Name	Format	Type	Length
v72	LONGITUDE		Numeric	8

LONGITUDE IN DECIMAL DEGREE FORMAT

N	Prcnt	Code	Label
1	0.0	-170.5122	
		-	Longitude
1	0.0	-67.84722	

The VEHICLE Variables

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

Variable	Name		Format	Type	Length
v104	VEHICLE NUMBER		FVEHNUM	Numeric	4

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

Variable	Name		Format	Type	Length
v105	UNIT TYPE		FUNIT	Numeric	3

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

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

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

Variable	Name			Format	Type	Length
v108	VEHICLE MAKE			FMAKE91F	Numeric	3

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

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

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

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

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

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

N	Prcnt	Code	Label
2	0.0	99	Unknown body type

Variable	Name		Format	Type	Length
v111	MODEL YEAR		FMODYR	Numeric	4

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

Variable	Name		Format	Type	Length
v112	VIN		$12	Char	12

VEHICLE IDENTIFICATION NUMBER – FIRST 12 POSITIONS

Variable	Name				Format	Type	Length
v123	REGISTRATION STATE				FREG08ST	Numeric	3

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

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

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

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

Variable	Name			Format	Type	Length
v125	ROLLOVER			FROLL	Numeric	3

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

Variable	Name			Format	Type	Length
v126	JACKKNIFE			FJK82F	Numeric	3

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

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

Variable	Name			Format	Type	Length
v127	TRAVEL SPEED			FTSPEED	Numeric	3

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

Variable	Name	Format	Type	Length
v129	VEHICLE TRAILERING	FVTOW87F	Numeric	3

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

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

Variable	Name	Format	Type	Length
v130	VEHICLE CONFIGURATION	FVCON01F	Numeric	3

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

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

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

Variable	Name		Format	Type	Length
v133	SPECIAL USE		FSPECIAL	Numeric	3

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

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

Variable	Name	Format	Type	Length
v134	EMERGENCY USE	FYESNO	Numeric	3

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

N	Prcnt	Code	Label
4,350	100.0	0	No
2	0.0	1	Yes

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

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

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

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

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

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

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

Variable	Name	Format	Type	Length
v138	VEHICLE ROLE	FIMPAC	Numeric	3

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

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

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

Variable	Name		Format	Type	Length
v140	FIRE OCCURRENCE		FFIRE	Numeric	3

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

Variable	Name		Format	Type	Length
v142	VEHICLE MANEUVER		FV_MAN	Numeric	3

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

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

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

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

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

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

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

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

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

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

Collision With Motor Vehicle

  Collision Involving Motor Vehicles In–Transport
    12 = Motor vehicle in–transport on same roadway
    13 = Motor vehicle in–transport on different roadway
    54 = Motor vehicle in–transport strikes or is struck by cargo, persons, or objects set–in–motion
         from/by another motor vehicle in–transport

  Collision Involving Motor Vehicles Not In–Transport
    14 = Parked motor vehicle or motor vehicle stopped off roadway
    45 = Working motor vehicle (construction, maintenance or utility vehicle only)
    55 = Other not in–transport motor vehicle

Collision with Object Not Fixed
    08 = Pedestrian
    09 = Pedalcycle
    10 = Railway train
    11 = Live animal

15 = Nonmotorist on personal conveyance

18 = Other object (not fixed)

49 = Ridden animal or animal–drawn conveyance

Collision with Fixed Object

17 = Boulder

19 = Building

20 = Impact attenuator/crash cushion

21 = Bridge pier or abutment

22 = Bridge parapet end

23 = Bridge rail

24 = Guardrail face

25 = Concrete traffic barrier

26 = Other traffic barrier

27 = Highway/traffic sign post/sign

28 = Overhead sign support/sign

29 = Luminaire/light support

30 = Utility pole

31 = Other post, other pole or other supports

32 = Culvert

33 = Curb

34 = Ditch

35 = Embankment – earth

36 = Embankment – rock, stone or concrete

37 = Embankment – material type unknown

38 = Fence

39 = Wall

40 = Fire hydrant

41 = Shrubbery

42 = Tree (standing tree only)

