

TRUCKS INVOLVED IN FATAL ACCIDENTS FACTBOOK 2000



Center for National Truck Statistics
University of Michigan Transportation Research Institute
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16. Abstract This document presents aggregate statistics on trucks involved in traffic accidents in 2000. The statistics are derived from the Trucks Involved in Fatal Accidents (TIFA) file, compiled by the University of Michigan Transportation Research Institute. 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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SI* (MODERN METRIC) CONVERSION FACTORS

APPROXIMATE CONVERSIONS TO SI UNITS					APPROXIMATE CONVERSIONS FROM SI UNITS				
Symbol	When You Know	Multiply By	To Find	Symbol	Symbol	When You Know	Multiply By	To Find	Symbol
LENGTH					LENGTH				
	inches	25.4	millimeters	mm	mm	millimeters	0.039	inches	in
in					m	meters	3.28	feet	ft
ft	feet	0.305	meters	m	m	meters	1.09	yards	yd
yd	yards	0.914	meters	m	km	kilometers	0.621	miles	mi
mi	miles	1.61	kilometers	km					
AREA					AREA				
in ²	square inches	645.2	square millimeters	mm ²	mm ²	square millimeters	0.0016	square inches	in ²
ft ²	square feet	0.093	square meters	m ²	m ²	square meters	10.764	square feet	ft ²
yd ²	square yards	0.836	square meters	m ²	ha	hectares	2.47	acres	ac
ac	acres	0.405	hectares	ha	km ²	square kilometers	0.386	square miles	mi ²
mi ²	square miles	2.59	square kilometers	km ²					
VOLUME					VOLUME				
fl oz	fluid ounces	29.57	milliliters	mL	mL	milliliters	0.034	fluid ounces	fl oz
gal	gallons	3.785	liters	L	L	liters	0.264	gallons	gal
ft ³	cubic feet	0.028	cubic meters	m ³	m ³	cubic meters	35.71	cubic feet	ft ³
yd ³	cubic yards	0.765	cubic meters	m ³	m ³	cubic meters	1.307	cubic yards	yd ³
NOTE: Volumes greater than 1000 L shall be shown in m ³ .									
MASS					MASS				
oz	ounces	28.35	grams	g	g	grams	0.035	ounces	oz
lb	pounds	0.454	kilograms	kg	kg	kilograms	2.202	pounds	lb
T	short tons (2000 lb)	0.907	megagrams (or "metric ton")	Mg (or "t")	Mg (or "t")	megagrams (or "metric ton")	1.103	short tons (2000 lb)	T
TEMPERATURE (exact)					TEMPERATURE (exact)				
°F	Fahrenheit temperature	5(F-32)/9 or (F-32)/1.8	Celcius temperature	°C	°C	Celcius temperature	1.8C + 32	Fahrenheit temperature	°F
ILLUMINATION					ILLUMINATION				
fc	foot-candles	10.76	lux	lx	lx	lux	0.0929	foot-candles	fc
fl	foot-Lamberts	3.426	candela/m ²	cd/m ²	cd/m ²	candela/m ²	0.2919	foot-lamberts	fl
FORCE and PRESSURE or STRESS					FORCE and PRESSURE or STRESS				
lbf	poundforce	4.45	newtons	N	N	newtons	0.225	poundforce	lbf
lbf/in ²	poundforce per square inch	6.89	kilopascals	kPa	kPa	kilopascals	0.145	poundforce per square inch	lbf/in ²

* SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380.

(Revised September 1993)

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Introduction

This report, *Trucks Involved in Fatal Accidents Factbook, 2000*, provides descriptive statistics about medium and heavy trucks involved in fatal accidents. The data come from the Trucks Involved in Fatal Accidents (TIFA) survey program of the Center for National Truck Statistics (CNTS) at the University of Michigan Transportation Research Institute (UMTRI). All records in the TIFA file are for trucks with a Gross Vehicle Weight Rating (GVWR) over 10,000 pounds.

The TIFA file is produced annually from a survey of truck records extracted from the Fatality Analysis Reporting System (FARS) file, compiled by the National Center for Statistics and Analysis at the National Highway Traffic Safety Administration. Accident, vehicle, and driver records that appear to involve a medium or heavy truck are selected from the FARS file. Police reports for each accident represented are requested from the appropriate states. The 2000 TIFA file is a census file, meaning there is one record for each of the 5,275 medium and heavy trucks involved in a fatal accident that year.

Trained and experienced interviewers contact individuals knowledgeable about the truck, including drivers, safety officers, police officers, emergency personnel, and witnesses. The interviewers verify that the vehicle is a truck and then collect information about the truck, truck driver, and the motor carrier that operated the truck. The interview produces a detailed description of the physical configuration of the truck, the operating authority of the truck, and the trip the truck was on at the time of the accident. Editors review each case to ensure accuracy and consistency.

The TIFA file combines the detailed physical description of the vehicle from the TIFA survey with matching accident, driver, and vehicle data from the FARS file. Almost all variables in FARS describing the accident, vehicle, and driver are included in the TIFA file. No FARS data is altered or corrected. The TIFA variables supplement the FARS data with extensive detail on the truck, including cab style; weights, lengths, and axle counts for each unit in the truck configuration; cargo body, cargo type, and cargo weight for each unit; truck operating authority; type of trip; hours driving; and the truck's role in the accident. The methodology, as well as a complete list of variables and data in the TIFA survey, is fully documented in *Trucks Involved in Fatal Accidents Codebook, 2000*.

Report overview

This report consists of seven sections. The "Trends" section provides data on fatalities and fatal accident involvements from 1996 through 2000. The "Accident conditions" section provides information about the accidents the trucks were involved in, including distributions of truck fatal involvements across states, and information about the weather, road type, and roadway condition at the time of the accident. The "Vehicle" section includes information about truck configuration, cargo body type and cargo carried, and the weights, lengths, and axle counts of

the trucks. The “Driver” section includes information about truck driver injury, licensing, previous driving record, age, sex, and other driver characteristics. The “Straight trucks” section focuses on the characteristics of straight trucks, providing more detail about truck configuration, accident environment, and the truck’s role in the accident. The “Tractors” section provides similar data on tractor combinations involved in fatal accidents. Finally, the “Longer combination vehicles” section summarizes data on longer combination trucks involved in a fatal accident.

Virtually all tables present counts of involvements; that is, counts of the trucks involved in a fatal accident by various factors and conditions of interest.

Trends, 1996-2000

This section contains tables displaying trends in truck involvements in fatal traffic accidents and in the number of persons killed in those accidents. The trends are presented by truck configuration, state, and person type. The truck configurations include straight trucks with no trailers, straight trucks pulling a single trailer, bobtails (tractors with no trailers), tractors with one semitrailer, tractors with two trailers (doubles), and all other truck configurations. The "other combinations" includes both straight truck and tractor configurations that do not fit into any of the previous categories.

- An average of about 5,000 trucks are involved in a fatal traffic accident each year.
- Tractors pulling one semitrailer are the most common truck configuration, accounting for about 60% of all trucks involved in a fatal accident.
- Texas, California, and Florida had the greatest number of truck involvements over the period 1996 to 2000.
- The number of persons killed in accidents involving a truck decreased to 5,567 in 2000, compared with an average of 5,647 from 1997-1999.
- The number of truck drivers killed in traffic accidents increased from 658 in 1998 to 713 in 2000.
- About 360 pedestrians and 70 bicyclists are killed each year in traffic accidents involving trucks.

The following abbreviations are used in this section:

Abbreviation	Definition
Strt	Straight truck
Trac	Tractor
Trlrs	Trailers
Combs/Oth combs	Combinations/other combinations
Semi	Semitrailer
Unk	Unknown
Occ	Occupant

Annual fatal involvements

Table 1-1
Fatal Truck Involvements by Year and Truck Configuration
TIFA 1996-2000

Accident year	Strt truck No.	Strt/1 trailer No.	Bobtail No.	Trac/1 semi No.	Trac/2 trls No.	Other combs No.	Unk. No.	Total No.
1996	1377	192	164	2943	178	54	99	5007
1997	1397	202	134	3020	216	39	122	5130
1998	1420	210	135	3094	164	47	128	5198
1999	1483	224	130	3159	151	36	50	5233
2000	1519	222	123	3164	162	38	47	5275
Total	7196	1050	686	15380	871	214	446	25843

**Table 1-2
Fatal Truck Involvements by Year and All Truck Configurations
TIFA 1996-2000**

Configuration	1996	1997	1998	1999	2000	Total
	No.	No.	No.	No.	No.	No.
Straight only	1377	1397	1420	1483	1519	7196
Straight + full trailer	48	41	61	54	47	251
Straight + other	117	142	109	126	127	621
Straight + other, gooseneck hitch	27	19	40	44	48	178
Wrecker + tow	15	11	14	10	11	61
Straight, unknown if trailer	0	0	0	0	2	2
Strt + other (gooseneck) + A dolly + other	1	0	0	0	0	1
Strt + other (gooseneck) + other	1	0	0	0	1	2
Bobtail tractor	148	129	127	110	110	624
Tractor carrying cargo	16	5	8	20	13	62
Tractor and semitrailer	2943	3020	3094	3159	3164	15380
Tractor + other	27	15	18	18	15	93
Tractor + semi + A dolly	0	1	1	0	2	4
Tractor + fulltrailer	0	0	0	1	1	2
Double with A dolly	113	135	86	87	86	507
Double, B train	0	5	4	1	7	17
Double with unknown dolly type	0	0	1	0	0	1
Tractor + semi + full	65	74	73	62	66	340
Tractor + semi + other	0	2	0	1	1	4
Tractor + semi + unknown	0	0	0	0	2	2
Triple with A dollies	3	3	1	2	2	11
Tractor + semi + A dolly + semi + full	0	1	0	0	0	1
Tractor + semi + 2 full trailers	0	1	0	0	0	1
Tractor + jeep + semi + jeep	2	2	1	0	2	7
Tractor + semi + jeep	0	0	0	1	0	1
Tractor + jeep + full + jeep	0	0	0	1	0	1
Tractor towing tractor	2	1	0	0	0	3
Tractor towing straight truck	1	2	0	0	0	3
Tractor + 1 saddlemount tractor	1	1	0	0	1	3
Tractor + 2 saddlemount tractors	1	1	1	0	0	3
Tractor + 3 saddlemount tractors	0	0	4	1	0	5
Tractor + saddlemount + cutaway chassis	0	0	2	0	0	2
Straight truck towing straight truck	0	0	4	0	0	4
Wrecker and doubles	0	0	1	0	0	1
Wrecker + straight + full	0	0	0	1	0	1
Straight + 2 saddlemount straights	0	0	0	1	0	1
Wrecker towing other trailer	0	0	0	0	1	1
Unknown	99	122	128	50	47	446
Total	5007	5130	5198	5233	5275	25843

Table 1-3: Fatal Truck Involvements by Year and State, TIFA 1996-2000

State	1996	1997	1998	1999	2000	Total
	No.	No.	No.	No.	No.	No.
Alabama	142	167	153	146	154	762
Alaska	8	9	2	7	4	30
Arizona	79	75	99	117	107	477
Arkansas	101	122	107	98	119	547
California	387	393	374	347	396	1897
Colorado	57	81	54	65	75	332
Connecticut	32	24	32	24	39	151
Delaware	16	17	23	10	21	87
Dist of Columbia	6	3	2	2	4	17
Florida	284	295	330	344	321	1574
Georgia	221	221	202	233	219	1096
Hawaii	12	3	3	3	2	23
Idaho	41	33	24	26	27	151
Illinois	155	177	185	204	171	892
Indiana	164	164	183	195	170	876
Iowa	88	76	84	102	87	437
Kansas	64	87	82	80	85	398
Kentucky	98	118	103	104	99	522
Louisiana	86	132	149	124	118	609
Maine	14	22	22	27	27	112
Maryland	71	92	73	65	67	368
Massachusetts	36	39	39	37	49	200
Michigan	170	133	155	144	152	754
Minnesota	67	91	86	90	78	412
Mississippi	97	110	114	118	122	561
Missouri	153	139	165	169	179	805
Montana	21	22	19	15	27	104
Nebraska	49	49	43	62	55	258
Nevada	45	24	36	44	37	186
New Hampshire	15	14	12	11	11	63
New Jersey	88	83	67	61	94	393
New Mexico	58	51	51	52	44	256
New York	157	158	135	156	162	768
North Carolina	189	210	244	204	178	1025
North Dakota	9	13	8	20	11	61
Ohio	215	207	202	214	199	1037
Oklahoma	97	103	115	97	116	528
Oregon	63	77	67	50	65	322
Pennsylvania	196	181	187	217	188	969
Rhode Island	7	3	2	9	2	23
South Carolina	110	95	133	144	96	578
South Dakota	20	16	13	19	22	90
Tennessee	167	137	135	173	172	784
Texas	440	429	462	434	499	2264
Utah	36	51	53	39	44	223
Vermont	10	15	12	8	8	53
Virginia	126	124	118	108	107	583
Washington	70	84	72	60	69	355
West Virginia	62	55	41	51	51	260
Wisconsin	98	81	94	77	106	456
Wyoming	10	25	32	27	20	114
Total	5007	5130	5198	5233	5275	25843

Table 1-4: Fatal Truck Involvements by Year and State – STRAIGHT TRUCKS ONLY, TIFA 1996-2000

State	1996	1997	1998	1999	2000	Total
	No.	No.	No.	No.	No.	No.
Alabama	37	38	45	29	41	190
Alaska	1	2	2	4	4	13
Arizona	20	22	27	27	35	131
Arkansas	16	19	17	27	35	114
California	115	139	136	118	154	662
Colorado	16	23	17	20	37	113
Connecticut	13	12	17	10	18	70
Delaware	2	5	10	3	9	29
Dist of Columbia	3	2	1	2	3	11
Florida	112	112	138	125	133	620
Georgia	68	73	69	87	63	360
Hawaii	6	1	3	3	1	14
Idaho	13	14	15	8	6	56
Illinois	40	61	44	54	50	249
Indiana	41	39	43	52	46	221
Iowa	22	24	26	16	24	112
Kansas	20	24	13	21	27	105
Kentucky	45	50	42	45	34	216
Louisiana	25	33	43	38	29	168
Maine	9	7	10	11	17	54
Maryland	24	31	30	35	27	147
Massachusetts	15	17	12	15	26	85
Michigan	66	37	57	55	53	268
Minnesota	19	22	28	26	26	121
Mississippi *	2	0	0	11	21	34
Missouri	48	46	44	57	50	245
Montana	10	3	7	5	8	33
Nebraska	15	12	10	15	15	67
Nevada	15	6	9	11	14	55
New Hampshire	3	7	1	5	4	20
New Jersey	37	35	30	24	50	176
New Mexico	11	10	14	9	7	51
New York	78	82	74	76	89	399
North Carolina	68	63	77	78	52	338
North Dakota	2	5	2	5	0	14
Ohio	61	61	62	76	70	330
Oklahoma	35	31	30	30	32	158
Oregon	20	22	25	7	21	95
Pennsylvania *	76	69	72	81	49	347
Rhode Island	5	3	2	8	1	19
South Carolina	37	24	30	30	24	145
South Dakota	4	3	4	11	8	30
Tennessee	42	47	38	52	41	220
Texas	128	109	128	172	143	680
Utah	14	14	18	8	12	66
Vermont	6	7	3	5	3	24
Virginia	47	49	41	28	43	208
Washington	26	39	32	27	27	151
West Virginia	17	21	14	22	17	91
Wisconsin	28	29	29	32	52	170
Wyoming	3	6	8	3	5	25
Total	1586	1610	1649	1719	1756	8320

Note: Table includes all truck combinations where the power unit was a straight truck.

* Mississippi did not provide police reports for certain years, and Pennsylvania did not supply reports for 2000, so in many cases truck data are unknown.

Table 1-5: Fatal Truck Involvements by Year and State – TRACTOR-SEMITRAILERS ONLY, TIFA 1996-2000

State	1996 No.	1997 No.	1998 No.	1999 No.	2000 No.	Total No.
Alabama	95	121	100	109	109	534
Alaska	4	5	0	3	0	12
Arizona	51	40	63	83	68	305
Arkansas	77	95	81	57	77	387
California	179	172	168	170	184	873
Colorado	35	50	31	40	36	192
Connecticut	14	11	15	13	19	72
Delaware	14	10	13	7	11	55
Dist of Columbia	3	1	1	0	0	5
Florida	162	170	177	197	178	884
Georgia	141	136	120	138	149	684
Hawaii	4	2	0	0	1	7
Idaho	23	14	5	15	16	73
Illinois	110	104	133	145	110	602
Indiana	108	112	129	133	114	596
Iowa	65	47	58	76	60	306
Kansas	43	57	67	57	55	279
Kentucky	50	63	54	55	64	286
Louisiana	53	92	100	81	81	407
Maine	5	15	11	15	10	56
Maryland	46	57	38	26	39	206
Massachusetts	20	22	25	21	21	109
Michigan	80	82	87	67	84	400
Minnesota	45	67	56	63	51	282
Mississippi *	8	0	0	67	89	164
Missouri	97	90	109	99	116	511
Montana	10	17	10	7	17	61
Nebraska	34	36	31	45	37	183
Nevada	23	11	22	27	16	99
New Hampshire	12	7	11	6	7	43
New Jersey	45	41	36	33	42	197
New Mexico	42	35	35	42	34	188
New York	73	71	57	78	71	350
North Carolina	114	129	156	115	122	636
North Dakota	7	7	6	15	9	44
Ohio	148	140	125	133	120	666
Oklahoma	57	67	80	64	80	348
Oregon	36	40	36	34	32	178
Pennsylvania *	107	103	104	127	96	537
Rhode Island	2	0	0	1	1	4
South Carolina	64	61	94	106	64	389
South Dakota	16	12	9	7	12	56
Tennessee	110	79	89	114	116	508
Texas	275	293	314	251	329	1462
Utah	15	31	23	26	24	119
Vermont	4	8	7	3	5	27
Virginia	71	71	74	73	59	348
Washington	34	32	25	20	31	142
West Virginia	38	33	27	28	33	159
Wisconsin	67	45	63	44	52	271
Wyoming	7	16	19	23	13	78
Total	2943	3020	3094	3159	3164	15380

* Mississippi did not provide police reports for certain years, and Pennsylvania did not supply reports for 2000, so in many cases truck data are unknown.

Table 1-6: Fatal Truck Involvements by Year and State – DOUBLES ONLY, TIFA 1996-2000

State	1996	1997	1998	1999	2000	Total
	No.	No.	No.	No.	No.	No.
Alabama	3	2	0	0	1	6
Alaska	3	2	0	0	0	5
Arizona	5	9	6	3	3	26
Arkansas	2	3	4	5	4	18
California	59	61	56	40	45	261
Colorado	3	5	4	1	0	13
Connecticut	1	0	0	0	1	2
Delaware	0	1	0	0	0	1
Dist of Columbia	0	0	0	0	0	0
Florida	1	3	2	3	4	13
Georgia	3	3	3	1	2	12
Hawaii	0	0	0	0	0	0
Idaho	3	3	4	2	5	17
Illinois	1	3	5	3	4	16
Indiana	6	7	5	7	5	30
Iowa	0	1	0	3	0	4
Kansas	0	5	2	0	3	10
Kentucky	1	3	1	1	0	6
Louisiana	5	0	1	1	1	8
Maine	0	0	1	0	0	1
Maryland	0	3	0	1	1	5
Massachusetts	0	0	0	1	0	1
Michigan	13	14	5	15	11	58
Minnesota	1	1	0	1	0	3
Mississippi *	0	0	0	2	2	4
Missouri	3	2	6	9	7	27
Montana	1	2	2	2	0	7
Nebraska	0	0	1	1	2	4
Nevada	6	6	2	5	2	21
New Hampshire	0	0	0	0	0	0
New Jersey	0	2	1	0	0	3
New Mexico	4	5	1	1	3	14
New York	1	1	3	0	0	5
North Carolina	3	5	0	4	3	15
North Dakota	0	1	0	0	2	3
Ohio	1	4	4	4	4	17
Oklahoma	3	4	1	0	1	9
Oregon	5	8	3	7	8	31
Pennsylvania *	8	5	4	3	3	23
Rhode Island	0	0	0	0	0	0
South Carolina	5	1	1	5	3	15
South Dakota	0	1	0	1	1	3
Tennessee	8	5	3	4	4	24
Texas	8	7	2	1	7	25
Utah	6	6	12	3	5	32
Vermont	0	0	0	0	0	0
Virginia	1	4	3	2	2	12
Washington	2	11	11	6	10	40
West Virginia	3	1	0	1	1	6
Wisconsin	0	3	0	1	0	4
Wyoming	0	3	5	1	2	11
Total	178	216	164	151	162	871

* Mississippi did not provide police reports for certain years, and Pennsylvania did not supply reports for 2000, so in many cases truck data are unknown.

Annual fatalities

Table 1-7
Fatalities in Truck Involvements by Year and Person Type
TIFA 1996-2000

Vehicle/Person type	1996		1997		1998		1999		2000	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Truck</i>										
Driver	569	10.5	668	11.9	658	11.7	698	12.3	713	12.8
Passenger	90	1.7	106	1.9	119	2.1	136	2.4	111	2.0
Unk occ type	2	0.0	1	0.0	2	0.0	2	0.0	4	0.1
Truck total	661	12.3	775	13.8	779	13.8	836	14.7	828	14.9
<i>Other vehicle</i>										
Drivers	3055	56.6	3069	54.7	3119	55.4	3169	55.6	3131	56.2
Passengers	1197	22.2	1290	23.0	1255	22.3	1216	21.3	1157	20.8
Unk occ type	5	0.1	3	0.1	10	0.2	6	0.1	9	0.2
Other vehicle total	4257	78.9	4362	77.7	4384	77.9	4391	77.1	4297	77.2
<i>Non-motorists</i>										
In parked vehicle	29	0.5	18	0.3	14	0.2	12	0.2	11	0.2
Pedestrian	378	7.0	375	6.7	386	6.9	371	6.5	358	6.4
Bicyclist	65	1.2	81	1.4	63	1.1	71	1.2	70	1.3
Other/unknown	5	0.1	4	0.1	3	0.1	15	0.3	3	0.1
Non-motorist total	477	8.8	478	8.5	466	8.3	469	8.2	442	7.9
Total	5395	100.0	5615	100.0	5629	100.0	5696	100.0	5567	100.0

Accident conditions

This section provides statistics that describe conditions at the scene of fatal traffic accidents involving trucks. Tables present various accident characteristics, including the geographic distribution of truck involvements, temporal and environmental conditions, as well as distributions of collision type and the truck's role in the accident. Though the tables focus on accident-level characteristics, all tables show counts of trucks involved in fatal accidents, rather than counts of accidents. Some fatal traffic accidents include more than one truck.

- June had the greatest number of fatal involvements with 509, while April had the fewest with 388.
- About two-thirds of fatal accident involvements occur in rural areas.
- About two-thirds of fatal accident involvements occur in daylight.
- 81.8% of fatal accident involvements occur on dry roads.
- 84.9% of fatal accident involvements occur in “normal” (i.e., no precipitation) weather conditions.
- 28.8% of fatal involvements occur on state highways, 26.3% on U.S. highways, and 25.4% on interstate highways.
- In 10.4% of fatal involvements, the other vehicle crossed the center line of the road and struck the truck head on.

The following abbreviations are used in this section:

Abbreviation	Definition
Strt	Straight truck
Trac	Tractor
Trlrs	Trailers
Combs/Oth combs	Combinations/Other combinations
Semi	Semitrailer
Veh	Vehicle
Equip	Equipment
Opp	Opposite

Geographic distributions

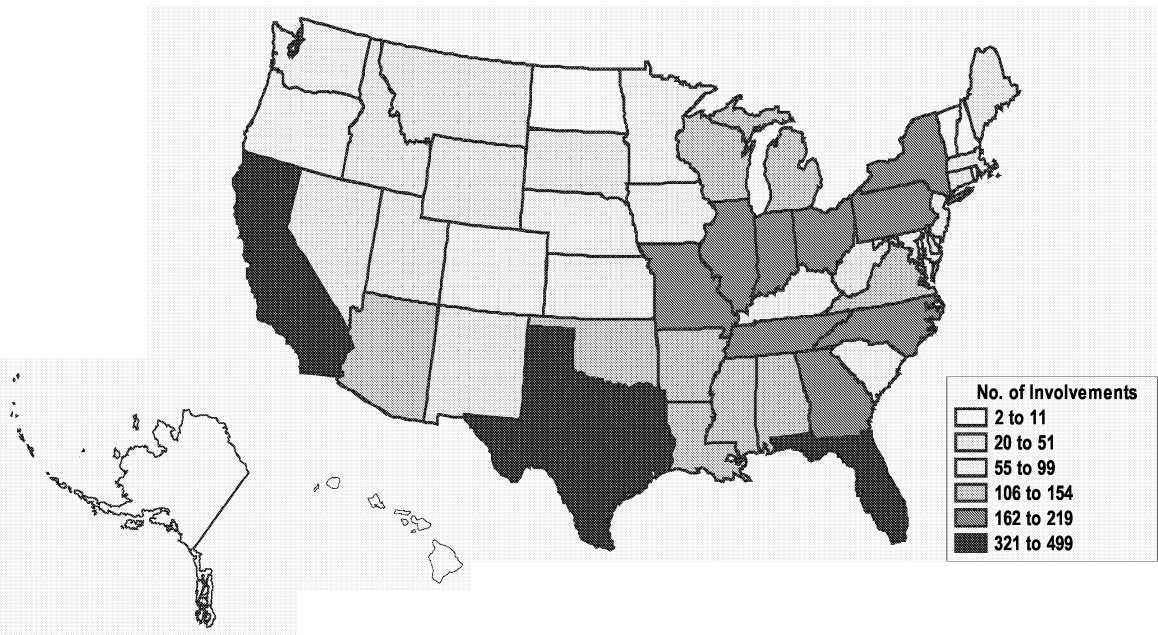


Figure 2-1: Fatal Truck Involvements by State, TIFA 2000

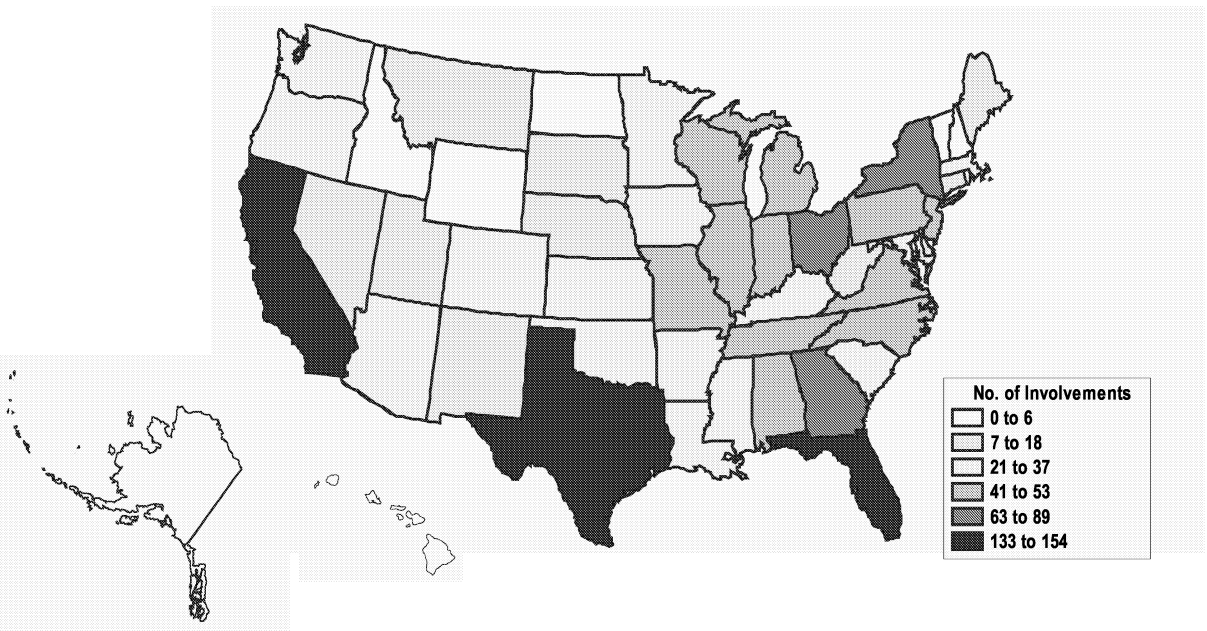


Figure 2-2: Fatal Truck Involvements by State – STRAIGHT TRUCKS ONLY, TIFA 2000

Note: Pennsylvania does not provide police reports, so most truck data are unknown.

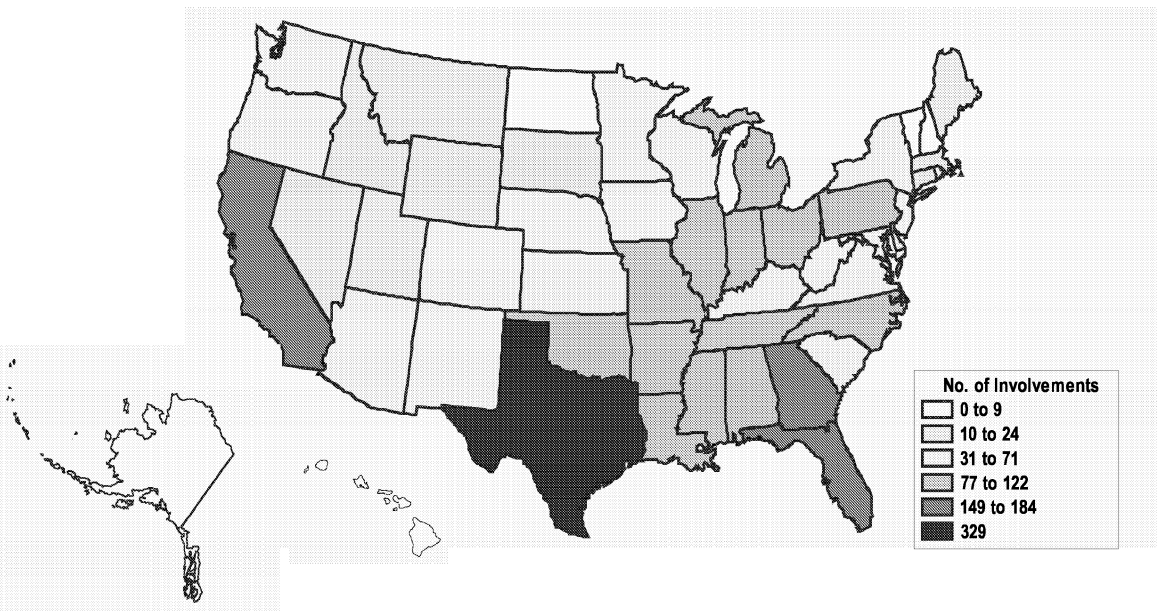


Figure 2-3: Fatal Truck Involvements by State – TRACTOR-SEMITRAILERS ONLY, TIFA 2000

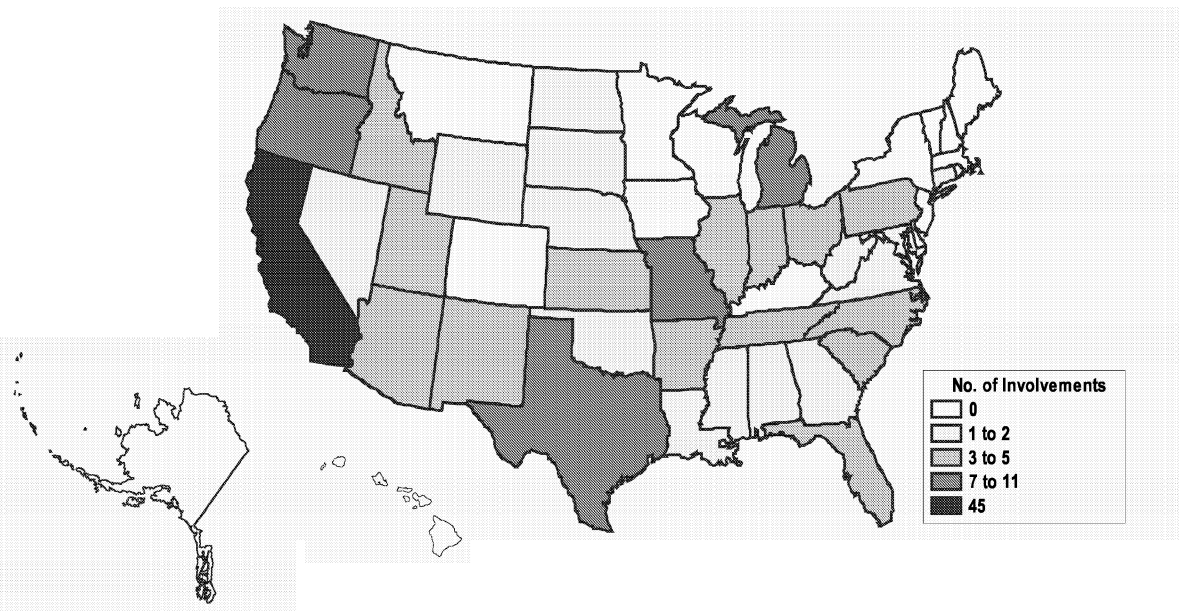


Figure 2-4: Fatal Truck Involvements by State – DOUBLES ONLY, TIFA 2000

Note: Pennsylvania does not provide police reports, so most truck data are unknown.