43 = Other fixed object

46 = Traffic signal support/signal

48 = Snow bank

50 = Bridge overhead structure

52 = Guardrail end

53 = Mail box

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

NUMBER OF DEATHS IN VEHICLE

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

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

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

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

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

Variable	Name	Format	Type	Length
v153	VIN TRUCK SERIES		Char	3

Variable	Name	Format	Type	Length
v155	LENGTH OF VIN		Numeric	3

N	Prcnt	Code	Label
1	0.0	6	
		-	Actual length
4,314	99.1	17	

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

NUMBER UNINJURED IN VEHICLE

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

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

NUMBER C-INJURED IN VEHICLE

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

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

NUMBER B-INJURED IN VEHICLE

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

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

NUMBER A-INJURED IN VEHICLE

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

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

NUMBER K-INJURED IN VEHICLE

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

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

NUMBER UNKNOWN INJURED IN VEHICLE

N	Prcnt	Code	Label
4,342	99.8	0	0 unknown injured
10	0.2	1	1 unknown injured

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

RELATED FACTORS AT VEHICLE LEVEL RESPONSE #1

N	Prcnt	Code	Label
4,144	95.2	0	None
			Vehicle condition(s) noted:
32	0.7	1	Tires
48	1.1	2	Brake system
1	0.0	3	Steering system – includes tie rod, kingpin, ball joint, etc.
4	0.1	4	Suspension – includes springs, shock absorbers, struts, etc.
1	0.0	5	Power train – includes universal joint, drive shaft, etc.
1	0.0	6	Exhaust system
0	0.0	7	Headlights
0	0.0	8	Signal lights
6	0.1	9	Other lights
0	0.0	10	Horn
0	0.0	11	Mirrors
0	0.0	12	Wipers
0	0.0	13	Driver seating and control
0	0.0	14	Body, doors, hood, other
1	0.0	15	Trailer hitch
4	0.1	16	Wheels
0	0.0	17	Air bag
6	0.1	18	Other vehicle defects
0	0.0	19	Safety belts
			Special vehicle flags:
43	1.0	31	Hit-and-run vehicle

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

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

RELATED FACTORS AT VEHICLE LEVEL RESPONSE #2

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

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

N	Prcnt	Code	Label
4,248	97.6	0	No underride or override

Underriding a motor vehicle in-transport

N	Prcnt	Code	Label
5	0.1	1	Underride, compartment intrusion
3	0.1	2	Underride, no compartment intrusion
2	0.0	3	Underride, compartment intrusion unknown
87	2.0	7	Overriding a motor vehicle in-transport
4	0.1	8	Overriding a motor vehicle not in-transport
3	0.1	9	Unknown if underride or override

Variable	Name		Format	Type	Length
v170	MOTOR CARRIER ID			Char	11

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

Identification Number (columns 3-11)

0	Not applicable
888888888	None
999999999	Unknown

Variable	Name		Format	Type	Length
v171	BUS USE		FBUSUSE	Numeric	3

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

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

Variable	Name	Format	Type	Length
v172	GVWR	FGVWR	Numeric	3

GROSS VEHICLE WEIGHT RATING

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

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

EVENT #1 RELATED TO THIS MOTOR VEHICLE

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

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

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

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

EVENT #2 RELATED TO THIS MOTOR VEHICLE

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

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

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

EVENT #3 RELATED TO THIS MOTOR VEHICLE

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

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

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

EVENT #4 RELATED TO THIS MOTOR VEHICLE

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

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

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

EVENT #5 RELATED TO THIS MOTOR VEHICLE

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

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

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

EVENT #6 RELATED TO THIS MOTOR VEHICLE

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

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

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

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

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

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

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

N	Prcnt	Code	Label
4,210	96.7	1	No
142	3.3	2	Yes

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

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

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

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

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

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

Variable	Name	Format	Type	Length
v185	MCID IDENTIFICATION NUMBER		Char	9

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

The DRIVER Variables

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

Variable	Name	Format	Type	Length
v207	DRIVER PRESENCE	FDRIVER	Numeric	3

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

Variable	Name	Format	Type	Length
v208	DRIVER DRINKING	FDRIVEDR	Numeric	3

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

Variable	Name	Format	Type	Length
v209	LICENSE STATE	FSTATES	Numeric	3

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

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

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

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

NON-COMMERCIAL DRIVER LICENSE TYPE, REGARDLESS OF VEHICLE DRIVEN

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

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

NON-COMMERCIAL DRIVER LICENSE STATUS, REGARDLESS OF VEHICLE DRIVEN

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

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

LICENSE COMPLIANCE (FOR THIS CLASS VEHICLE)