Table 2-1: Fatal Truck Involvements by State and Truck Configuration, TIFA 2000

State	Strt Truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Alabama	39	2.6	2	0.9	3	2.4	109	3.4	1	0.6	0	0.0	0	0.0	154	2.9
Alaska	4	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	0.1
Arizona	24	1.6	11	5.0	1	0.8	68	2.1	3	1.9	0	0.0	0	0.0	107	2.0
Arkansas	28	1.8	6	2.7	3	2.4	77	2.4	4	2.5	1	2.6	0	0.0	119	2.3
California	121	8.0	33	14.9	11	8.9	184	5.8	45	27.8	1	2.6	1	2.1	396	7.5
Colorado	29	1.9	8	3.6	1	0.8	36	1.1	0	0.0	1	2.6	0	0.0	75	1.4
Connecticut	18	1.2	0	0.0	1	0.8	19	0.6	1	0.6	0	0.0	0	0.0	39	0.7
Delaware	9	0.6	0	0.0	0	0.0	11	0.3	0	0.0	1	2.6	0	0.0	21	0.4
Dist of Columbia	3	0.2	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0	4	0.1
Florida	115	7.6	15	6.8	6	4.9	178	5.6	4	2.5	3	7.9	0	0.0	321	6.1
Georgia	56	3.7	6	2.7	5	4.1	149	4.7	2	1.2	1	2.6	0	0.0	219	4.2
Hawaii	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Idaho	3	0.2	3	1.4	0	0.0	16	0.5	5	3.1	0	0.0	0	0.0	27	0.5
Illinois	42	2.8	8	3.6	4	3.3	110	3.5	4	2.5	2	5.3	1	2.1	171	3.2
Indiana	44	2.9	2	0.9	5	4.1	114	3.6	5	3.1	0	0.0	0	0.0	170	3.2
Iowa	21	1.4	3	1.4	1	0.8	60	1.9	0	0.0	2	5.3	0	0.0	87	1.6
Kansas	20	1.3	7	3.2	0	0.0	55	1.7	3	1.9	0	0.0	0	0.0	85	1.6
Kentucky	30	2.0	4	1.8	1	0.8	64	2.0	0	0.0	0	0.0	0	0.0	99	1.9
Louisiana	24	1.6	5	2.3	6	4.9	81	2.6	1	0.6	1	2.6	0	0.0	118	2.2
Maine	16	1.1	1	0.5	0	0.0	10	0.3	0	0.0	0	0.0	0	0.0	27	0.5
Maryland	26	1.7	1	0.5	0	0.0	39	1.2	1	0.6	0	0.0	0	0.0	67	1.3
Massachusetts	25	1.6	1	0.5	2	1.6	21	0.7	0	0.0	0	0.0	0	0.0	49	0.9
Michigan	49	3.2	4	1.8	4	3.3	84	2.7	11	6.8	0	0.0	0	0.0	152	2.9
Minnesota	26	1.7	0	0.0	1	0.8	51	1.6	0	0.0	0	0.0	0	0.0	78	1.5
Mississippi	20	1.3	1	0.5	6	4.9	89	2.8	2	1.2	4	10.5	0	0.0	122	2.3
Missouri	39	2.6	10	4.5	5	4.1	116	3.7	7	4.3	2	5.3	0	0.0	179	3.4
Montana	5	0.3	3	1.4	2	1.6	17	0.5	0	0.0	0	0.0	0	0.0	27	0.5
Nebraska	13	0.9	2	0.9	1	0.8	37	1.2	2	1.2	0	0.0	0	0.0	55	1.0
Nevada	12	0.8	1	0.5	1	0.8	16	0.5	2	1.2	4	10.5	1	2.1	37	0.7
New Hampshire	4	0.3	0	0.0	0	0.0	7	0.2	0	0.0	0	0.0	0	0.0	11	0.2
New Jersey	47	3.1	3	1.4	2	1.6	42	1.3	0	0.0	0	0.0	0	0.0	94	1.8
New Mexico	6	0.4	1	0.5	0	0.0	34	1.1	3	1.9	0	0.0	0	0.0	44	0.8
New York	80	5.3	8	3.6	2	1.6	71	2.2	0	0.0	1	2.6	0	0.0	162	3.1
North Carolina	44	2.9	7	3.2	1	0.8	122	3.9	3	1.9	1	2.6	0	0.0	178	3.4
North Dakota	0	0.0	0	0.0	0	0.0	9	0.3	2	1.2	0	0.0	0	0.0	11	0.2
Ohio	67	4.4	3	1.4	3	2.4	120	3.8	4	2.5	1	2.6	1	2.1	199	3.8
Oklahoma	27	1.8	4	1.8	2	1.6	80	2.5	1	0.6	2	5.3	0	0.0	116	2.2
Oregon	14	0.9	7	3.2	4	3.3	32	1.0	8	4.9	0	0.0	0	0.0	65	1.2
Pennsylvania**	45	3.0	4	1.8	2	1.6	96	3.0	3	1.9	0	0.0	38	80.9	188	3.6
Rhode Island	0	0.0	1	0.5	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
South Carolina	22	1.4	2	0.9	5	4.1	64	2.0	3	1.9	0	0.0	0	0.0	96	1.8
South Dakota	8	0.5	0	0.0	1	0.8	12	0.4	1	0.6	0	0.0	0	0.0	22	0.4
Tennessee	37	2.4	3	1.4	10	8.1	116	3.7	4	2.5	2	5.3	0	0.0	172	3.3
Texas	118	7.8	24	10.8	14	11.4	329	10.4	7	4.3	5	13.2	2	4.3	499	9.5
Utah	11	0.7	1	0.5	0	0.0	24	0.8	5	3.1	0	0.0	3	6.4	44	0.8
Vermont	2	0.1	1	0.5	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0	8	0.2
Virginia	39	2.6	2	0.9	3	2.4	59	1.9	2	1.2	2	5.3	0	0.0	107	2.0
Washington	21	1.4	6	2.7	1	0.8	31	1.0	10	6.2	0	0.0	0	0.0	69	1.3
West Virginia	15	1.0	2	0.9	0	0.0	33	1.0	1	0.6	0	0.0	0	0.0	51	1.0
Wisconsin	45	3.0	6	2.7	2	1.6	52	1.6	0	0.0	1	2.6	0	0.0	106	2.0
Wyoming	5	0.3	0	0.0	0	0.0	13	0.4	2	1.2	0	0.0	0	0.0	20	0.4
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

* "Other combinations" includes one triple-trailer involvement in Ohio and one in Nevada.

** Pennsylvania does not provide police reports, so most truck data are unknown.

Temporal distributions

Table 2-2
Fatal Truck Involvements by Month and Truck Configuration
TIFA 2000

Month of accident	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
January	127	8.4	22	9.9	15	12.2	230	7.3	10	6.2	1	2.6	3	6.4	408	7.7
February	103	6.8	8	3.6	7	5.7	257	8.1	8	4.9	3	7.9	3	6.4	389	7.4
March	101	6.6	20	9.0	6	4.9	269	8.5	18	11.1	6	15.8	2	4.3	422	8.0
April	112	7.4	22	9.9	11	8.9	232	7.3	9	5.6	1	2.6	1	2.1	388	7.4
May	129	8.5	9	4.1	8	6.5	250	7.9	13	8.0	1	2.6	2	4.3	412	7.8
June	151	9.9	25	11.3	9	7.3	299	9.5	17	10.5	4	10.5	4	8.5	509	9.6
July	117	7.7	23	10.4	13	10.6	259	8.2	16	9.9	4	10.5	3	6.4	435	8.2
August	160	10.5	18	8.1	15	12.2	282	8.9	12	7.4	3	7.9	7	14.9	497	9.4
September	143	9.4	12	5.4	9	7.3	284	9.0	17	10.5	4	10.5	4	8.5	473	9.0
October	120	7.9	20	9.0	9	7.3	284	9.0	13	8.0	5	13.2	8	17.0	459	8.7
November	135	8.9	24	10.8	10	8.1	267	8.4	15	9.3	2	5.3	5	10.6	458	8.7
December	121	8.0	19	8.6	11	8.9	251	7.9	14	8.6	4	10.5	5	10.6	425	8.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-3
Fatal Truck Involvements by Day of Week and Truck Configuration
TIFA 2000

Day of week	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Sunday	66	4.3	12	5.4	10	8.1	207	6.5	13	8.0	4	10.5	3	6.4	315	6.0
Monday	279	18.4	41	18.5	17	13.8	515	16.3	23	14.2	7	18.4	12	25.5	894	16.9
Tuesday	256	16.9	38	17.1	20	16.3	517	16.3	31	19.1	4	10.5	2	4.3	868	16.5
Wednesday	277	18.2	29	13.1	22	17.9	542	17.1	23	14.2	9	23.7	8	17.0	910	17.3
Thursday	289	19.0	35	15.8	16	13.0	567	17.9	32	19.8	4	10.5	7	14.9	950	18.0
Friday	234	15.4	43	19.4	27	22.0	514	16.2	25	15.4	3	7.9	9	19.1	855	16.2
Saturday	118	7.8	24	10.8	11	8.9	302	9.5	15	9.3	7	18.4	6	12.8	483	9.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-4
Fatal Truck Involvements by Day Type and Truck Configuration
TIFA 2000

Day type	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Work week	1335	87.9	186	83.8	102	82.9	2655	83.9	134	82.7	27	71.1	38	80.9	4477	84.9
Weekend	184	12.1	36	16.2	21	17.1	509	16.1	28	17.3	11	28.9	9	19.1	798	15.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Note: Work week is defined as Monday through Friday, and weekend as Saturday and Sunday.

**Table 2-5
Fatal Truck Involvements by Time of Accident and Truck Configuration
TIFA 2000**

Time of accident	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Midnight	16	1.1	2	0.9	7	5.7	94	3.0	10	6.2	1	2.6	0	0.0	130	2.5
1:00 AM	25	1.6	5	2.3	6	4.9	79	2.5	6	3.7	0	0.0	3	6.4	124	2.4
2:00 AM	12	0.8	2	0.9	4	3.3	106	3.4	8	4.9	0	0.0	1	2.1	133	2.5
3:00 AM	18	1.2	2	0.9	1	0.8	102	3.2	7	4.3	2	5.3	1	2.1	133	2.5
4:00 AM	26	1.7	3	1.4	3	2.4	97	3.1	6	3.7	0	0.0	0	0.0	135	2.6
5:00 AM	29	1.9	6	2.7	4	3.3	137	4.3	9	5.6	0	0.0	0	0.0	185	3.5
6:00 AM	61	4.0	6	2.7	4	3.3	173	5.5	10	6.2	1	2.6	1	2.1	256	4.9
7:00 AM	80	5.3	11	5.0	5	4.1	129	4.1	12	7.4	1	2.6	2	4.3	240	4.5
8:00 AM	98	6.5	14	6.3	2	1.6	150	4.7	0	0.0	2	5.3	1	2.1	267	5.1
9:00 AM	115	7.6	9	4.1	9	7.3	141	4.5	7	4.3	2	5.3	1	2.1	284	5.4
10:00 AM	118	7.8	15	6.8	4	3.3	181	5.7	7	4.3	4	10.5	3	6.4	332	6.3
11:00 AM	125	8.2	13	5.9	4	3.3	182	5.8	7	4.3	2	5.3	2	4.3	335	6.4
Noon	118	7.8	17	7.7	2	1.6	170	5.4	6	3.7	2	5.3	2	4.3	317	6.0
1:00 PM	122	8.0	17	7.7	8	6.5	174	5.5	8	4.9	3	7.9	4	8.5	336	6.4
2:00 PM	124	8.2	16	7.2	9	7.3	190	6.0	8	4.9	2	5.3	1	2.1	350	6.6
3:00 PM	112	7.4	17	7.7	9	7.3	189	6.0	11	6.8	3	7.9	8	17.0	349	6.6
4:00 PM	80	5.3	12	5.4	10	8.1	165	5.2	6	3.7	2	5.3	5	10.6	280	5.3
5:00 PM	70	4.6	14	6.3	7	5.7	134	4.2	4	2.5	3	7.9	6	12.8	238	4.5
6:00 PM	42	2.8	16	7.2	7	5.7	116	3.7	8	4.9	1	2.6	1	2.1	191	3.6
7:00 PM	38	2.5	7	3.2	1	0.8	80	2.5	5	3.1	1	2.6	2	4.3	134	2.5
8:00 PM	27	1.8	9	4.1	4	3.3	91	2.9	3	1.9	1	2.6	0	0.0	135	2.6
9:00 PM	27	1.8	2	0.9	5	4.1	103	3.3	3	1.9	1	2.6	1	2.1	142	2.7
10:00 PM	18	1.2	1	0.5	5	4.1	97	3.1	3	1.9	2	5.3	0	0.0	126	2.4
11:00 PM	17	1.1	6	2.7	3	2.4	82	2.6	8	4.9	2	5.3	2	4.3	120	2.3
Unknown	1	0.1	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	3	0.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-6
Fatal Truck Involvements by Time of Accident and Day Type
TIFA 2000

Time of accident	Work week		Weekend		Total	
	No.	Pct.	No.	Pct.	No.	Pct.
Midnight	98	2.2	32	4.0	130	2.5
1:00 AM	81	1.8	43	5.4	124	2.4
2:00 AM	96	2.1	37	4.6	133	2.5
3:00 AM	93	2.1	40	5.0	133	2.5
4:00 AM	102	2.3	33	4.1	135	2.6
5:00 AM	148	3.3	37	4.6	185	3.5
6:00 AM	238	5.3	18	2.3	256	4.9
7:00 AM	213	4.8	27	3.4	240	4.5
8:00 AM	242	5.4	25	3.1	267	5.1
9:00 AM	240	5.4	44	5.5	284	5.4
10:00 AM	286	6.4	46	5.8	332	6.3
11:00 AM	281	6.3	54	6.8	335	6.4
Noon	298	6.7	19	2.4	317	6.0
1:00 PM	299	6.7	37	4.6	336	6.4
2:00 PM	308	6.9	42	5.3	350	6.6
3:00 PM	300	6.7	49	6.1	349	6.6
4:00 PM	243	5.4	37	4.6	280	5.3
5:00 PM	209	4.7	29	3.6	238	4.5
6:00 PM	158	3.5	33	4.1	191	3.6
7:00 PM	112	2.5	22	2.8	134	2.5
8:00 PM	115	2.6	20	2.5	135	2.6
9:00 PM	115	2.6	27	3.4	142	2.7
10:00 PM	106	2.4	20	2.5	126	2.4
11:00 PM	93	2.1	27	3.4	120	2.3
Unknown	3	0.1	0	0.0	3	0.1
Total	4477	100.0	798	100.0	5275	100.0

Note: Work week is defined as Monday through Friday, and weekend as Saturday and Sunday.

Environmental distributions

Table 2-7
Fatal Truck Involvements by Land Use and Truck Configuration
TIFA 2000

Land use	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Urban	607	40.0	66	29.7	45	36.6	843	26.6	50	30.9	9	23.7	15	31.9	1635	31.0
Rural	860	56.6	154	69.4	74	60.2	2224	70.3	108	66.7	28	73.7	31	66.0	3479	66.0
Unknown	52	3.4	2	0.9	4	3.3	97	3.1	4	2.5	1	2.6	1	2.1	161	3.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 2-8
Fatal Truck Involvements by Light Condition and Truck Configuration
TIFA 2000**

Light condition	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Daylight	1199	78.9	163	73.4	71	57.7	1914	60.5	83	51.2	26	68.4	33	70.2	3489	66.1
Dark	175	11.5	37	16.7	38	30.9	849	26.8	55	34.0	11	28.9	8	17.0	1173	22.2
Dark but lighted	89	5.9	10	4.5	14	11.4	289	9.1	17	10.5	1	2.6	4	8.5	424	8.0
Dawn	36	2.4	7	3.2	0	0.0	87	2.7	7	4.3	0	0.0	0	0.0	137	2.6
Dusk	20	1.3	5	2.3	0	0.0	25	0.8	0	0.0	0	0.0	2	4.3	52	1.0
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 2-9
Fatal Truck Involvements by Roadway Surface Condition and Truck Configuration
TIFA 2000**

Roadway surface condition	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Dry	1246	82.0	184	82.9	94	76.4	2589	81.8	138	85.2	34	89.5	32	68.1	4317	81.8
Wet	191	12.6	32	14.4	24	19.5	430	13.6	17	10.5	3	7.9	8	17.0	705	13.4
Snow or slush	45	3.0	2	0.9	1	0.8	67	2.1	5	3.1	1	2.6	5	10.6	126	2.4
Ice	25	1.6	3	1.4	4	3.3	73	2.3	1	0.6	0	0.0	0	0.0	106	2.0
Sand, dirt, oil	5	0.3	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	6	0.1
Other	2	0.1	0	0.0	0	0.0	1	0.0	1	0.6	0	0.0	2	4.3	6	0.1
Unknown	5	0.3	1	0.5	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	9	0.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 2-10
Fatal Truck Involvements by Weather Condition and Truck Configuration
TIFA 2000**

Weather condition	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Normal	1306	86.0	197	88.7	103	83.7	2660	84.1	144	88.9	33	86.8	38	80.9	4481	84.9
Rain	119	7.8	19	8.6	12	9.8	264	8.3	8	4.9	1	2.6	3	6.4	426	8.1
Sleet	5	0.3	1	0.5	0	0.0	16	0.5	0	0.0	0	0.0	0	0.0	22	0.4
Snow	52	3.4	3	1.4	3	2.4	93	2.9	3	1.9	3	7.9	5	10.6	162	3.1
Fog	18	1.2	1	0.5	4	3.3	87	2.7	5	3.1	0	0.0	1	2.1	116	2.2
Rain & fog	1	0.1	0	0.0	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0	6	0.1
Other	14	0.9	0	0.0	1	0.8	35	1.1	2	1.2	1	2.6	0	0.0	53	1.0
Unknown	4	0.3	1	0.5	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	9	0.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Roadway distributions

Table 2-11
Fatal Truck Involvements by Roadway Function Class and Truck Configuration
TIFA 2000

Road function class	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Urban</i>																
Interstate	108	7.1	11	5.0	12	9.8	333	10.5	26	16.0	5	13.2	3	6.4	498	9.4
Freeway/expressway	65	4.3	12	5.4	7	5.7	85	2.7	8	4.9	2	5.3	0	0.0	179	3.4
Other principal artery	187	12.3	20	9.0	9	7.3	249	7.9	10	6.2	2	5.3	7	14.9	484	9.2
Minor artery	115	7.6	15	6.8	9	7.3	92	2.9	3	1.9	0	0.0	2	4.3	236	4.5
Collector	34	2.2	2	0.9	2	1.6	20	0.6	1	0.6	0	0.0	0	0.0	59	1.1
Local street	86	5.7	5	2.3	6	4.9	53	1.7	2	1.2	0	0.0	3	6.4	155	2.9
Unknown urban	12	0.8	1	0.5	0	0.0	11	0.3	0	0.0	0	0.0	0	0.0	24	0.5
Total urban	607	40.0	66	29.7	45	36.6	843	26.6	50	30.9	9	23.7	15	31.9	1635	31.0
<i>Rural</i>																
Interstate	77	5.1	28	12.6	12	9.8	650	20.5	31	19.1	2	5.3	5	10.6	805	15.3
Other principal artery	237	15.6	50	22.5	27	22.0	753	23.8	38	23.5	15	39.5	5	10.6	1125	21.3
Minor artery	170	11.2	33	14.9	12	9.8	358	11.3	20	12.3	4	10.5	6	12.8	603	11.4
Major collector	188	12.4	22	9.9	16	13.0	274	8.7	10	6.2	2	5.3	8	17.0	520	9.9
Minor collector	52	3.4	5	2.3	2	1.6	49	1.5	2	1.2	5	13.2	1	2.1	116	2.2
Local road	100	6.6	11	5.0	3	2.4	69	2.2	3	1.9	0	0.0	6	12.8	192	3.6
Unknown rural	36	2.4	5	2.3	2	1.6	71	2.2	4	2.5	0	0.0	0	0.0	118	2.2
Total rural	860	56.6	154	69.4	74	60.2	2224	70.3	108	66.7	28	73.7	31	66.0	3479	66.0
Unknown	52	3.4	2	0.9	4	3.3	97	3.1	4	2.5	1	2.6	1	2.1	161	3.1
Total urban and rural	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-12
Fatal Truck Involvements by Route Signing and Truck Configuration
TIFA 2000

Route signing	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate	187	12.3	39	17.6	25	20.3	1012	32.0	60	37.0	8	21.1	9	19.1	1340	25.4
US highway	338	22.3	53	23.9	35	28.5	904	28.6	36	22.2	16	42.1	4	8.5	1386	26.3
State highway	483	31.8	74	33.3	34	27.6	850	26.9	40	24.7	10	26.3	26	55.3	1517	28.8
County road	228	15.0	23	10.4	8	6.5	162	5.1	20	12.3	3	7.9	1	2.1	445	8.4
Township	42	2.8	2	0.9	1	0.8	24	0.8	0	0.0	0	0.0	2	4.3	71	1.3
Municipality	169	11.1	15	6.8	13	10.6	130	4.1	3	1.9	0	0.0	4	8.5	334	6.3
Frontage road	4	0.3	0	0.0	0	0.0	11	0.3	1	0.6	0	0.0	0	0.0	16	0.3
Other	62	4.1	15	6.8	6	4.9	59	1.9	1	0.6	1	2.6	1	2.1	145	2.7
Unknown	6	0.4	1	0.5	1	0.8	12	0.4	1	0.6	0	0.0	0	0.0	21	0.4
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 2-13
Fatal Truck Involvements by Relation to Junction and Truck Configuration
TIFA 2000**

Relation to junction	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Noninterchange</i>																
Nonjunction	892	58.7	155	69.8	79	64.2	2142	67.7	114	70.4	28	73.7	30	63.8	3440	65.2
Intersection	443	29.2	49	22.1	29	23.6	584	18.5	30	18.5	7	18.4	13	27.7	1155	21.9
Intersection related	71	4.7	8	3.6	5	4.1	83	2.6	1	0.6	0	0.0	0	0.0	168	3.2
Driveway, alley, etc.	33	2.2	4	1.8	0	0.0	59	1.9	1	0.6	2	5.3	1	2.1	100	1.9
Entrance/exit ramp	9	0.6	0	0.0	1	0.8	28	0.9	3	1.9	0	0.0	0	0.0	41	0.8
Rail grade crossing	14	0.9	1	0.5	1	0.8	13	0.4	0	0.0	0	0.0	0	0.0	29	0.5
In crossover	0	0.0	0	0.0	0	0.0	13	0.4	0	0.0	0	0.0	0	0.0	13	0.2
<i>Interchange area</i>																
Intersection	28	1.8	1	0.5	6	4.9	91	2.9	4	2.5	0	0.0	2	4.3	132	2.5
Intersection related	2	0.1	0	0.0	0	0.0	7	0.2	0	0.0	0	0.0	0	0.0	9	0.2
Driveway, alley, etc.	0	0.0	0	0.0	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	4	0.1
Entrance/exit ramp	8	0.5	0	0.0	0	0.0	55	1.7	3	1.9	0	0.0	1	2.1	67	1.3
In crossover	0	0.0	0	0.0	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	4	0.1
Other location	19	1.3	4	1.8	2	1.6	74	2.3	5	3.1	1	2.6	0	0.0	105	2.0
Unknown	0	0.0	0	0.0	0	0.0	7	0.2	1	0.6	0	0.0	0	0.0	8	0.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 2-14
Fatal Truck Involvements by Number of Travel Lanes and Truck Configuration
TIFA 2000**

Number of travel lanes	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
1	8	0.5	1	0.5	0	0.0	12	0.4	1	0.6	0	0.0	1	2.1	23	0.4
2	1147	75.5	181	81.5	92	74.8	2343	74.1	115	71.0	31	81.6	39	83.0	3948	74.8
3	99	6.5	10	4.5	11	8.9	270	8.5	19	11.7	2	5.3	2	4.3	413	7.8
4	178	11.7	25	11.3	15	12.2	374	11.8	19	11.7	4	10.5	3	6.4	618	11.7
5	24	1.6	2	0.9	2	1.6	41	1.3	3	1.9	0	0.0	0	0.0	72	1.4
6	20	1.3	0	0.0	2	1.6	34	1.1	3	1.9	1	2.6	1	2.1	61	1.2
7	7	0.5	0	0.0	0	0.0	14	0.4	0	0.0	0	0.0	0	0.0	21	0.4
9	36	2.4	3	1.4	1	0.8	76	2.4	2	1.2	0	0.0	1	2.1	119	2.3
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-15
Fatal Truck Involvements by Trafficway Flow and Truck Configuration
TIFA 2000

Trafficway flow	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Not divided	971	63.9	140	63.1	71	57.7	1514	47.9	72	44.4	22	57.9	29	61.7	2819	53.4
Median-no barrier	348	22.9	63	28.4	37	30.1	1172	37.0	61	37.7	12	31.6	4	8.5	1697	32.2
Median w/barrier	158	10.4	16	7.2	15	12.2	419	13.2	27	16.7	4	10.5	12	25.5	651	12.3
One way traffic	15	1.0	0	0.0	0	0.0	18	0.6	1	0.6	0	0.0	2	4.3	36	0.7
Unknown	27	1.8	3	1.4	0	0.0	41	1.3	1	0.6	0	0.0	0	0.0	72	1.4
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-16
Fatal Truck Involvements by Speed Limit and Truck Configuration
TIFA 2000

Speed limit	Strt truck		Strt/1 trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
No. stat. limit	2	0.1	1	0.5	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	7	0.1
10	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
15	2	0.1	0	0.0	1	0.8	2	0.1	0	0.0	0	0.0	0	0.0	5	0.1
20	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	1	2.1	3	0.1
25	63	4.1	1	0.5	4	3.3	28	0.9	1	0.6	0	0.0	3	6.4	100	1.9
30	74	4.9	3	1.4	1	0.8	63	2.0	1	0.6	0	0.0	1	2.1	143	2.7
35	129	8.5	13	5.9	7	5.7	85	2.7	1	0.6	0	0.0	4	8.5	239	4.5
40	70	4.6	6	2.7	5	4.1	106	3.4	3	1.9	1	2.6	4	8.5	195	3.7
45	197	13.0	27	12.2	14	11.4	269	8.5	7	4.3	3	7.9	9	19.1	526	10.0
50	98	6.5	13	5.9	5	4.1	137	4.3	7	4.3	0	0.0	2	4.3	262	5.0
55	550	36.2	84	37.8	46	37.4	1158	36.6	62	38.3	15	39.5	14	29.8	1929	36.6
60	57	3.8	8	3.6	4	3.3	144	4.6	19	11.7	3	7.9	0	0.0	235	4.5
65	155	10.2	33	14.9	19	15.4	608	19.2	34	21.0	9	23.7	7	14.9	865	16.4
70	81	5.3	25	11.3	15	12.2	460	14.5	22	13.6	7	18.4	1	2.1	611	11.6
75	6	0.4	5	2.3	0	0.0	76	2.4	5	3.1	0	0.0	0	0.0	92	1.7
Unknown	33	2.2	3	1.4	2	1.6	22	0.7	0	0.0	0	0.0	1	2.1	61	1.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Accident description

Table 2-17
Fatal Truck Involvements by Accident Type and Truck Configuration
TIFA 2000

Accident type	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Single vehicle</i>																
Ran off road	121	8.0	6	2.7	9	7.3	238	7.5	12	7.4	2	5.3	0	0.0	388	7.4
Hit object in road	155	10.2	18	8.1	13	10.6	227	7.2	8	4.9	4	10.5	0	0.0	425	8.1
<i>Same direction, same trafficway</i>																
Rearend, truck striking	78	5.1	10	4.5	5	4.1	210	6.6	16	9.9	5	13.2	0	0.0	324	6.1
Rearend, truck struck	147	9.7	18	8.1	14	11.4	278	8.8	5	3.1	1	2.6	0	0.0	463	8.8
Sideswipe, in other's lane	9	0.6	3	1.4	2	1.6	24	0.8	0	0.0	1	2.6	0	0.0	39	0.7
Sideswipe, in truck's lane	14	0.9	7	3.2	0	0.0	103	3.3	8	4.9	1	2.6	0	0.0	133	2.5
<i>Opposite direction, same trafficway</i>																
Head-on, in other's lane	42	2.8	3	1.4	8	6.5	39	1.2	6	3.7	1	2.6	0	0.0	99	1.9
Head-on, in truck's lane	171	11.3	31	14.0	10	8.1	319	10.1	16	9.9	4	10.5	0	0.0	551	10.4
Sideswipe, in other's lane	29	1.9	5	2.3	2	1.6	27	0.9	1	0.6	1	2.6	0	0.0	65	1.2
Sideswipe, in truck's lane	85	5.6	17	7.7	13	10.6	229	7.2	12	7.4	3	7.9	0	0.0	359	6.8
<i>Change trafficway, one vehicle turning</i>																
Truck turn across path	45	3.0	11	5.0	3	2.4	107	3.4	8	4.9	1	2.6	0	0.0	175	3.3
Other turn across path	124	8.2	18	8.1	7	5.7	169	5.3	8	4.9	3	7.9	0	0.0	329	6.2
<i>Intersecting paths, both going straight</i>																
Truck into side of other	179	11.8	17	7.7	16	13.0	264	8.3	11	6.8	1	2.6	1	2.1	489	9.3
Other into side of truck	55	3.6	5	2.3	0	0.0	125	4.0	10	6.2	2	5.3	0	0.0	197	3.7
<i>Other accident types</i>																
Truck backed into other	9	0.6	0	0.0	0	0.0	17	0.5	0	0.0	0	0.0	0	0.0	26	0.5
Other backed into truck	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Untripped roll	30	2.0	4	1.8	0	0.0	74	2.3	1	0.6	0	0.0	0	0.0	109	2.1
Other	197	13.0	44	19.8	18	14.6	620	19.6	37	22.8	6	15.8	2	4.3	924	17.5
Unknown	28	1.8	5	2.3	3	2.4	94	3.0	3	1.9	2	5.3	44	93.6	179	3.4
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-18
Fatal Truck Involvements by First Harmful Event and Truck Configuration
TIFA 2000

First harmful event	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Noncollision event</i>																
Overturn	65	4.3	6	2.7	2	1.6	135	4.3	3	1.9	0	0.0	2	4.3	213	4.0
Fire/explosion	1	0.1	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Fell from vehicle	15	1.0	4	1.8	1	0.8	2	0.1	0	0.0	0	0.0	0	0.0	22	0.4
Other noncollision	5	0.3	2	0.9	0	0.0	10	0.3	1	0.6	0	0.0	0	0.0	18	0.3
Thrown or falling object	3	0.2	0	0.0	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	7	0.1
Pavement surface irregularity	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Occ. struck/run over by own veh.	1	0.1	0	0.0	0	0.0	1	0.0	1	0.6	0	0.0	0	0.0	3	0.1
<i>Collision with nonfixed object</i>																
Pedestrian	110	7.2	16	7.2	9	7.3	170	5.4	7	4.3	2	5.3	3	6.4	317	6.0
Pedalcycle	29	1.9	3	1.4	2	1.6	36	1.1	0	0.0	0	0.0	0	0.0	70	1.3
Railway train	14	0.9	0	0.0	1	0.8	12	0.4	0	0.0	0	0.0	0	0.0	27	0.5
Animal	1	0.1	2	0.9	0	0.0	6	0.2	0	0.0	2	5.3	0	0.0	11	0.2
Motor vehicle in transport	1132	74.5	170	76.6	96	78.0	2375	75.1	128	79.0	32	84.2	35	74.5	3968	75.2
Veh. in transport - other roadway	31	2.0	8	3.6	2	1.6	141	4.5	8	4.9	0	0.0	0	0.0	190	3.6
Parked motor vehicle	4	0.3	2	0.9	0	0.0	24	0.8	1	0.6	0	0.0	1	2.1	32	0.6
Other type nonmotorist	3	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.1	4	0.1
Other object - not fixed	2	0.1	1	0.5	0	0.0	12	0.4	0	0.0	0	0.0	0	0.0	15	0.3
Transport device used as equip	2	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	3	0.1
Ridden animal/conveyance	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
<i>Collision with fixed object</i>																
Building	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0	1	0.0
Impact attenuator	0	0.0	0	0.0	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	3	0.1
Bridge pier or abutment	2	0.1	0	0.0	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	6	0.1
Bridge parapet end	0	0.0	0	0.0	2	1.6	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Bridge rail	6	0.4	1	0.5	1	0.8	12	0.4	1	0.6	0	0.0	0	0.0	21	0.4
Guardrail	15	1.0	0	0.0	2	1.6	88	2.8	4	2.5	0	0.0	1	2.1	110	2.1
Concrete traffic barrier	7	0.5	0	0.0	0	0.0	16	0.5	2	1.2	0	0.0	3	6.4	28	0.5
Other longitudinal barrier type	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Highway/traffic sign post	6	0.4	0	0.0	0	0.0	11	0.3	1	0.6	0	0.0	0	0.0	18	0.3
Luminaire/light support	1	0.1	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	3	0.1
Utility pole	5	0.3	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	6	0.1
Other post, pole or supports	0	0.0	0	0.0	0	0.0	6	0.2	0	0.0	0	0.0	0	0.0	6	0.1
Culvert	9	0.6	0	0.0	1	0.8	6	0.2	1	0.6	1	2.6	0	0.0	18	0.3
Curb	4	0.3	2	0.9	1	0.8	9	0.3	0	0.0	0	0.0	0	0.0	16	0.3
Ditch	7	0.5	0	0.0	1	0.8	12	0.4	0	0.0	0	0.0	0	0.0	20	0.4
Embankment - earth	3	0.2	1	0.5	0	0.0	9	0.3	1	0.6	0	0.0	1	2.1	15	0.3
Embankment - rock,stone,etc.	0	0.0	0	0.0	0	0.0	6	0.2	0	0.0	0	0.0	0	0.0	6	0.1
Embankment - type unknown	3	0.2	1	0.5	0	0.0	5	0.2	0	0.0	1	2.6	0	0.0	10	0.2
Fence	6	0.4	1	0.5	0	0.0	3	0.1	1	0.6	0	0.0	0	0.0	11	0.2
Wall	0	0.0	0	0.0	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0	5	0.1
Fire hydrant	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Shrubbery	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Tree	17	1.1	0	0.0	2	1.6	24	0.8	1	0.6	0	0.0	0	0.0	44	0.8
Other fixed object	6	0.4	1	0.5	0	0.0	10	0.3	0	0.0	0	0.0	0	0.0	17	0.3
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 2-19
Fatal Truck Involvements by Vehicle Role in Accident and Truck Configuration
TIFA 2000**

Vehicle role	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Non-collision	57	3.8	8	3.6	1	0.8	86	2.7	5	3.1	0	0.0	1	2.1	158	3.0
Striking	1058	69.7	155	69.8	91	74.0	2030	64.2	99	61.1	29	76.3	34	72.3	3496	66.3
Struck	366	24.1	59	26.6	27	22.0	963	30.4	52	32.1	9	23.7	10	21.3	1486	28.2
Both	37	2.4	0	0.0	4	3.3	80	2.5	6	3.7	0	0.0	2	4.3	129	2.4
Unknown	1	0.1	0	0.0	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0	6	0.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 2-20
Fatal Truck Involvements by Manner of Collision and Truck Configuration
TIFA 2000**

Manner of collision	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Not applicable	356	23.4	44	19.8	25	20.3	648	20.5	26	16.0	6	15.8	12	25.5	1117	21.2
Rear-end	272	17.9	31	14.0	24	19.5	658	20.8	30	18.5	10	26.3	4	8.5	1029	19.5
Head-on	329	21.7	59	26.6	35	28.5	712	22.5	40	24.7	10	26.3	11	23.4	1196	22.7
Rear to rear	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Angle	516	34.0	71	32.0	33	26.8	958	30.3	55	34.0	10	26.3	17	36.2	1660	31.5
Sideswipe: same direction	20	1.3	10	4.5	3	2.4	102	3.2	5	3.1	1	2.6	2	4.3	143	2.7
Sideswipe: opp direction	24	1.6	7	3.2	3	2.4	74	2.3	5	3.1	1	2.6	1	2.1	115	2.2
Unknown	2	0.1	0	0.0	0	0.0	11	0.3	1	0.6	0	0.0	0	0.0	14	0.3
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 2-21
Fatal Truck Involvements by Rollover Status and Truck Configuration
TIFA 2000**

Truck rollover status	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
No rollover	1301	85.6	195	87.8	109	88.6	2770	87.5	137	84.6	30	78.9	44	93.6	4586	86.9
First event	63	4.1	3	1.4	3	2.4	136	4.3	3	1.9	0	0.0	2	4.3	210	4.0
Subsequent event	155	10.2	24	10.8	11	8.9	258	8.2	22	13.6	8	21.1	1	2.1	479	9.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-22
Fatal Truck Involvements by Jackknife Status and Truck Configuration
TIFA 2000

Truck jackknife status	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
None	1519	100.0	216	97.3	123	100.0	2913	92.1	133	82.1	36	94.7	47	100.0	4987	94.5
First event	0	0.0	2	0.9	0	0.0	51	1.6	9	5.6	1	2.6	0	0.0	63	1.2
Subsequent event	0	0.0	4	1.8	0	0.0	200	6.3	20	12.3	1	2.6	0	0.0	225	4.3
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-23
Fatal Truck Involvements by Fire Occurrence and Truck Configuration
TIFA 2000

Truck fire occurrence	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
No fire	1480	97.4	216	97.3	121	98.4	2956	93.4	151	93.2	34	89.5	46	97.9	5004	94.9
Fire in vehicle	39	2.6	6	2.7	2	1.6	208	6.6	11	6.8	4	10.5	1	2.1	271	5.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 2-24
Fatal Truck Involvements by Cargo Spillage and Truck Configuration
TIFA 2000

Truck cargo spillage	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
None	1230	81.0	180	81.1	10	8.1	2560	80.9	128	79.0	33	86.8	1	2.1	4142	78.5
Nonhazardous	212	14.0	35	15.8	2	1.6	452	14.3	25	15.4	4	10.5	0	0.0	730	13.8
Hazardous	15	1.0	3	1.4	0	0.0	54	1.7	4	2.5	0	0.0	0	0.0	76	1.4
Unknown	62	4.1	4	1.8	111	90.2	98	3.1	5	3.1	1	2.6	46	97.9	327	6.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Vehicle

This section provides statistics that describe the physical configuration of trucks involved in a fatal accident in 2000. The tables cover truck configuration, cargo body and cargo type, cab style, truck model year, overall weight and length of the trucks, and the type of carrier that operated the truck. Of the 5,275 trucks involved in a fatal accident in 2000, there were 3,164 tractor-semitrailers, 1,519 straight trucks with no trailer, 222 straight trucks pulling a trailer, 123 bobtail tractors, and 162 tractors pulling two trailers.