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

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

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

COMMERCIAL MOTOR VEHICLE LICENSE STATUS

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

Variable	Name	Format	Type	Length
v213	LICENSE ENDORSEMENTS	FEND91F	Numeric	3

COMPLIANCE WITH LICENSE ENDORSEMENTS

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

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

COMPLIANCE WITH LICENSE RESTRICTIONS

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

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

NUMBER OF PREVIOUS ACCIDENTS

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

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

NUMBER OF PREVIOUS SUSPENSIONS/REVOCATIONS

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

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

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

NUMBER OF PREVIOUS DRIVING WHILE INTOXICATED CONVICTIONS

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

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

NUMBER OF PREVIOUS SPEEDING CONVICTIONS

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

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

NUMBER OF PREVIOUS OTHER HARMFUL MOVING VIOLATIONS CONVICTIONS

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

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

LAST ACCIDENT/SUSPENSION/CONVICTION – MONTH

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

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

LAST ACCIDENT/SUSPENSION/CONVICTION – YEAR

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

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

LAST ACCIDENT/SUSPENSION/CONVICTION – MONTH

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

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

FIRST ACCIDENT/SUSPENSION/CONVICTION – YEAR

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

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

FACTORS AT DRIVER LEVEL – RESPONSE #1

N	Prcnt	Code	Label
2,701	62.1	0	None
			Physical/mental condition
42	1.0	1	Drowsy, sleepy, asleep, fatigued
18	0.4	2	Ill, passed out/blackout
0	0.0	3	Emotional (e.g., depression, angry, disturbed)
0	0.0	4	Reaction to or failure to take drugs/medication
68	1.6	5	Under the influence of alcohol, drugs or medication
205	4.7	6	Careless/inattentive
0	0.0	7	Restricted to wheelchair
1	0.0	8	Aggressive driving/road rage
0	0.0	9	Impaired due to previous injury
0	0.0	11	Other physical impairment (includes paraplegic)
0	0.0	12	Mother of dead fetus
0	0.0	13	Mentally challenged
			Miscellaneous factors
0	0.0	15	Seat back not in normal upright position, seat back reclined
0	0.0	16	Police or law enforcement officer
1	0.0	18	Traveling on prohibited trafficways
0	0.0	19	Legally driving on suspended or revoked license

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

N	Prcnt	Code	Label
20	0.5	58	Overcorrecting
0	0.0	59	Getting off/out of or on/into vehicle

Vision obscured by:

N	Prcnt	Code	Label
24	0.6	61	Rain, snow, fog, smoke, sand, dust
3	0.1	62	Reflected glare, bright sunlight, headlights
4	0.1	63	Curve, hill, design features (including traffic signs, embankment)
1	0.0	64	Building, billboard, other structures
1	0.0	65	Trees, crops, vegetation
0	0.0	66	Motor vehicle (including load)
1	0.0	67	Parked vehicle
0	0.0	68	Splash or spray of passing vehicle
0	0.0	69	Inadequate defrost or defog system
1	0.0	70	Inadequate lighting system
1	0.0	71	Obstructing angles on vehicle
0	0.0	72	Mirrors
0	0.0	75	Broken or improperly cleaned windshield
3	0.1	76	Other visual obstruction

Skidding, swerving, sliding due to:

N	Prcnt	Code	Label
1	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
2	0.0	79	Slippery or loose surface
8	0.2	80	Tire blow-out or flat
3	0.1	81	Debris or objects in road
0	0.0	82	Ruts, holes, bumps in road
2	0.0	83	Live animals in road
14	0.3	84	Vehicle in road
3	0.1	85	Phantom vehicle
7	0.2	86	Pedestrian, pedalcyclist, or other nonmotorist
36	0.8	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
1	0.0	88	Trailer fishtailing or swaying

Special circumstances

N	Prcnt	Code	Label
0	0.0	73	Driver not complied with learner's permit/intermediate driver license restrictions
9	0.2	74	Driver not complied with physical/other imposed restrictions
5	0.1	89	Hauling hazardous material improperly

N	Prcnt	Code	Label
28	0.6	90	Hit and run vehicle, driver
8	0.2	91	Nontraffic violation charged – manslaughter, homicide, other
37	0.9	92	Other nonmoving traffic violations
			Possible distractions (inside vehicle)
61	1.4	93	Cellular phone present in vehicle
6	0.1	94	Cellular phone in use in vehicle
0	0.0	95	Computer/fax machines/printers
0	0.0	96	On-board navigation system
0	0.0	97	Two-way radio
0	0.0	98	Head-up display
44	1.0	99	Unknown

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

FACTORS AT DRIVER LEVEL – RESPONSE #2

N	Prcnt	Code	Label
3,634	83.5	0	None
			Physical/mental condition
24	0.6	1	Drowsy, sleepy, asleep, fatigued
5	0.1	2	Ill, passed out/blackout
20	0.5	5	Under the influence of alcohol, drugs or medication
53	1.2	6	Careless/inattentive
			Miscellaneous factors
4	0.1	20	Leaving vehicle unattended with engine running
4	0.1	21	Overloading/improper loading of vehicle with passengers or cargo
6	0.1	24	Operating without required equipment
15	0.3	26	Following improperly
9	0.2	27	Improper or erratic lane changing
148	3.4	28	Failure to keep in proper lane
1	0.0	29	Illegal driving on road shoulder, ditch, sidewalk, median
2	0.0	30	Making improper entry to or exit from trafficway
3	0.1	31	Starting or backing improperly

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

Vision obscured by:

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

Skidding, swerving, sliding due to:

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

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

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

FACTORS AT DRIVER LEVEL – REPONSE #3

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

N	Prcnt	Code	Label
2	0.0	41	Failure to observe warnings/instructions on vehicle displaying them
11	0.3	43	Driving too fast for conditions
12	0.3	44	Driving in excess of posted maximum
5	0.1	48	Making other improper turn
5	0.1	51	Driving on wrong side of road (intentional or unintentional)
1	0.0	52	Operator inexperience
3	0.1	53	Unfamiliar with roadway
1	0.0	55	Underriding a parked truck
1	0.0	57	Locked wheel
18	0.4	58	Overcorrecting

Vision obscured by:

N	Prcnt	Code	Label
11	0.3	61	Rain, snow, fog, smoke, sand, dust
1	0.0	63	Curve, hill, design features (including traffic signs, embankment)
1	0.0	65	Trees, crops, vegetation
1	0.0	80	Tire blow-out or flat
2	0.0	84	Vehicle in road
8	0.2	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road

Special circumstances

N	Prcnt	Code	Label
3	0.1	74	Driver not complied with physical/other imposed restrictions
1	0.0	89	Hauling hazardous material improperly
2	0.0	90	Hit and run vehicle, driver
6	0.1	91	Nontraffic violation charged – manslaughter, homicide, other
6	0.1	92	Other nonmoving traffic violations

Possible distractions (inside vehicle)

N	Prcnt	Code	Label
9	0.2	93	Cellular phone present in vehicle
4	0.1	94	Cellular phone in use in vehicle
44	1.0	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
4,262	97.9	0	None
			Physical/mental condition
2	0.0	1	Drowsy, sleepy, asleep, fatigued
1	0.0	2	Ill, passed out/blackout
3	0.1	5	Under the influence of alcohol, drugs or medication
3	0.1	6	Careless/inattentive
			Miscellaneous factors
1	0.0	26	Following improperly
9	0.2	28	Failure to keep in proper lane
1	0.0	33	Passing where prohibited by posted signs, school bus warning, etc.
1	0.0	38	Failure to yield right-of-way
1	0.0	39	Failure to obey traffic signs, control devices, officers, etc.
2	0.0	43	Driving too fast for conditions
3	0.1	44	Driving in excess of posted maximum
2	0.0	48	Making other improper turn
1	0.0	51	Driving on wrong side of road (intentional or unintentional)
1	0.0	57	Locked wheel
1	0.0	58	Overcorrecting
			Vision obscured by:
1	0.0	61	Rain, snow, fog, smoke, sand, dust
			Skidding, swerving, sliding due to:
4	0.1	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
			Special circumstances
1	0.0	74	Driver not complied with physical/other imposed restrictions
1	0.0	89	Hauling hazardous material improperly
1	0.0	91	Nontraffic violation charged – manslaughter, homicide, other
4	0.1	92	Other nonmoving traffic violations

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

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

N	Prcnt	Code	Label
3,847	88.4	0	None
			Reckless/careless/hit-and-run type offenses
88	2.0	1	Manslaughter or homicide
5	0.1	2	Willful reckless driving; driving to endanger; negligent driving
10	0.2	3	Unsafe reckless (not willful, wanton reckless) driving
45	1.0	4	Inattentive, careless, improper driving
0	0.0	5	Fleeing or eluding police
0	0.0	6	Fail to obey police, fireman, authorized person directing traffic
6	0.1	7	Hit-and-run, fail to stop after accident
1	0.0	8	Fail to give aid, information, wait for police after accident
4	0.1	9	Serious violation resulting in death
			Impairment offenses
10	0.2	11	Driving while intoxicated (alcohol or drugs) or blood alcohol limit above limit (any detectable blood alcohol limit for commercial drivers)
4	0.1	12	Driving while impaired
0	0.0	13	Driving under influence of substance not intended to intoxicate
0	0.0	14	Drinking while operating
2	0.0	15	Illegal possession of alcohol or drugs
1	0.0	16	Driving with detectable alcohol
0	0.0	18	Refusal to submit to chemical test
2	0.0	19	Alcohol, drug, or impairment violations generally
			Speed-related offenses
0	0.0	21	Racing
10	0.2	22	Speeding (above the speed limit)

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

Rules of the road – traffic signs and signals

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

Rules of the road – turning, yielding, signaling

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

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

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

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

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

N	Prcnt	Code	Label
4,149	95.3	0	None

Reckless/careless/hit-and-run type offenses

N	Prcnt	Code	Label
5	0.1	1	Manslaughter or homicide
4	0.1	2	Willful reckless driving; driving to endanger; negligent driving
5	0.1	3	Unsafe reckless (not willful, wanton reckless) driving
4	0.1	4	Inattentive, careless, improper driving
3	0.1	7	Hit-and-run, fail to stop after accident
2	0.0	8	Fail to give aid, information, wait for police after accident