- Straight trucks with no trailer represented 28.8% of all trucks involved in a fatal accident.
- Tractor-semitrailers accounted for 60.0% of the trucks.
- Over half of the tractor-semitrailers pulled a van trailer - either a dry box van or a refrigerated van.
- 24.6% of the straight trucks had dump bodies. The next most common straight truck cargo body was a van body, with 21.8%.
- 30.2% of the trucks were empty, 21.8% were carrying general freight, and 13.1% were carrying solids in bulk (gravel, soil, etc.) at the time of the accident.
- 8 trucks were longer than 100 feet; 43 weighed more than 100,000 pounds.
- 74.6% of the trucks involved in a fatal accident were Class 8, the heaviest Gross Vehicle Weight Rating (GVWR) class.
- 49.1% of the trucks were operated by interstate for-hire carriers, 17.8% by interstate private carriers, and 16.6% by intrastate private carriers.
- 34.5% of the trucks were on local trips (within 50 miles of base) when involved in the fatal accident.

The following abbreviations are used in this section:

Abbreviation	Definition
Strt	Straight truck
Trac	Tractor
Trlrs	Trailers
Oth combs	Other combinations
Semi	Semitrailer
Dist	Distance
Equip	Equipment
Piggybk	Piggyback

**Table 3-1
Fatal Truck Involvements by Truck Configuration
TIFA 2000**

Configuration	No.	Pct.
<i>Straight trucks</i>		
Straight truck only	1519	28.8
<i>Straight truck, 1 trailer</i>		
Straight + full trailer	47	0.9
Straight + other	127	2.4
Straight + other, gooseneck hitch	48	0.9
<i>Subtotal</i>	222	4.2
<i>Other straight combinations</i>		
Wrecker + tow	11	0.2
Wrecker towing other trailer	1	0.0
Straight + other, gooseneck hitch + other	1	0.0
Straight, unknown if pulling trailer	2	0.0
<i>Subtotal</i>	15	0.3
<i>Total straight trucks</i>	1756	33.3
<i>Tractor combinations</i>		
<i>Tractor, no trailers</i>		
Bobtail tractor	110	2.1
Tractor carrying cargo	13	0.2
<i>Subtotal</i>	123	2.3
<i>Tractor, 1 trailer</i>		
Tractor and semitrailer	3164	60.0
Tractor + other	15	0.3
Tractor + semitrailer + A dolly	2	0.0
Tractor + full trailer	1	0.0
<i>Subtotal</i>	3182	60.3
<i>Tractor, 2 trailers</i>		
Double with A dolly	86	1.6
Double, B train	7	0.1
Tractor + semitrailer + full trailer	66	1.3
Tractor + semitrailer + other trailer	1	0.0
Tractor + semitrailer + unknown trailer	2	0.0
<i>Subtotal</i>	162	3.1
<i>Tractor, 3 trailers</i>		
Triple with A dollies	2	0.0
<i>Subtotal</i>	2	0.0
<i>Other tractor combinations</i>		
Tractor + jeep + semi + jeep	2	0.0
Tractor + 1 saddle mount tractor	1	0.0
<i>Subtotal</i>	3	0.1
<i>Total tractors</i>	3472	65.8
<i>Unknown</i>	47	0.9
Grand total	5275	100.0

**Table 3-2
Fatal Truck Involvements by Cargo Body Style and Truck Configuration
TIFA 2000**

Cargo body style	Strt truck		Strt/1trailer		Bobtail		Trac/1semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Tractor/no trailer	0	0.0	0	0.0	123	100.0	0	0.0	0	0.0	0	0.0	0	0.0	123	2.3
Van	331	21.8	13	5.9	0	0.0	1227	38.8	82	50.6	4	10.5	0	0.0	1657	31.4
Open top van	3	0.2	0	0.0	0	0.0	55	1.7	2	1.2	0	0.0	0	0.0	60	1.1
Refrigerated van	56	3.7	1	0.5	0	0.0	451	14.3	2	1.2	1	2.6	0	0.0	511	9.7
Livestock carrier	2	0.1	0	0.0	0	0.0	47	1.5	1	0.6	0	0.0	0	0.0	50	0.9
Flatbed	87	5.7	25	11.3	0	0.0	449	14.2	22	13.6	2	5.3	0	0.0	585	11.1
Lowboy	0	0.0	0	0.0	0	0.0	47	1.5	1	0.6	3	7.9	0	0.0	51	1.0
Flatbed with equip.	35	2.3	5	2.3	0	0.0	7	0.2	3	1.9	0	0.0	0	0.0	50	0.9
Flatbed with sides	46	3.0	6	2.7	0	0.0	34	1.1	3	1.9	0	0.0	0	0.0	89	1.7
Pole/logging	14	0.9	6	2.7	0	0.0	119	3.8	3	1.9	0	0.0	0	0.0	142	2.7
Tank:liquid/gaseous	80	5.3	12	5.4	0	0.0	239	7.6	6	3.7	1	2.6	0	0.0	338	6.4
Tank:dry bulk	3	0.2	0	0.0	0	0.0	51	1.6	3	1.9	0	0.0	0	0.0	57	1.1
Auto carrier	2	0.1	23	10.4	0	0.0	9	0.3	0	0.0	0	0.0	0	0.0	34	0.6
Dump	374	24.6	58	26.1	0	0.0	257	8.1	11	6.8	1	2.6	0	0.0	701	13.3
Hopper bottom	2	0.1	0	0.0	0	0.0	92	2.9	19	11.7	0	0.0	0	0.0	113	2.1
Refuse	112	7.4	0	0.0	0	0.0	10	0.3	0	0.0	0	0.0	0	0.0	122	2.3
Other	360	23.7	73	32.9	0	0.0	37	1.2	2	1.2	26	68.4	0	0.0	498	9.4
Unknown	12	0.8	0	0.0	0	0.0	33	1.0	2	1.2	0	0.0	47	100.0	94	1.8
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 3-3
Fatal Truck Involvements by Type of Cargo and Truck Configuration
TIFA 2000**

Type of cargo	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Empty/bobtail	514	33.8	133	59.9	110	89.4	798	25.2	34	21.0	5	13.2	0	0.0	1594	30.2
General freight	222	14.6	3	1.4	0	0.0	851	26.9	71	43.8	2	5.3	0	0.0	1149	21.8
Household goods	23	1.5	5	2.3	0	0.0	19	0.6	0	0.0	1	2.6	0	0.0	48	0.9
Building materials	23	1.5	0	0.0	0	0.0	51	1.6	3	1.9	0	0.0	0	0.0	77	1.5
Metal (coils, sheets)	12	0.8	3	1.4	0	0.0	124	3.9	0	0.0	0	0.0	0	0.0	139	2.6
Heavy machinery	9	0.6	1	0.5	0	0.0	59	1.9	0	0.0	1	2.6	0	0.0	70	1.3
Large objects	16	1.1	0	0.0	0	0.0	54	1.7	4	2.5	2	5.3	0	0.0	76	1.4
Motor vehicles	12	0.8	12	5.4	0	0.0	15	0.5	0	0.0	8	21.1	0	0.0	47	0.9
Piggybk/towaway	2	0.1	0	0.0	13	10.6	0	0.0	0	0.0	4	10.5	0	0.0	19	0.4
Gases in bulk	11	0.7	0	0.0	0	0.0	12	0.4	1	0.6	0	0.0	0	0.0	24	0.5
Solids in bulk	316	20.8	22	9.9	0	0.0	328	10.4	21	13.0	0	0.0	0	0.0	687	13.0
Liquids in bulk	60	3.9	10	4.5	0	0.0	151	4.8	5	3.1	0	0.0	0	0.0	226	4.3
Explosives	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Logs/poles/lumber	19	1.3	4	1.8	0	0.0	173	5.5	8	4.9	0	0.0	0	0.0	204	3.9
Refrigerated foods	45	3.0	1	0.5	0	0.0	299	9.5	0	0.0	1	2.6	0	0.0	346	6.6
Mobile home	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	9	23.7	0	0.0	10	0.2
Farm products	20	1.3	1	0.5	0	0.0	52	1.6	10	6.2	1	2.6	0	0.0	84	1.6
Live animals	2	0.1	1	0.5	0	0.0	38	1.2	1	0.6	0	0.0	0	0.0	42	0.8
Other	156	10.3	21	9.5	0	0.0	6	0.2	0	0.0	2	5.3	0	0.0	185	3.5
Cargo, unk. type	6	0.4	0	0.0	0	0.0	33	1.0	1	0.6	0	0.0	0	0.0	40	0.8
Saddlemount tractor	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.6	0	0.0	1	0.0
Unknown	51	3.4	4	1.8	0	0.0	100	3.2	3	1.9	1	2.6	47	100.0	206	3.9
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 3-4
Fatal Truck Involvements by Cab Style and Truck Configuration
TIFA 2000**

Cab style	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Conventional	1281	84.3	208	93.7	106	86.2	2883	91.1	138	85.2	35	92.1	2	4.3	4653	88.2
Cabover or cab-forward	229	15.1	14	6.3	17	13.8	262	8.3	24	14.8	3	7.9	0	0.0	549	10.4
Unknown	9	0.6	0	0.0	0	0.0	19	0.6	0	0.0	0	0.0	45	95.7	73	1.4
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 3-5
Fatal Truck Involvements by Cab Style and Power Unit Model Year
TIFA 2000**

Power unit model year	Conventional		Cabover		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
1954	1	0.0	0	0.0	0	0.0	1	0.0
1956	1	0.0	0	0.0	0	0.0	1	0.0
1961	1	0.0	0	0.0	0	0.0	1	0.0
1963	2	0.0	0	0.0	0	0.0	2	0.0
1964	0	0.0	1	0.2	0	0.0	1	0.0
1965	2	0.0	0	0.0	0	0.0	2	0.0
1966	5	0.1	0	0.0	0	0.0	5	0.1
1967	1	0.0	1	0.2	0	0.0	2	0.0
1968	3	0.1	0	0.0	0	0.0	3	0.1
1969	4	0.1	0	0.0	0	0.0	4	0.1
1970	2	0.0	0	0.0	0	0.0	2	0.0
1971	3	0.1	0	0.0	0	0.0	3	0.1
1972	5	0.1	2	0.4	0	0.0	7	0.1
1973	8	0.2	4	0.7	0	0.0	12	0.2
1974	9	0.2	2	0.4	0	0.0	11	0.2
1975	6	0.1	3	0.5	0	0.0	9	0.2
1976	16	0.3	3	0.5	0	0.0	19	0.4
1977	11	0.2	2	0.4	0	0.0	13	0.2
1978	27	0.6	9	1.6	0	0.0	36	0.7
1979	39	0.8	7	1.3	0	0.0	46	0.9
1980	22	0.5	5	0.9	0	0.0	27	0.5
1981	26	0.6	6	1.1	0	0.0	32	0.6
1982	26	0.6	6	1.1	0	0.0	32	0.6
1983	23	0.5	11	2.0	0	0.0	34	0.6
1984	58	1.2	13	2.4	1	1.4	72	1.4
1985	77	1.7	16	2.9	2	2.7	95	1.8
1986	80	1.7	24	4.4	0	0.0	104	2.0
1987	95	2.0	23	4.2	1	1.4	119	2.3
1988	136	2.9	26	4.7	0	0.0	162	3.1
1989	127	2.7	25	4.6	0	0.0	152	2.9
1990	145	3.1	21	3.8	2	2.7	168	3.2
1991	136	2.9	27	4.9	0	0.0	163	3.1
1992	137	2.9	23	4.2	0	0.0	160	3.0
1993	223	4.8	26	4.7	1	1.4	250	4.7
1994	294	6.3	25	4.6	0	0.0	319	6.0
1995	408	8.8	56	10.2	3	4.1	467	8.9
1996	361	7.8	17	3.1	1	1.4	379	7.2
1997	395	8.5	32	5.8	0	0.0	427	8.1
1998	478	10.3	44	8.0	0	0.0	522	9.9
1999	614	13.2	49	8.9	1	1.4	664	12.6
2000	572	12.3	24	4.4	0	0.0	596	11.3
2001	67	1.4	12	2.2	0	0.0	79	1.5
Unknown	7	0.2	4	0.7	61	83.6	72	1.4
Total	4653	100.0	549	100.0	73	100.0	5275	100.0

**Table 3-6
Fatal Truck Involvements by Power Unit Model Year and Truck Configuration
TIFA 2000**

Power unit model year	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
1954	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
1956	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
1961	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
1963	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
1964	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
1965	0	0.0	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	2	0.0
1966	4	0.3	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	0.1
1967	1	0.1	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
1968	2	0.1	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.1
1969	2	0.1	0	0.0	1	0.8	1	0.0	0	0.0	0	0.0	0	0.0	4	0.1
1970	1	0.1	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
1971	2	0.1	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0	3	0.1
1972	2	0.1	3	1.4	0	0.0	1	0.0	0	0.0	1	2.6	0	0.0	7	0.1
1973	10	0.7	0	0.0	0	0.0	1	0.0	1	0.6	0	0.0	0	0.0	12	0.2
1974	7	0.5	0	0.0	0	0.0	3	0.1	1	0.6	0	0.0	0	0.0	11	0.2
1975	5	0.3	0	0.0	1	0.8	2	0.1	0	0.0	1	2.6	0	0.0	9	0.2
1976	16	1.1	1	0.5	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	19	0.4
1977	7	0.5	1	0.5	0	0.0	4	0.1	0	0.0	1	2.6	0	0.0	13	0.2
1978	18	1.2	3	1.4	0	0.0	14	0.4	1	0.6	0	0.0	0	0.0	36	0.7
1979	33	2.2	2	0.9	0	0.0	11	0.3	0	0.0	0	0.0	0	0.0	46	0.9
1980	16	1.1	3	1.4	0	0.0	8	0.3	0	0.0	0	0.0	0	0.0	27	0.5
1981	10	0.7	2	0.9	3	2.4	16	0.5	0	0.0	1	2.6	0	0.0	32	0.6
1982	17	1.1	1	0.5	2	1.6	11	0.3	0	0.0	1	2.6	0	0.0	32	0.6
1983	13	0.9	2	0.9	3	2.4	15	0.5	1	0.6	0	0.0	0	0.0	34	0.6
1984	30	2.0	5	2.3	1	0.8	33	1.0	1	0.6	2	5.3	0	0.0	72	1.4
1985	39	2.6	5	2.3	2	1.6	47	1.5	2	1.2	0	0.0	0	0.0	95	1.8
1986	33	2.2	10	4.5	3	2.4	52	1.6	5	3.1	1	2.6	0	0.0	104	2.0
1987	46	3.0	4	1.8	3	2.4	64	2.0	1	0.6	1	2.6	0	0.0	119	2.3
1988	57	3.8	13	5.9	1	0.8	87	2.7	3	1.9	1	2.6	0	0.0	162	3.1
1989	42	2.8	5	2.3	2	1.6	97	3.1	5	3.1	1	2.6	0	0.0	152	2.9
1990	57	3.8	6	2.7	3	2.4	88	2.8	11	6.8	3	7.9	0	0.0	168	3.2
1991	58	3.8	5	2.3	6	4.9	89	2.8	2	1.2	3	7.9	0	0.0	163	3.1
1992	44	2.9	6	2.7	3	2.4	99	3.1	7	4.3	1	2.6	0	0.0	160	3.0
1993	51	3.4	10	4.5	8	6.5	166	5.2	12	7.4	3	7.9	0	0.0	250	4.7
1994	93	6.1	8	3.6	15	12.2	197	6.2	6	3.7	0	0.0	0	0.0	319	6.0
1995	140	9.2	16	7.2	11	8.9	282	8.9	14	8.6	2	5.3	2	4.3	467	8.9
1996	88	5.8	8	3.6	11	8.9	258	8.2	11	6.8	3	7.9	0	0.0	379	7.2
1997	127	8.4	17	7.7	7	5.7	264	8.3	9	5.6	3	7.9	0	0.0	427	8.1
1998	139	9.2	18	8.1	12	9.8	329	10.4	20	12.3	4	10.5	0	0.0	522	9.9
1999	181	11.9	29	13.1	6	4.9	428	13.5	16	9.9	4	10.5	0	0.0	664	12.6
2000	105	6.9	31	14.0	18	14.6	413	13.1	28	17.3	1	2.6	0	0.0	596	11.3
2001	14	0.9	4	1.8	0	0.0	57	1.8	4	2.5	0	0.0	0	0.0	79	1.5
Unknown	4	0.3	1	0.5	0	0.0	22	0.7	0	0.0	0	0.0	45	95.7	72	1.4
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 3-7
Fatal Truck Involvements by Truck Length and Truck Configuration
TIFA 2000**