Impairment offenses

N	Prcnt	Code	Label
8	0.2	11	Driving while intoxicated (alcohol or drugs) or blood alcohol limit above limit (any detectable blood alcohol limit for commercial drivers)
1	0.0	12	Driving while impaired
1	0.0	13	Driving under influence of substance not intended to intoxicate

Speed-related offenses

N	Prcnt	Code	Label
2	0.0	22	Speeding (above the speed limit)
4	0.1	23	Speed greater than reasonable and prudent (not necessarily over the limit)
1	0.0	24	Exceed special speed limit (e.g.: for trucks, buses, cycles, or on bridge, in school zone, etc.)
1	0.0	29	Speed related violations, generally

Rules of the road – traffic signs and signals

N	Prcnt	Code	Label
1	0.0	35	Fail to obey signal generally
2	0.0	37	Fail to obey stop sign
1	0.0	39	Fail to obey traffic control device

Rules of the road – turning, yielding, signaling

N	Prcnt	Code	Label
2	0.0	42	Improper method and position of turn (too wide, wrong lane)
1	0.0	45	Fail to yield to emergency vehicle
7	0.2	46	Fail to yield, generally
2	0.0	49	Turn, yield, signaling violations, generally

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

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

N	Prcnt	Code	Label
4,217	96.9	0	None
			Reckless/careless/hit-and-run type offenses
1	0.0	3	Unsafe reckless (not willful, wanton reckless) driving
1	0.0	6	Fail to obey police, fireman, authorized person directing traffic
2	0.0	7	Hit-and-run, fail to stop after accident

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

N	Prcnt	Code	Label
106	2.4	99	Unknown violation

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

N	Prcnt	Code	Label
1	0.0	36	
		-	Actual inches
1	0.0	83	
214	4.9	99	Unknown

Variable	Name			Format	Type	Length
v236	DRIVER WEIGHT				Numeric	3

N	Prcnt	Code	Label
2	0.0	105	
		-	Actual weight in pounds
1	0.0	450	
1,095	25.2	999	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
48	1.1	0	Not a motor vehicle occupant
4,304	98.9	1	Occupant #1

Variable	Name	Format	Type	Length
v308	OCCUPANT AGE	FOCCAGE	Numeric	3

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

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

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

Variable	Name	Format	Type	Length
v309	OCCUPANT SEX	FSEXX	Numeric	3

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

Variable	Name	Format	Type	Length
v310	OCCUPANT TYPE	FPTYP94F	Numeric	3

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

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

OCCUPANT SEATING POSITION

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

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

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

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

AIR BAG AVAILABILITY – DEPLOYMENT

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

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

Variable	Name		Format	Type	Length
v314	OCCUPANT EJECTION		FEJEC07F	Numeric	3

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

Variable	Name		Format	Type	Length
v315	EJECTION PATH		FEPATH	Numeric	3

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

Variable	Name	Format	Type	Length
v316	OCCUPANT EXTRICATION	FEXTR	Numeric	3

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

Variable	Name	Format	Type	Length
v321	DRUG INVOLVEMENT	FDRUGS	Numeric	3

POLICE REPORTED OTHER DRUG INVOLVEMENT

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

Variable	Name	Format	Type	Length
v322	DRUG DETERMINATION	FDRUGDET	Numeric	3

METHOD OF OTHER DRUG DETERMINATION (BY POLICE)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TRANSPORTED FOR TREATMENT BY

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

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

OCCUPANT DEATH DATE – MONTH

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

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

OCCUPANT DEATH DATE – DAY

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

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

OCCUPANT DEATH DATE – YEAR

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

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

OCCUPANT DEATH TIME – HOURS

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

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

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

OCCUPANT DEATH TIME – MINUTES

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

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

LAG TIME BETWEEN ACCIDENT AND DEATH – HOURS

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

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

OCCUPANT FATAL INJURY AT WORK

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

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

OCCUPANT ALCOHOL INVOLVEMENT

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

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

METHOD OF ALCOHOL DETERMINATION (POLICE)

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

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

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

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

OCCUPANT ALCOHOL TEST RESULT

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

Variable	Name	Format	Type	Length
v361	RACE	FRACE	Numeric	3

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

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

Variable	Name	Format	Type	Length
v362	HISPANIC ORIGIN	FHISPAN	Numeric	3

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

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

OCCUPANT DEAD ON ARRIVAL

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

The SURVEY Variables

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

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

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

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

N	Prcnt	Code	Label
1	0.0	1966	1966
1	0.0	1968	1968
2	0.0	1970	1970
2	0.0	1971	1971
1	0.0	1972	1972
2	0.0	1973	1973

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

Variable	Name	Format	Type	Length
v1003	CAB STYLE	V1003_F	Numeric	4

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

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

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

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

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

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

STRAIGHT TRUCK BODY STYLE

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

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

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

STRAIGHT TRUCK OTHER BODY STYLE

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

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

NUMBER OF POWER UNIT AXLES

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

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

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

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

FIRST TRAILER TYPE

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

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

NUMBER OF FIRST TRAILER AXLES

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

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

FIRST TRAILER BODY STYLE

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

N	Prcnt	Code	Label
82	1.9	95	Other
26	0.6	99	Unknown

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

FIRST TRAILER OTHER BODY STYLE

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

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

FIRST TRAILER CARGO TYPE

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

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

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

SECOND TRAILER TYPE

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

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

NUMBER OF SECOND TRAILER AXLES

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

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

SECOND TRAILER BODY STYLE

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

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

SECOND TRAILER OTHER BODY STYLE

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

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

SECOND TRAILER CARGO TYPE

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

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

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

THIRD TRAILER TYPE

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

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

NUMBER OF THIRD TRAILER AXLES

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

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

THIRD TRAILER BODY STYLE

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

N	Prcnt	Code	Label
1	0.0	95	Other

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

THIRD TRAILER OTHER BODY STYLE

N	Prcnt	Code	Label
4,351	100.0		Unknown or not applicable
1	0.0	DOLLY	

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

THIRD TRAILER CARGO TYPE

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

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

VEHICLE CONFIGURATION BY UNIT

N	Prcnt	Code	Label
60	1.4		Unknown or unspecified
1,315	30.2	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
1,315	30.2	1	Straight truck only
38	0.9	2	Straight truck and full trailer
104	2.4	3	Straight truck and other (non-full trailer)
50	1.1	4	Straight truck and other trailer with gooseneck hitch
1	0.0	5	Straight truck and A-dolly and semitrailer
6	0.1	6	Straight truck wrecker with towed unit
1	0.0	9	Straight truck, unknown if pulling trailer
			Straight truck, 2 cargo-carrying trailers
0	0.0	10	Straight truck and full trailer and other trailer
0	0.0	11	Straight truck and other trailer and other trailer
0	0.0	12	Straight truck and 2 full trailers
0	0.0	13	Straight truck, other trailer with gooseneck hitch, A-dolly, other trailer
0	0.0	14	Straight truck, other trailer with gooseneck hitch, other trailer
			Tractor, no cargo-carrying trailers
68	1.6	20	Bobtail tractor
11	0.3	21	Tractor carrying cargo
0	0.0	22	Tractor and A-dolly
			Tractor, 1 cargo-carrying trailer
2,547	58.5	30	Tractor and semitrailer
8	0.2	31	Tractor and other (non-semitrailer)
0	0.0	32	Tractor and semitrailer and A-dolly
0	0.0	33	Tractor and full trailer
0	0.0	34	Tractor and gooseneck and other
			Tractor, 2 cargo-carrying trailers
89	2.0	40	Tractor and semitrailer and A-dolly and semitrailer
2	0.0	41	Tractor and semitrailer and B-dolly and semitrailer
0	0.0	42	Tractor and semitrailer and C-dolly and semitrailer
4	0.1	43	Tractor and semitrailer with unknown dolly and semitrailer
38	0.9	44	Tractor and semitrailer and full trailer

N	Prcnt	Code	Label
0	0.0	45	Tractor and full trailer and full trailer
0	0.0	46	Tractor and semitrailer and other trailer
0	0.0	47	Tractor and ballhitch and 2 other trailers
0	0.0	48	Tractor and semitrailer and A-dolly and unknown trailer
3	0.1	49	Tractor and semitrailer and unknown trailer

Tractor, 3 cargo-carrying trailers

N	Prcnt	Code	Label
1	0.0	50	Tractor and 3 trailers (A-dollies)
0	0.0	51	Tractor, semitrailer, A-dolly, semitrailer, full trailer
0	0.0	52	Tractor, semitrailer, two full trailers
0	0.0	60	Tractor and jeep and semitrailer and jeep

Combinations for oversize/overweight loads

N	Prcnt	Code	Label
1	0.0	61	Tractor and semitrailer and jeep
0	0.0	62	Tractor and jeep and semitrailer
0	0.0	63	Tractor and jeep and full trailer and jeep
1	0.0	64	Tractor and jeep and semitrailer and other

Unusual tractor combinations

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*
2	0.0	73	Tractor with one saddlemount tractor
0	0.0	74	Tractor with two saddlemount tractors
1	0.0	75	Tractor with three saddlemount tractors
0	0.0	78	Tractor with saddlemount tractor and P van

Unusual straight truck combinations

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
1	0.0	86	Wrecker and tow and tow and tow

N	Prcnt	Code	Label
60	1.4	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
1,399	32.1	0	No trailer
2,752	63.2	1	1 trailer
134	3.1	2	2 trailers
2	0.0	3	3 trailers
65	1.5	9	Unknown