Truck length (feet)	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
16-20	258	17.0	0	0.0	12	9.8	0	0.0	0	0.0	0	0.0	0	0.0	270	5.1
21-25	444	29.2	0	0.0	73	59.3	0	0.0	0	0.0	0	0.0	0	0.0	517	9.8
26-30	410	27.0	6	2.7	31	25.2	0	0.0	0	0.0	1	2.6	0	0.0	448	8.5
31-35	264	17.4	16	7.2	6	4.9	7	0.2	0	0.0	2	5.3	0	0.0	295	5.6
36-40	45	3.0	39	17.6	0	0.0	41	1.3	0	0.0	5	13.2	0	0.0	130	2.5
41-45	13	0.9	20	9.0	0	0.0	82	2.6	0	0.0	3	7.9	0	0.0	118	2.2
46-50	3	0.2	28	12.6	0	0.0	74	2.3	0	0.0	5	13.2	0	0.0	110	2.1
51-55	1	0.1	15	6.8	0	0.0	176	5.6	0	0.0	0	0.0	0	0.0	192	3.6
56-60	0	0.0	26	11.7	0	0.0	480	15.2	4	2.5	0	0.0	0	0.0	510	9.7
61-65	0	0.0	12	5.4	0	0.0	865	27.3	15	9.3	0	0.0	0	0.0	892	16.9
66-70	0	0.0	15	6.8	0	0.0	868	27.4	26	16.0	1	2.6	0	0.0	910	17.3
71-75	0	0.0	17	7.7	0	0.0	367	11.6	70	43.2	1	2.6	0	0.0	455	8.6
76-80	0	0.0	7	3.2	0	0.0	31	1.0	21	13.0	3	7.9	0	0.0	62	1.2
81-85	0	0.0	3	1.4	0	0.0	4	0.1	6	3.7	0	0.0	0	0.0	13	0.2
86-90	0	0.0	0	0.0	0	0.0	0	0.0	8	4.9	1	2.6	0	0.0	9	0.2
91-95	0	0.0	0	0.0	0	0.0	0	0.0	5	3.1	2	5.3	0	0.0	7	0.1
96-100	0	0.0	0	0.0	0	0.0	2	0.1	2	1.2	0	0.0	0	0.0	4	0.1
101 +	0	0.0	0	0.0	0	0.0	0	0.0	3	1.9	5	13.2	0	0.0	8	0.2
Unknown	81	5.3	18	8.1	1	0.8	167	5.3	2	1.2	9	23.7	47	100.0	325	6.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 3-8
Fatal Truck Involvements by Gross Combination Weight and Truck Configuration
TIFA 2000

Gross combination weight (lbs)	Strt truck		Strt/1trailer		Bobtail		Trac/1semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<= 5,000	7	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	0.1
5,001-10,000	250	16.5	6	2.7	3	2.4	0	0.0	0	0.0	0	0.0	0	0.0	259	4.9
10,001-15,000	235	15.5	30	13.5	13	10.6	0	0.0	0	0.0	3	7.9	0	0.0	281	5.3
15,001-20,000	111	7.3	15	6.8	92	74.8	8	0.3	0	0.0	5	13.2	0	0.0	231	4.4
20,001-25,000	144	9.5	19	8.6	5	4.1	49	1.5	3	1.9	3	7.9	0	0.0	223	4.2
25,001-30,000	135	8.9	19	8.6	7	5.7	393	12.4	19	11.7	3	7.9	0	0.0	576	10.9
30,001-35,000	49	3.2	21	9.5	0	0.0	363	11.5	4	2.5	0	0.0	0	0.0	437	8.3
35,001-40,000	32	2.1	7	3.2	0	0.0	115	3.6	9	5.6	3	7.9	0	0.0	166	3.1
40,001-45,000	17	1.1	2	0.9	0	0.0	112	3.5	3	1.9	2	5.3	0	0.0	136	2.6
45,001-50,000	34	2.2	0	0.0	0	0.0	110	3.5	9	5.6	2	5.3	0	0.0	155	2.9
50,001-55,000	29	1.9	1	0.5	0	0.0	96	3.0	12	7.4	0	0.0	0	0.0	138	2.6
55,001-60,000	22	1.4	3	1.4	0	0.0	96	3.0	8	4.9	0	0.0	0	0.0	129	2.4
60,001-65,000	21	1.4	2	0.9	0	0.0	92	2.9	11	6.8	0	0.0	0	0.0	126	2.4
65,001-70,000	22	1.4	4	1.8	0	0.0	186	5.9	8	4.9	0	0.0	0	0.0	220	4.2
70,001-75,000	22	1.4	2	0.9	0	0.0	363	11.5	9	5.6	0	0.0	0	0.0	396	7.5
75,001-80,000	8	0.5	16	7.2	0	0.0	535	16.9	10	6.2	1	2.6	0	0.0	570	10.8
80,001-85,000	4	0.3	2	0.9	0	0.0	51	1.6	1	0.6	0	0.0	0	0.0	58	1.1
85,001-90,000	1	0.1	3	1.4	0	0.0	28	0.9	2	1.2	0	0.0	0	0.0	34	0.6
90,001-95,000	0	0.0	1	0.5	0	0.0	8	0.3	1	0.6	0	0.0	0	0.0	10	0.2
95,001-100,000	0	0.0	2	0.9	0	0.0	12	0.4	3	1.9	0	0.0	0	0.0	17	0.3
100,001-110,000	0	0.0	1	0.5	0	0.0	9	0.3	12	7.4	0	0.0	0	0.0	22	0.4
110,001-120,000	0	0.0	0	0.0	0	0.0	6	0.2	0	0.0	0	0.0	0	0.0	6	0.1
120,001-130,000	0	0.0	1	0.5	0	0.0	2	0.1	5	3.1	0	0.0	0	0.0	8	0.2
130,001-140,000	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
140,001-150,000	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	1	2.6	0	0.0	2	0.0
150,001-160,000	0	0.0	0	0.0	0	0.0	0	0.0	4	2.5	0	0.0	0	0.0	4	0.1
Unknown	376	24.8	65	29.3	3	2.4	529	16.7	28	17.3	15	39.5	47	100.0	1063	20.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 3-9
Fatal Truck Involvements by Gross Vehicle Weight Rating and Truck Configuration
TIFA 2000

Gross vehicle weight rating	Strt truck		Strt/1trailer		Bobtail		Trac/1semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Class 3: 10,001-14,000	252	16.6	71	32.0	0	0.0	0	0.0	0	0.0	6	15.8	0	0.0	329	6.2
Class 4: 14,001-16,000	89	5.9	14	6.3	0	0.0	1	0.0	0	0.0	2	5.3	0	0.0	106	2.0
Class 5: 16,001-19,500	47	3.1	7	3.2	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	55	1.0
Class 6: 19,501-26,000	182	12.0	14	6.3	0	0.0	4	0.1	0	0.0	3	7.9	1	2.1	204	3.9
Class 7: 26,001-33,000	228	15.0	22	9.9	7	5.7	81	2.6	46	28.4	9	23.7	0	0.0	393	7.5
Class 8: 33,001 or more	591	38.9	81	36.5	116	94.3	3030	95.8	99	61.1	17	44.7	1	2.1	3935	74.6
Unknown	130	8.6	13	5.9	0	0.0	47	1.5	17	10.5	1	2.6	45	95.7	253	4.8
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Note: Gross Vehicle Weight Rating (GVWR) pertains to the power unit.

Table 3-10
Fatal Truck Involvements by Carrier Type and Truck Configuration
TIFA 2000

Carrier type	Strt truck		Strt/1trailer		Bobtail		Trac/1semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate private	374	24.6	40	18.0	13	10.6	493	15.6	16	9.9	5	13.2	0	0.0	941	17.8
Interstate for-hire	150	9.9	49	22.1	81	65.9	2188	69.2	106	65.4	16	42.1	1	2.1	2591	49.1
Intrastate private	575	37.9	85	38.3	10	8.1	187	5.9	16	9.9	4	10.5	0	0.0	877	16.6
Intrastate for-hire	128	8.4	14	6.3	7	5.7	185	5.8	22	13.6	4	10.5	0	0.0	360	6.8
Government owned	94	6.2	8	3.6	1	0.8	7	0.2	0	0.0	1	2.6	0	0.0	111	2.1
Daily rental	35	2.3	8	3.6	1	0.8	1	0.0	0	0.0	1	2.6	0	0.0	46	0.9
Unknown	163	10.7	18	8.1	10	8.1	103	3.3	2	1.2	7	18.4	46	97.9	349	6.6
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 3-11
Fatal Truck Involvements by Trip Type and Truck Configuration
TIFA 2000

Trip type	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Local	1042	68.6	116	52.3	56	45.5	560	17.7	35	21.6	13	34.2	0	0.0	1822	34.5
51-100 miles	159	10.5	26	11.7	17	13.8	409	12.9	19	11.7	4	10.5	0	0.0	634	12.0
101-200	74	4.9	18	8.1	10	8.1	351	11.1	23	14.2	7	18.4	0	0.0	483	9.2
201-500	32	2.1	18	8.1	7	5.7	548	17.3	53	32.7	7	18.4	0	0.0	665	12.6
Over 500	16	1.1	12	5.4	5	4.1	673	21.3	13	8.0	0	0.0	0	0.0	719	13.6
Unk over-the-road dist.	29	1.9	5	2.3	2	1.6	159	5.0	6	3.7	2	5.3	0	0.0	203	3.8
Unknown	167	11.0	27	12.2	26	21.1	464	14.7	13	8.0	5	13.2	47	100.0	749	14.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Driver

This section provides statistics on the drivers of trucks involved in fatal traffic accidents. Tables cover driver age, sex, alcohol or drug use, safety belt use, driver injury, licensing, previous driving record, and driver factors related to the accident.

- 2.2% of truck drivers involved in a fatal traffic accident had been drinking.
- Drug use was reported for 0.6% of truck drivers in a fatal crash.
- 96.4% of truck drivers involved in a fatal accident were male.
- 713 truck drivers were fatally injured in a traffic accident.
- 2.1% of truck drivers involved in a fatal accident were recorded as drowsy or asleep.
- Driving too fast was the most common driver factor recorded (7.6%), followed by ran-off-road (6.9%), and inattentive (5.4%).
- 63.4% of truck drivers had no driver factors recorded.

Injuries are classified according to severity under the following levels:

Severity category	Definition
K	Fatal injury
A	Incapacitating injury
B	Evident but not incapacitating
C	Complaint of pain
O	No injury

The following abbreviations are used in this section:

Abbreviation	Definition
Strt	Straight truck
Trac	Tractor
Trlrs	Trailers
Oth combs	Other combinations
Semi	Semitrailer
Convs	Convictions
CDL	Commercial driver's license
Dist	Distance

**Table 4-1
Fatal Truck Involvements by Driver Drinking Status and Truck Configuration
TIFA 2000**

Truck driver drinking	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
No drinking	1454	95.7	218	98.2	121	98.4	3121	98.6	162	100.0	38	100.0	46	97.9	5160	97.8
Drinking	65	4.3	4	1.8	2	1.6	43	1.4	0	0.0	0	0.0	1	2.1	115	2.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 4-2
Fatal Truck Involvements by Driver Drug Use and Truck Configuration
TIFA 2000**

Truck driver drug use	Strt truck		Strt/1trailer		Bobtail		Trac/1semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
No drugs	505	33.2	74	33.3	32	26.0	948	30.0	48	29.6	9	23.7	25	53.2	1641	31.1
Drugs involved	8	0.5	2	0.9	0	0.0	20	0.6	1	0.6	0	0.0	0	0.0	31	0.6
Not reported	908	59.8	127	57.2	85	69.1	1989	62.9	105	64.8	27	71.1	20	42.6	3261	61.8
Reported unk	98	6.5	19	8.6	6	4.9	207	6.5	8	4.9	2	5.3	2	4.3	342	6.5
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 4-3
Fatal Truck Involvements by Driver Age and Truck Configuration
TIFA 2000**

Age (years)	Strt truck		Strt/1trailer		Bobtail		Trac/1semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
15-20	43	2.8	4	1.8	1	0.8	13	0.4	1	0.6	0	0.0	1	2.1	63	1.2
21-25	150	9.9	25	11.3	5	4.1	165	5.2	9	5.6	0	0.0	2	4.3	356	6.7
26-30	189	12.4	25	11.3	14	11.4	311	9.8	24	14.8	3	7.9	4	8.5	570	10.8
31-35	199	13.1	20	9.0	20	16.3	414	13.1	12	7.4	8	21.1	9	19.1	682	12.9
36-40	220	14.5	22	9.9	20	16.3	465	14.7	26	16.0	9	23.7	4	8.5	766	14.5
41-45	221	14.5	38	17.1	17	13.8	534	16.9	25	15.4	3	7.9	6	12.8	844	16.0
46-50	175	11.5	24	10.8	16	13.0	430	13.6	21	13.0	4	10.5	7	14.9	677	12.8
51-55	111	7.3	29	13.1	11	8.9	327	10.3	17	10.5	6	15.8	2	4.3	503	9.5
56-60	96	6.3	19	8.6	8	6.5	252	8.0	13	8.0	1	2.6	2	4.3	391	7.4
61-65	45	3.0	6	2.7	7	5.7	140	4.4	9	5.6	1	2.6	3	6.4	211	4.0
66-70	29	1.9	3	1.4	3	2.4	40	1.3	4	2.5	0	0.0	2	4.3	81	1.5
71-75	14	0.9	2	0.9	1	0.8	19	0.6	1	0.6	1	2.6	1	2.1	39	0.7
> 75	2	0.1	1	0.5	0	0.0	7	0.2	0	0.0	0	0.0	0	0.0	10	0.2
Unknown	25	1.6	4	1.8	0	0.0	47	1.5	0	0.0	2	5.3	4	8.5	82	1.6
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 4-4
Fatal Truck Involvements by Driver Sex and Truck Configuration
TIFA 2000**

Driver sex	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Male	1459	96.1	213	95.9	120	97.6	3055	96.6	158	97.5	36	94.7	42	89.4	5083	96.4
Female	37	2.4	5	2.3	3	2.4	68	2.1	4	2.5	0	0.0	1	2.1	118	2.2
Unknown	23	1.5	4	1.8	0	0.0	41	1.3	0	0.0	2	5.3	4	8.5	74	1.4
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 4-5
Fatal Truck Involvements by Driver Restraint Use and Truck Configuration
TIFA 2000**

Restraint use	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
None used or N/A	412	27.1	41	18.5	27	22.0	493	15.6	20	12.3	7	18.4	10	21.3	1010	19.1
Shoulder belt	3	0.2	1	0.5	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	7	0.1
Lap belt	133	8.8	19	8.6	9	7.3	190	6.0	17	10.5	4	10.5	3	6.4	375	7.1
Lap and shoulder	741	48.8	126	56.8	65	52.8	1984	62.7	110	67.9	15	39.5	21	44.7	3062	58.0
Used, type unk	66	4.3	8	3.6	9	7.3	147	4.6	6	3.7	6	15.8	2	4.3	244	4.6
Belt use improper	1	0.1	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	3	0.1
Unknown	163	10.7	27	12.2	13	10.6	345	10.9	9	5.6	6	15.8	11	23.4	574	10.9
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 4-6
Fatal Truck Involvements by Driver Injury Severity and Truck Configuration
TIFA 2000**

Driver injury severity	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Fatal injury (K)	241	15.9	19	8.6	14	11.4	416	13.1	17	10.5	4	10.5	2	4.3	713	13.5
Incapacitating (A)	98	6.5	15	6.8	6	4.9	132	4.2	7	4.3	6	15.8	4	8.5	268	5.1
Non-incapacitating (B)	189	12.4	24	10.8	17	13.8	301	9.5	12	7.4	6	15.8	8	17.0	557	10.6
Complaint of pain (C)	196	12.9	20	9.0	23	18.7	307	9.7	22	13.6	2	5.3	1	2.1	571	10.8
No injury (O)	765	50.4	139	62.6	62	50.4	1970	62.3	104	64.2	18	47.4	29	61.7	3087	58.5
Unknown	30	2.0	5	2.3	1	0.8	38	1.2	0	0.0	2	5.3	3	6.4	79	1.5
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-7
Fatal Truck Involvements by Driver Injury Severity and Rollover, Fire, Ejection Status
TIFA 2000

Rollover, fire ejection	Fatal injury (K)		Incapaci- tating (A)		Non-incapa- citating (B)		Complaint of pain (C)		No injury (O)		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Rollover only	167	23.4	64	23.9	100	18.0	55	9.6	63	2.0	0	0.0	449	8.5
Fire only	53	7.4	10	3.7	33	5.9	26	4.6	54	1.7	0	0.0	176	3.3
Ejection only	69	9.7	3	1.1	5	0.9	1	0.2	3	0.1	0	0.0	81	1.5
Rollover and fire	47	6.6	6	2.2	5	0.9	2	0.4	2	0.1	1	1.3	63	1.2
Rollover & ejection	155	21.7	3	1.1	4	0.7	0	0.0	0	0.0	0	0.0	162	3.1
Fire and ejection	15	2.1	2	0.7	0	0.0	0	0.0	0	0.0	0	0.0	17	0.3
Rollover, fire, & eject	10	1.4	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	11	0.2
None	190	26.6	179	66.8	410	73.6	487	85.3	2965	96.0	30	38.0	4261	80.8
Unknown	7	1.0	0	0.0	0	0.0	0	0.0	0	0.0	48	60.8	55	1.0
Total	713	100.0	268	100.0	557	100.0	571	100.0	3087	100.0	79	100.0	5275	100.0

Table 4-8
Fatal Truck Involvements by Driver Extrication and Truck Configuration
TIFA 2000

Driver extrication	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Not extricated	1417	93.3	213	95.9	120	97.6	2996	94.7	154	95.1	36	94.7	44	93.6	4980	94.4
Extricated	80	5.3	6	2.7	3	2.4	137	4.3	7	4.3	0	0.0	2	4.3	235	4.5
Unknown	22	1.4	3	1.4	0	0.0	31	1.0	1	0.6	2	5.3	1	2.1	60	1.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-9
Fatal Truck Involvements by Reported Hours Driven and Truck Configuration
TIFA 2000