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

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

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

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

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

ACTUAL CARGO CARRIED

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

Variable	Name	Format	Type	Length
v1056	CARGO SPILLAGE	V1056_F	Numeric	4

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

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

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

Variable	Name	Format	Type	Length
v1058	OPERATING AUTHORITY	V1058_F	Numeric	4

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

N	Prcnt	Code	Label
27	0.6	7	Daily rental
231	5.3	9	Unknown

Variable	Name		Format	Type	Length
v1059	ACCIDENT TYPE		V1059_F	Numeric	4

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

Variable	Name		Format	Type	Length
v1061	TRIP TYPE		V1061_F	Numeric	4

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

Variable	Name		Format	Type	Length
v1062	HOURS DRIVING		V1062_F	Numeric	4

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

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

Variable	Name		Format	Type	Length
v1063	INTERVIEW CONDUCTED		V1063_F	Numeric	4

N	Prcnt	Code	Label
3,946	90.7	1	Yes
406	9.3	2	No

Variable	Name		Format	Type	Length
v1064	POLICE REPORT		V1064_F	Numeric	4

N	Prcnt	Code	Label
4,126	94.8	1	Yes
226	5.2	2	No

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

N	Prcnt	Code	Label
288	6.6	1	Yes
4,064	93.4	2	No

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

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

FIRST QUESTION DERIVED

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

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

SECOND QUESTION DERIVED

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

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

THIRD QUESTION DERIVED

N	Prcnt	Code	Label
4,352	100.0	0	None

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

FOURTH QUESTION DERIVED

N	Prcnt	Code	Label
4,352	100.0	0	None

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

FIFTH QUESTION DERIVED

N	Prcnt	Code	Label
4,352	100.0	0	None

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

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

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

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

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

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

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

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

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

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

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

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

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

Variable	Name		Format	Type	Length
v1104	ROLLOVER WARNING		V1101_8F	Numeric	4

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

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

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

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

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

Variable	Name		Format	Type	Length
v1107	TRAILER TRACKING		V1101_8F	Numeric	4

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

Variable	Name		Format	Type	Length
v1108	SPEED LIMITER		V1101_8F	Numeric	4

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

Variable	Name		Format	Type	Length
v1111	DRIVER COMPENSATION		V1111_F	Numeric	4

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

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

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

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

SURVEY Variables for Vehicles Not In-Transport

v1007	POWER UNIT TYPE	V1007_F	Numeric	4

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

v1017	1ST TRAILER TYPE	V1017_F	Numeric	4

FIRST TRAILER TYPE

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

v1027	2ND TRAILER TYPE	V1027_F	Numeric	4

SECOND TRAILER TYPE

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

v1037	3RD TRAILER TYPE	V1037_F	Numeric	4

THIRD TRAILER TYPE

N	Prcnt	Code	Label
0	0.0	1	Semitrailer
0	0.0	2	Full trailer
0	0.0	3	Other

N	Prcnt	Code	Label
202	97.1	4	None
6	2.9	9	Unknown

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v1047	VEHICLE CONFIGURATION		$CHAR10	Char	10

VEHICLE CONFIGURATION BY UNIT

N	Prcnt	Code	Label
105	50.5	R	
		-	Unit descriptor code
1	0.5	TSU	

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v1048	VEHICLE COMBINATION CODE		V1048_F	Numeric	4