Hours driven	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
1 hr	351	23.1	61	27.5	39	31.7	459	14.5	28	17.3	4	10.5	0	0.0	942	17.9
2 hrs	148	9.7	33	14.9	3	2.4	302	9.5	9	5.6	3	7.9	0	0.0	498	9.4
3-4 hrs	189	12.4	13	5.9	7	5.7	435	13.7	31	19.1	7	18.4	0	0.0	682	12.9
5-6 hrs	131	8.6	15	6.8	7	5.7	324	10.2	36	22.2	3	7.9	0	0.0	516	9.8
7-8 hrs	70	4.6	5	2.3	7	5.7	201	6.4	11	6.8	1	2.6	0	0.0	295	5.6
9-10 hrs	16	1.1	7	3.2	4	3.3	76	2.4	7	4.3	0	0.0	0	0.0	110	2.1
11-12 hrs	4	0.3	2	0.9	1	0.8	17	0.5	0	0.0	0	0.0	0	0.0	24	0.5
13-18 hrs	0	0.0	2	0.9	0	0.0	9	0.3	0	0.0	0	0.0	0	0.0	11	0.2
> 18 hrs	0	0.0	0	0.0	0	0.0	2	0.1	1	0.6	0	0.0	0	0.0	3	0.1
Unknown, legal	107	7.0	14	6.3	10	8.1	241	7.6	12	7.4	3	7.9	0	0.0	387	7.3
Unk, not legal	1	0.1	0	0.0	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0	6	0.1
Unknown/NA	502	33.0	70	31.5	45	36.6	1093	34.5	27	16.7	17	44.7	47	100.0	1801	34.1
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-10
Fatal Truck Involvements by Number of Previous Accidents and Truck Configuration
TIFA 2000

No. of previous accidents	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
0	1117	73.5	179	80.6	93	75.6	2276	71.9	116	71.6	30	78.9	35	74.5	3846	72.9
1	213	14.0	26	11.7	17	13.8	413	13.1	25	15.4	5	13.2	6	12.8	705	13.4
2	49	3.2	6	2.7	4	3.3	81	2.6	3	1.9	0	0.0	1	2.1	144	2.7
3	8	0.5	1	0.5	1	0.8	17	0.5	3	1.9	0	0.0	0	0.0	30	0.6
4	1	0.1	0	0.0	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	4	0.1
5	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
6	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Not reported	80	5.3	3	1.4	5	4.1	170	5.4	7	4.3	0	0.0	1	2.1	266	5.0
Unknown	50	3.3	7	3.2	3	2.4	202	6.4	8	4.9	3	7.9	4	8.5	277	5.3
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-11
Fatal Truck Involvements by Number of Previous Suspensions and Truck Configuration
TIFA 2000

No. of previous suspensions	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
0	1313	86.4	199	89.6	99	80.5	2716	85.8	145	89.5	35	92.1	38	80.9	4545	86.2
1	95	6.3	5	2.3	15	12.2	161	5.1	7	4.3	0	0.0	4	8.5	287	5.4
2	32	2.1	6	2.7	3	2.4	49	1.5	1	0.6	0	0.0	0	0.0	91	1.7
3	17	1.1	4	1.8	2	1.6	15	0.5	0	0.0	0	0.0	0	0.0	38	0.7
4	3	0.2	0	0.0	1	0.8	13	0.4	0	0.0	0	0.0	1	2.1	18	0.3
5	5	0.3	1	0.5	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0	11	0.2
6	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
7	2	0.1	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	4	0.1
8	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
9	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
12	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0	0	0.0	1	0.0
Unknown	50	3.3	7	3.2	3	2.4	202	6.4	8	4.9	3	7.9	4	8.5	277	5.3
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-12
Fatal Truck Involvements by Number of Previous Speeding Convictions and Truck Configuration
TIFA 2000

No. of previous speeding convs.	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
0	1118	73.6	166	74.8	73	59.3	2032	64.2	118	72.8	23	60.5	37	78.7	3567	67.6
1	261	17.2	33	14.9	33	26.8	578	18.3	27	16.7	10	26.3	5	10.6	947	18.0
2	67	4.4	11	5.0	9	7.3	194	6.1	8	4.9	1	2.6	0	0.0	290	5.5
3	17	1.1	3	1.4	3	2.4	100	3.2	1	0.6	1	2.6	0	0.0	125	2.4
4	3	0.2	1	0.5	1	0.8	33	1.0	0	0.0	0	0.0	1	2.1	39	0.7
5	2	0.1	1	0.5	1	0.8	15	0.5	0	0.0	0	0.0	0	0.0	19	0.4
6	0	0.0	0	0.0	0	0.0	7	0.2	0	0.0	0	0.0	0	0.0	7	0.1
7	0	0.0	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	2	0.0
8	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
9	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Unknown	50	3.3	7	3.2	3	2.4	202	6.4	8	4.9	3	7.9	4	8.5	277	5.3
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-13
Fatal Truck Involvements by Previous Other Moving Convictions and Truck Configuration
TIFA 2000

No. prev. other moving convs.	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
0	1139	75.0	162	73.0	76	61.8	2212	69.9	118	72.8	29	76.3	37	78.7	3773	71.5
1	231	15.2	33	14.9	32	26.0	501	15.8	27	16.7	6	15.8	6	12.8	836	15.8
2	60	3.9	14	6.3	5	4.1	159	5.0	5	3.1	0	0.0	0	0.0	243	4.6
3	17	1.1	3	1.4	5	4.1	57	1.8	1	0.6	0	0.0	0	0.0	83	1.6
4	16	1.1	1	0.5	0	0.0	21	0.7	1	0.6	0	0.0	0	0.0	39	0.7
5	4	0.3	1	0.5	1	0.8	8	0.3	1	0.6	0	0.0	0	0.0	15	0.3
6	2	0.1	0	0.0	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	5	0.1
7	0	0.0	0	0.0	0	0.0	1	0.0	1	0.6	0	0.0	0	0.0	2	0.0
8	0	0.0	1	0.5	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Unknown	50	3.3	7	3.2	3	2.4	202	6.4	8	4.9	3	7.9	4	8.5	277	5.3
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-14
Fatal Truck Involvements by License Class Compliance and Truck Configuration
TIFA 2000

License class compliance	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Not licensed	11	0.7	2	0.9	0	0.0	7	0.2	0	0.0	0	0.0	0	0.0	20	0.4
Not valid	105	6.9	10	4.5	3	2.4	58	1.8	4	2.5	1	2.6	3	6.4	184	3.5
Valid	1345	88.5	202	91.0	117	95.1	2897	91.6	152	93.8	34	89.5	40	85.1	4787	90.7
Unk if CDL req.	16	1.1	1	0.5	0	0.0	20	0.6	0	0.0	0	0.0	0	0.0	37	0.7
Unknown	42	2.8	7	3.2	3	2.4	182	5.8	6	3.7	3	7.9	4	8.5	247	4.7
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-15
Fatal Truck Involvements by CDL License Status and Truck Configuration
TIFA 2000

CDL license status	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
No CDL	520	34.2	73	32.9	2	1.6	28	0.9	1	0.6	6	15.8	22	46.8	652	12.4
Suspended	17	1.1	1	0.5	2	1.6	20	0.6	1	0.6	0	0.0	0	0.0	41	0.8
Revoked	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Expired	9	0.6	0	0.0	0	0.0	15	0.5	0	0.0	0	0.0	0	0.0	24	0.5
Cancelled/denied	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Disqualified	3	0.2	0	0.0	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	6	0.1
Valid	916	60.3	138	62.2	116	94.3	2899	91.6	153	94.4	29	76.3	21	44.7	4272	81.0
Learner's permit	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Other-not valid	6	0.4	3	1.4	0	0.0	11	0.3	1	0.6	0	0.0	0	0.0	21	0.4
Unknown	44	2.9	7	3.2	3	2.4	186	5.9	6	3.7	3	7.9	4	8.5	253	4.8
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Table 4-16
Fatal Truck Involvements by License Endorsements and Truck Configuration
TIFA 2000

License endorsements	Strt truck		Strt/1trailer		Bobtail		Trac/1 semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
No endorsements	1185	78.0	180	81.1	90	73.2	1863	58.9	34	21.0	26	68.4	35	74.5	3413	64.7
Complied	149	9.8	19	8.6	14	11.4	579	18.3	89	54.9	7	18.4	1	2.1	858	16.3
Not complied	8	0.5	1	0.5	0	0.0	7	0.2	1	0.6	0	0.0	0	0.0	17	0.3
Compliance unk	84	5.5	10	4.5	8	6.5	367	11.6	29	17.9	2	5.3	3	6.4	503	9.5
Unknown	93	6.1	12	5.4	11	8.9	348	11.0	9	5.6	3	7.9	8	17.0	484	9.2
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

**Table 4-17
Fatal Truck Involvements by Driver-Related Factors and Truck Configuration
TIFA 2000**

Driver-related factors	Strt truck		Strt/1trailer		Bobtail		Trac/1semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
None	901	59.3	133	59.9	77	62.6	2074	65.5	106	65.4	19	50.0	32	68.1	3342	63.4
<i>Physical/mental cond.</i>																
Drowsy, asleep	24	1.6	5	2.3	1	0.8	74	2.3	5	3.1	0	0.0	0	0.0	109	2.1
Ill, passed out, blackout	10	0.7	1	0.5	1	0.8	8	0.3	1	0.6	0	0.0	0	0.0	21	0.4
Depressed, angry	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Reaction to drugs	0	0.0	1	0.5	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	5	0.1
Inattentive	101	6.6	8	3.6	5	4.1	159	5.0	7	4.3	4	10.5	0	0.0	284	5.4
Restricted to wheelchair	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Other impairment	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
<i>Miscellaneous causes</i>																
Ran off road	109	7.2	8	3.6	10	8.1	220	7.0	13	8.0	1	2.6	1	2.1	362	6.9
Invalid license	3	0.2	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	4	0.1
Vehicle unattended	11	0.7	3	1.4	0	0.0	18	0.6	0	0.0	1	2.6	0	0.0	33	0.6
Improper loading	4	0.3	5	2.3	0	0.0	24	0.8	1	0.6	0	0.0	0	0.0	34	0.6
Improper towing	0	0.0	2	0.9	0	0.0	1	0.0	0	0.0	0	0.0	1	2.1	4	0.1
Improper lights	0	0.0	2	0.9	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	3	0.1
W/O req equipment	10	0.7	5	2.3	0	0.0	13	0.4	4	2.5	0	0.0	0	0.0	32	0.6
Improper tailing	21	1.4	3	1.4	4	3.3	65	2.1	5	3.1	0	0.0	2	4.3	100	1.9
Improper lane change	9	0.6	3	1.4	1	0.8	18	0.6	1	0.6	1	2.6	0	0.0	33	0.6
Failure to stay in lane	86	5.7	15	6.8	7	5.7	150	4.7	12	7.4	2	5.3	1	2.1	273	5.2
Driving on shoulder	2	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	3	0.1
Improper entry/exit	0	0.0	0	0.0	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0	5	0.1
Improper start/back	16	1.1	0	0.0	0	0.0	10	0.3	0	0.0	0	0.0	0	0.0	26	0.5
Prohibited passing	1	0.1	0	0.0	0	0.0	6	0.2	0	0.0	0	0.0	0	0.0	7	0.1
Passing-wrong side	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Passing-insufficient dist	7	0.5	1	0.5	2	1.6	10	0.3	1	0.6	1	2.6	0	0.0	22	0.4
Erratic/reckless	42	2.8	5	2.3	2	1.6	68	2.1	2	1.2	0	0.0	2	4.3	121	2.3
High speed chase	2	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Failure to yield	81	5.3	11	5.0	7	5.7	113	3.6	3	1.9	2	5.3	3	6.4	220	4.2
Failure to obey signs	61	4.0	6	2.7	6	4.9	67	2.1	2	1.2	1	2.6	1	2.1	144	2.7
Fail to observe warning	1	0.1	0	0.0	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	5	0.1
Failure to signal	4	0.3	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	5	0.1
Driving too fast	103	6.8	18	8.1	12	9.8	245	7.7	18	11.1	3	7.9	4	8.5	403	7.6
Under minimum speed	0	0.0	1	0.5	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	5	0.1
Racing	0	0.0	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Other improper turn	21	1.4	2	0.9	1	0.8	37	1.2	4	2.5	0	0.0	0	0.0	65	1.2
Driving wrong way	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Wrong side of road	10	0.7	1	0.5	3	2.4	15	0.5	0	0.0	1	2.6	2	4.3	32	0.6
Operator inexperience	4	0.3	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	6	0.1
Unfamiliar w/roadway	2	0.1	0	0.0	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	5	0.1
Stopped in roadway	14	0.9	3	1.4	1	0.8	23	0.7	0	0.0	1	2.6	0	0.0	42	0.8
Low tire pressure	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Locked wheel	7	0.5	5	2.3	0	0.0	12	0.4	5	3.1	0	0.0	0	0.0	29	0.5
Over correcting	32	2.1	1	0.5	2	1.6	24	0.8	0	0.0	0	0.0	0	0.0	59	1.1
On/Off moving vehicle	2	0.1	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.1

(continued on next page)

Table 4-17 (continued)

Driver-related factors	Strt truck		Strt/1trailer		Bobtail		Trac/1semi		Trac/2 trlrs		Oth combs		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Vision obscured by</i>																
Inclement weather	6	0.4	1	0.5	0	0.0	47	1.5	2	1.2	0	0.0	0	0.0	56	1.1
Glare	5	0.3	0	0.0	0	0.0	4	0.1	1	0.6	0	0.0	0	0.0	10	0.2
Curve, hill, etc.	4	0.3	0	0.0	0	0.0	4	0.1	1	0.6	1	2.6	0	0.0	10	0.2
Building, billboard	1	0.1	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	3	0.1
Trees, crops, vegetation	2	0.1	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	4	0.1
Motor vehicle	2	0.1	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	4	0.1
Parked vehicle	2	0.1	0	0.0	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	5	0.1
Inadequate lighting system	0	0.0	2	0.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Obstructing angles	6	0.4	0	0.0	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	8	0.2
Improper windshield	1	0.1	0	0.0	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	2	0.0
Other obstruction	2	0.1	0	0.0	0	0.0	4	0.1	0	0.0	0	0.0	0	0.0	6	0.1
<i>Avoiding, swerving due to</i>																
Severe crosswind	3	0.2	0	0.0	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	6	0.1
Slippery surface	4	0.3	0	0.0	1	0.8	2	0.1	0	0.0	0	0.0	0	0.0	7	0.1
Tire blowout or flat	7	0.5	0	0.0	0	0.0	7	0.2	0	0.0	0	0.0	0	0.0	14	0.3
Debris in road	1	0.1	0	0.0	0	0.0	2	0.1	1	0.6	0	0.0	0	0.0	4	0.1
Live animal in road	2	0.1	1	0.5	0	0.0	5	0.2	0	0.0	2	5.3	0	0.0	10	0.2
Vehicle in road	16	1.1	1	0.5	1	0.8	29	0.9	3	1.9	0	0.0	0	0.0	50	0.9
Phantom vehicle	3	0.2	1	0.5	1	0.8	1	0.0	0	0.0	0	0.0	0	0.0	6	0.1
Pedestrian in road	0	0.0	0	0.0	0	0.0	8	0.3	0	0.0	0	0.0	0	0.0	8	0.2
Ice,water,snow on road	16	1.1	2	0.9	2	1.6	23	0.7	1	0.6	0	0.0	0	0.0	44	0.8
<i>Other misc. factors</i>																
Hauling haz. mat. improp.	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Hit and run driver	11	0.7	2	0.9	3	2.4	24	0.8	1	0.6	0	0.0	3	6.4	44	0.8
Homocide	28	1.8	4	1.8	1	0.8	60	1.9	4	2.5	0	0.0	0	0.0	97	1.8
Other nonmoving viol.	46	3.0	11	5.0	1	0.8	82	2.6	2	1.2	3	7.9	1	2.1	146	2.8
<i>Possible distractions</i>																
Cellular phone	6	0.4	1	0.5	2	1.6	7	0.2	1	0.6	1	2.6	0	0.0	18	0.3
2-way radio	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Unknown	80	5.3	4	1.8	4	3.3	128	4.0	20	12.3	4	10.5	0	0.0	240	4.5
Total	1519	100.0	222	100.0	123	100.0	3164	100.0	162	100.0	38	100.0	47	100.0	5275	100.0

Note: Since Driver-Related Factors is a multiple-response variable, more than one driver factor can be coded per driver. Percents are calculated based on total drivers, not total factors.

Straight trucks

This section provides descriptive statistics on straight trucks involved in a fatal traffic accident in 2000. All truck configurations in which the power unit was a straight truck are included in this section. A straight truck is a truck power unit with a permanently attached cargo body. Straight truck configurations include trucks pulling no trailers, trucks pulling a full or other trailer, and wreckers towing cars or other straight trucks.

- Truck configurations with a straight-truck power unit accounted for 33.3% of all trucks involved in a fatal traffic accident in 2000.
- 38.3% of straight trucks were Class 8 (over 33,000 lbs.) Gross Vehicle Weight Rating (GVWR), and 18.7% were Class 3 (10,001-14,000 lbs.).
- The lightest straight trucks involved in a fatal accident in 2000 weighed 5,000 pounds or less; the heaviest straight truck combination weighed over 120,000 pounds.
- 36.9% of straight trucks were empty at the time of the accident; while solids in bulk was the most frequent cargo type, accounting for 19.2%.
- 54.2% of straight truck configurations involved in a fatal traffic accident had two axles, 24.3% had three axles (including the trailer), and one straight truck combination had seven axles on the power unit and four axles on the trailer.
- 37.7% of straight trucks were operated by a private, intrastate carrier; 23.7% by a private, interstate carrier; and only 11.6% by a for-hire, interstate carrier.
- 66.3% of straight trucks were on a local trip (within 50 miles of base) at the time of the accident.
- 262 straight truck drivers were fatally injured in a traffic accident; 39.3% of the fatalities occurred in ran-off-road crashes.