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

N	Prcnt	Code	Label
			Tractor, 1 cargo-carrying trailer
85	40.9	30	Tractor and semitrailer
0	0.0	31	Tractor and other (non-semitrailer)
0	0.0	32	Tractor and semitrailer and A-dolly
0	0.0	33	Tractor and full trailer
0	0.0	34	Tractor and gooseneck and other
			Tractor, 2 cargo-carrying trailers
1	0.5	40	Tractor and semitrailer and A-dolly and semitrailer
0	0.0	41	Tractor and semitrailer and B-dolly and semitrailer
0	0.0	42	Tractor and semitrailer and C-dolly and semitrailer
0	0.0	43	Tractor and semitrailer with unknown dolly and semitrailer
0	0.0	44	Tractor and semitrailer and full trailer
0	0.0	45	Tractor and full trailer and full trailer
0	0.0	46	Tractor and semitrailer and other trailer
0	0.0	47	Tractor and ballhitch and 2 other trailers
0	0.0	48	Tractor and semitrailer and A-dolly and unknown trailer
1	0.5	49	Tractor and semitrailer and unknown trailer
			Tractor, 3 cargo-carrying trailers
0	0.0	50	Tractor and 3 trailers (A-dollies)
0	0.0	51	Tractor, semitrailer, A-dolly, semitrailer, full trailer
0	0.0	52	Tractor, semitrailer, two full trailers
			Combination for oversize/overweight loads
0	0.0	60	Tractor and jeep and semitrailer and jeep
0	0.0	61	Tractor and semitrailer and jeep
0	0.0	62	Tractor and jeep and semitrailer
0	0.0	63	Tractor and jeep and full trailer and jeep
0	0.0	64	Tractor and jeep and semitrailer and other
			Unusual tractor combinations
0	0.0	70	Tractor towing tractor *
0	0.0	71	Tractor towing straight truck *
0	0.0	72	Tractor towing tractor-semitrailer*
0	0.0	73	Tractor with one saddlemount tractor
0	0.0	74	Tractor with two saddlemount tractors
0	0.0	75	Tractor with three saddlemount tractors
0	0.0	78	Tractor with saddlemount tractor and P van
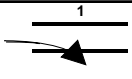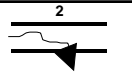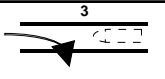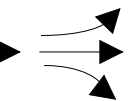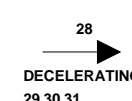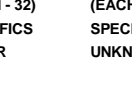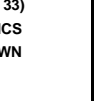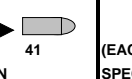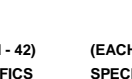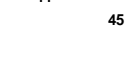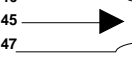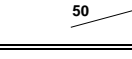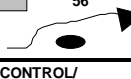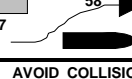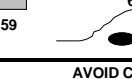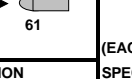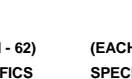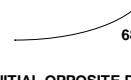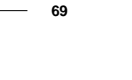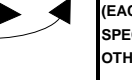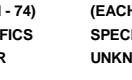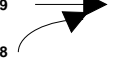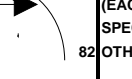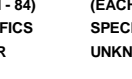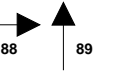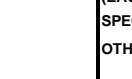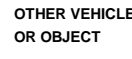
N	Prcnt	Code	Label
			Unusual straight truck combinations
0	0.0	80	Straight truck towing straight truck *
0	0.0	81	Straight truck pulling tractor-semitrailer
0	0.0	82	Wrecker and doubles
0	0.0	83	Wrecker towing straight and full trailer
0	0.0	84	Straight with two saddlemount straight trucks
0	0.0	85	Wrecker towing other trailer
0	0.0	86	Wrecker and tow and tow and tow
3	1.4	99	Unknown

*Towed units with all wheels on the ground.

APPENDIX

ACCIDENT TYPES (INCLUDES INTENT)

CATEGORY	CONFIGURATION					
		1 DRIVE OFF ROAD	**2** CONTROL/ TRACTION LOSS	**3** AVOID COLLISION W/ VEHICLE, PEDESTRIAN, ANIMAL	**4** SPECIFICS OTHER	**5** SPECIFICS UNKNOWN
I SINGLE DRIVER	**A. RIGHT ROADSIDE DEPARTURE**					
	B. LEFT ROADSIDE DEPARTURE	**6** DRIVE OFF ROAD	**7** CONTROL/ TRACTION LOSS	**8** AVOID COLLISION W/VEHICLE, PEDESTRIAN, ANIMAL	**9** SPECIFICS OTHER	**10** SPECIFICS UNKNOWN
	C. FORWARD IMPACT	**11** PARKED VEHICLE	**12** STATIONARY OBJECT / **13** PEDESTRIAN ANIMAL	**14** END DEPARTURE	**15** SPECIFICS OTHER	**16** SPECIFICS UNKNOWN
II SAME TRAFFICWAY SAME DIRECTION	**D. REAR-END**	**20** **22** **21** STOPPED 21,22,23 **23**	**24** **26** **25** SLOWER 25,26,27 **27**	**28** **30** **29** DECELERATING 29,30,31 **31**	**(EACH - 32)** SPECIFICS OTHER	**(EACH - 33)** SPECIFICS UNKNOWN
	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	**77** **76** TURN INTO SAME DIRECTION	**79** **78**	**81** **80** **83** **82** 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 _____ / _____ / **2008**

                      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

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

14. Enter the 4-digit number from Placard

_ _ _ _
121 122 123 124

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

_
125

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 only	[ ] 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 only	[ ] 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 One-Way Trip Distance

Local < 51 miles [ ] 1

Over-the-Road

51 to 100 miles	[ ] 2
101 to 150 miles	[ ] 3
151 to 200 miles	[ ] 4
201 to 500 miles	[ ] 5
Greater than 500 miles	[ ] 6
Unknown over-the-road trip distance	[ ] 7

137

20. How was the driver compensated for this trip?

Percent of gross trip revenue	[ ] 1
By hour	[ ] 2
By mile	[ ] 3
By hour & mile	[ ] 4
By load	[ ] 5
Other _____	[ ] 6
(Specify)	

138

(editor)

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

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

Page 5