Note: 445 straight trucks had “other” cargo bodies, bodies that did not fall into any named cargo body type. Most of these were utility bodies or some other working body type such as concrete mixers, cement pumps, or boom trucks.

Configuration

Table 5-1
Fatal Truck Involvements by Truck Configuration
TIFA 2000

Configuration	No.	Pct.
<i>Straight truck only</i>	1519	86.5
<i>Straight truck, 1 trailer</i>		
Straight + full trailer	47	2.7
Straight + other	127	7.2
Straight + other, gooseneck hitch	48	2.7
<i>Subtotal</i>	222	12.6
<i>Other straight combinations</i>		
Wrecker + tow	11	0.6
Wrecker towing other trailer	1	0.1
Straight + other, gooseneck hitch + other	1	0.1
Straight, unknown if pulling trailer	2	0.1
<i>Subtotal</i>	15	0.9
Total straight trucks	1756	100.0

Table 5-2
Fatal Truck Involvements by Cargo Body Style – Straight Trucks
TIFA 2000

Cargo body style	No.	Pct.
Van	345	19.6
Open top van	3	0.2
Refrigerated van	57	3.2
Livestock carrier	2	0.1
Flatbed	113	6.4
Flatbed with equipment	40	2.3
Flatbed with sides	52	3.0
Pole/logging	20	1.1
Tank:liquid/gas	92	5.2
Tank:dry bulk	3	0.2
Auto carrier	25	1.4
Dump	433	24.7
Hopper bottom	2	0.1
Garbage/refuse	112	6.4
Other	445	25.3
Unknown	12	0.7
Total	1756	100.0

Table 5-3
Fatal Truck Involvements by Gross Vehicle Weight Rating and Cargo Body Style – Straight Trucks
TIFA 2000

Gross vehicle weight rating (lbs)	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Class 3: 10,001-14,000	80	19.8	51	24.9	1	1.1	17	3.9	0	0.0	0	0.0	179	37.9	1	8.3	329	18.7
Class 4: 14,001-16,000	25	6.2	18	8.8	2	2.1	8	1.8	1	0.9	0	0.0	50	10.6	1	8.3	105	6.0
Class 5: 16,001-19,500	25	6.2	12	5.9	2	2.1	2	0.5	1	0.9	0	0.0	12	2.5	0	0.0	54	3.1
Class 6: 19,501-26,000	97	24.0	30	14.6	3	3.2	20	4.6	1	0.9	0	0.0	45	9.5	2	16.7	198	11.3
Class 7: 26,001-33,000	90	22.2	43	21.0	33	34.7	46	10.6	5	4.5	1	5.0	35	7.4	1	8.3	254	14.5
Class 8: 33,001 or more	21	5.2	34	16.6	46	48.4	322	74.0	101	90.2	15	75.0	128	27.1	5	41.7	672	38.3
Unknown	67	16.5	17	8.3	8	8.4	20	4.6	3	2.7	4	20.0	23	4.9	2	16.7	144	8.2
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.
 Gross Vehicle Weight Rating (GVWR) pertains to the power unit.

Table 5-4
Fatal Truck Involvements by Gross Combination Weight and Cargo Body Style – Straight Trucks
TIFA 2000

Gross combination weight (lbs)	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<= 5,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	1.5	0	0.0	7	0.4
5,001-10,000	63	15.6	49	23.9	0	0.0	20	4.6	0	0.0	1	5.0	122	25.8	1	8.3	256	14.6
10,001-15,000	110	27.2	40	19.5	8	8.4	27	6.2	1	0.9	1	5.0	79	16.7	1	8.3	267	15.2
15,001-20,000	42	10.4	21	10.2	7	7.4	26	6.0	3	2.7	0	0.0	30	6.4	0	0.0	129	7.3
20,001-25,000	31	7.7	18	8.8	12	12.6	73	16.8	7	6.3	2	10.0	21	4.4	0	0.0	164	9.3
25,001-30,000	19	4.7	11	5.4	12	12.6	61	14.0	13	11.6	5	25.0	34	7.2	1	8.3	156	8.9
30,001-35,000	6	1.5	9	4.4	10	10.5	19	4.4	10	8.9	3	15.0	13	2.8	0	0.0	70	4.0
35,001-40,000	1	0.2	3	1.5	5	5.3	7	1.6	14	12.5	0	0.0	10	2.1	0	0.0	40	2.3
40,001-45,000	0	0.0	0	0.0	3	3.2	5	1.1	6	5.4	0	0.0	5	1.1	0	0.0	19	1.1
45,001-50,000	1	0.2	0	0.0	3	3.2	18	4.1	8	7.1	0	0.0	4	0.8	0	0.0	34	1.9
50,001-55,000	0	0.0	0	0.0	0	0.0	15	3.4	8	7.1	0	0.0	7	1.5	0	0.0	30	1.7
55,001-60,000	0	0.0	1	0.5	4	4.2	9	2.1	2	1.8	0	0.0	9	1.9	0	0.0	25	1.4
60,001-65,000	0	0.0	0	0.0	1	1.1	12	2.8	3	2.7	1	5.0	5	1.1	1	8.3	23	1.3
65,001-70,000	0	0.0	0	0.0	0	0.0	18	4.1	0	0.0	1	5.0	7	1.5	0	0.0	26	1.5
70,001-75,000	0	0.0	0	0.0	2	2.1	16	3.7	0	0.0	1	5.0	5	1.1	0	0.0	24	1.4
75,001-80,000	0	0.0	2	1.0	4	4.2	11	2.5	0	0.0	1	5.0	6	1.3	0	0.0	24	1.4
80,001-85,000	0	0.0	0	0.0	1	1.1	3	0.7	0	0.0	0	0.0	2	0.4	0	0.0	6	0.3
85,001-90,000	0	0.0	0	0.0	0	0.0	3	0.7	0	0.0	0	0.0	1	0.2	0	0.0	4	0.2
90,001-95,000	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
95,001-100,000	0	0.0	0	0.0	1	1.1	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	2	0.1
100,001-110,000	0	0.0	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
110,001-120,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
120,001-130,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.0	0	0.0	0	0.0	1	0.1
Unknown	132	32.6	51	24.9	21	22.1	90	20.7	37	33.0	3	15.0	105	22.2	8	66.7	447	25.5
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.

**Table 5-5
Fatal Truck Involvements by Cargo Type and Cargo Body Style – Straight Trucks
TIFA 2000**

Cargo type	Van		Open top van		Refrigerated van		Livestock carrier		Flatbed		Flatbed with equip.		Flatbed with sides		Pole/logging		Tank liquid/gas	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Empty	63	18.3	3	100.0	8	14.0	1	50.0	46	40.7	15	37.5	15	28.8	8	40.0	18	19.6
General freight	190	55.1	0	0.0	1	1.8	0	0.0	7	6.2	5	12.5	12	23.1	0	0.0	0	0.0
Household goods	27	7.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Building materials	8	2.3	0	0.0	0	0.0	0	0.0	10	8.8	1	2.5	1	1.9	0	0.0	0	0.0
Metal (coils, sheets)	2	0.6	0	0.0	0	0.0	0	0.0	7	6.2	0	0.0	1	1.9	0	0.0	0	0.0
Heavy machinery	0	0.0	0	0.0	0	0.0	0	0.0	7	6.2	1	2.5	1	1.9	0	0.0	0	0.0
Large objects	5	1.4	0	0.0	0	0.0	0	0.0	4	3.5	3	7.5	2	3.8	0	0.0	0	0.0
Motor vehicles	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Piggybk/towaway	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	10.0	0	0.0
Gases in bulk	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	12.0
Solids in bulk	7	2.0	0	0.0	0	0.0	0	0.0	6	5.3	1	2.5	5	9.6	0	0.0	0	0.0
Liquids in bulk	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	59	64.1
Logs/poles/lumber	1	0.3	0	0.0	0	0.0	0	0.0	6	5.3	1	2.5	2	3.8	9	45.0	0	0.0
Refrigerated foods	0	0.0	0	0.0	46	80.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mobile home	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Farm products	5	1.4	0	0.0	0	0.0	0	0.0	3	2.7	1	2.5	0	0.0	0	0.0	0	0.0
Live animals	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	12	3.5	0	0.0	0	0.0	0	0.0	13	11.5	12	30.0	12	23.1	1	5.0	4	4.3
Cargo, unk. type	4	1.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	0	0.0
Unknown	21	6.1	0	0.0	2	3.5	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0
Total	345	100.0	3	100.0	57	100.0	2	100.0	113	100.0	40	100.0	52	100.0	20	100.0	92	100.0

Table 5-5 (continued)

Cargo Type	Tank dry bulk		Auto carrier		Dump		Hopper bottom		Refuse		Other		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Empty	2	66.7	11	44.0	212	49.0	0	0.0	31	27.7	214	48.1	1	8.3	648	36.9
General freight	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	9	2.0	0	0.0	225	12.8
Household goods	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.4	0	0.0	29	1.7
Building materials	0	0.0	0	0.0	2	0.5	0	0.0	0	0.0	1	0.2	0	0.0	23	1.3
Metal (coils, sheets)	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	4	0.9	0	0.0	15	0.9
Heavy machinery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	10	0.6
Large objects	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0	2	0.4	0	0.0	17	1.0
Motor vehicles	0	0.0	12	48.0	0	0.0	0	0.0	0	0.0	17	3.8	1	8.3	31	1.8
Piggybk/towaway	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	0.9	0	0.0	6	0.3
Gases in bulk	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	0.6
Solids in bulk	1	33.3	1	4.0	188	43.4	2	100.0	77	68.8	49	11.0	1	8.3	338	19.2
Liquids in bulk	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	2.2	0	0.0	70	4.0
Logs/poles/lumber	0	0.0	0	0.0	4	0.9	0	0.0	0	0.0	0	0.0	0	0.0	23	1.3
Refrigerated foods	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	46	2.6
Mobile home	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
Farm products	0	0.0	0	0.0	7	1.6	0	0.0	0	0.0	4	0.9	1	8.3	21	1.2
Live animals	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.2	1	8.3	3	0.2
Other	0	0.0	0	0.0	4	0.9	0	0.0	0	0.0	118	26.5	2	16.7	178	10.1
Cargo, unk. type	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0	6	0.3
Unknown	0	0.0	1	4.0	13	3.0	0	0.0	3	2.7	9	2.0	5	41.7	55	3.1
Total	3	100.0	25	100.0	433	100.0	2	100.0	112	100.0	445	100.0	12	100.0	1756	100.0

Table 5-6
Fatal Truck Involvements by Axle Combinations – Straight Truck Configurations
TIFA 2000

Straight only Power unit axles*	Strt/ 1 trlr Trailer axles*	Total	
		No.	Pct.
2		943	54.2
3		393	22.6
4		130	7.5
5		32	1.8
6		11	0.6
7		2	0.1
2	1	30	1.7
2	2	92	5.3
2	3	18	1.0
3	1	1	0.1
3	2	59	3.4
3	3	2	0.1
3	4	2	0.1
4	2	4	0.2
4	3	4	0.2
4	4	5	0.3
7	4	1	0.1
Unknown		12	0.7
Total		1741	100.0

* Note: Axle counts include power unit axles plus lift axles not in use. Cases with unknown lift axles were counted as having 0 lift axles. The 15 other straight truck combinations were not included in this table.

Vehicle use

Table 5-7
Fatal Truck Involvements by Carrier Type and Cargo Body Style – Straight Trucks
TIFA 2000

Carrier type	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate private	126	31.1	69	33.7	32	33.7	51	11.7	27	24.1	2	10.0	106	22.5	3	25.0	416	23.7
Interstate for-hire	74	18.3	12	5.9	13	13.7	40	9.2	4	3.6	3	15.0	57	12.1	0	0.0	203	11.6
Intrastate private	107	26.4	90	43.9	40	42.1	156	35.9	63	56.3	10	50.0	193	40.9	3	25.0	662	37.7
Intrastate for-hire	22	5.4	3	1.5	4	4.2	81	18.6	2	1.8	4	20.0	28	5.9	0	0.0	144	8.2
Government owned	4	1.0	5	2.4	2	2.1	65	14.9	8	7.1	0	0.0	18	3.8	1	8.3	103	5.9
Daily rental	41	10.1	0	0.0	0	0.0	1	0.2	1	0.9	0	0.0	1	0.2	0	0.0	44	2.5
Unknown	31	7.7	26	12.7	4	4.2	41	9.4	7	6.3	1	5.0	69	14.6	5	41.7	184	10.5
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.

**Table 5-8
Fatal Truck Involvements by Trip Type and Cargo Body Style – Straight Trucks
TIFA 2000**

Trip type	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Local	181	44.7	133	64.9	69	72.6	353	81.1	96	85.7	13	65.0	313	66.3	6	50.0	1164	66.3
51-100 miles	79	19.5	24	11.7	10	10.5	30	6.9	4	3.6	5	25.0	35	7.4	0	0.0	187	10.6
101-200	46	11.4	9	4.4	6	6.3	7	1.6	1	0.9	0	0.0	26	5.5	0	0.0	95	5.4
201-500	13	3.2	12	5.9	4	4.2	4	0.9	0	0.0	1	5.0	17	3.6	0	0.0	51	2.9
Over 500	14	3.5	4	2.0	0	0.0	0	0.0	0	0.0	0	0.0	10	2.1	0	0.0	28	1.6
Unk over-the-road dist	13	3.2	6	2.9	0	0.0	4	0.9	3	2.7	0	0.0	9	1.9	0	0.0	35	2.0
Unknown	59	14.6	17	8.3	6	6.3	37	8.5	8	7.1	1	5.0	62	13.1	6	50.0	196	11.2
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.

**Table 5-9
Fatal Truck Involvements by Route Signing and Cargo Body Style – Straight Trucks
TIFA 2000**

Route signing	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate	85	21.0	30	14.6	11	11.6	27	6.2	5	4.5	1	5.0	70	14.8	1	8.3	230	13.1
US highway	93	23.0	52	25.4	16	16.8	110	25.3	13	11.6	4	20.0	111	23.5	0	0.0	399	22.7
State highway	113	27.9	65	31.7	38	40.0	155	35.6	37	33.0	11	55.0	135	28.6	4	33.3	558	31.8
County road	33	8.1	29	14.1	20	21.1	78	17.9	20	17.9	3	15.0	67	14.2	3	25.0	253	14.4
Township	13	3.2	7	3.4	3	3.2	9	2.1	7	6.3	1	5.0	4	0.8	0	0.0	44	2.5
Municipality	57	14.1	12	5.9	4	4.2	33	7.6	28	25.0	0	0.0	47	10.0	3	25.0	184	10.5
Frontage road	0	0.0	0	0.0	0	0.0	3	0.7	0	0.0	0	0.0	1	0.2	0	0.0	4	0.2
Other	9	2.2	9	4.4	3	3.2	18	4.1	2	1.8	0	0.0	35	7.4	1	8.3	77	4.4
Unknown	2	0.5	1	0.5	0	0.0	2	0.5	0	0.0	0	0.0	2	0.4	0	0.0	7	0.4
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.

**Table 5-10
Fatal Truck Involvements by Land Use and Cargo Body Style – Straight Trucks
TIFA 2000**

Land use	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Urban	182	44.9	78	38.0	23	24.2	154	35.4	67	59.8	0	0.0	167	35.4	7	58.3	678	38.6
Rural	204	50.4	124	60.5	68	71.6	267	61.4	40	35.7	20	100.0	296	62.7	5	41.7	1024	58.3
Unknown	19	4.7	3	1.5	4	4.2	14	3.2	5	4.5	0	0.0	9	1.9	0	0.0	54	3.1
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.

Table 5-11
Fatal Truck Involvements by Light Condition and Cargo Body Style – Straight Trucks
TIFA 2000

Light condition	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Daylight	295	72.8	164	80.0	79	83.2	382	87.8	91	81.3	16	80.0	337	71.4	7	58.3	1371	78.1
Dark	57	14.1	24	11.7	10	10.5	30	6.9	10	8.9	2	10.0	85	18.0	0	0.0	218	12.4
Dark but lighted	37	9.1	6	2.9	4	4.2	10	2.3	8	7.1	0	0.0	30	6.4	4	33.3	99	5.6
Dawn	8	2.0	7	3.4	2	2.1	9	2.1	3	2.7	1	5.0	13	2.8	0	0.0	43	2.4
Dusk	8	2.0	4	2.0	0	0.0	4	0.9	0	0.0	1	5.0	7	1.5	1	8.3	25	1.4
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.

Accident description

Table 5-12
Fatal Truck Involvements by Accident Type and Driver Injury Severity – Straight Trucks
TIFA 2000

Accident type	Fatal injury (K)		Incapacitating (A)		Non-incapacitating (B)		Complaint of pain (C)		No injury (O)		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Single vehicle</i>														
Ran off road	103	39.3	7	6.0	6	2.8	2	0.9	5	0.6	4	11.1	127	7.2
Hit object in road	19	7.3	1	0.9	1	0.5	6	2.8	142	15.6	6	16.7	175	10.0
<i>Same direction, same trafficway</i>														
Rearend, truck striking	33	12.6	6	5.1	5	2.3	14	6.4	31	3.4	2	5.6	91	5.2
Rearend, truck struck	4	1.5	4	3.4	12	5.6	29	13.3	106	11.7	11	30.6	166	9.5
Sideswipe, in other's lane	3	1.1	0	0.0	3	1.4	1	0.5	4	0.4	1	2.8	12	0.7
Sideswipe, in truck's lane	1	0.4	0	0.0	0	0.0	1	0.5	20	2.2	0	0.0	22	1.3
<i>Opposite direction, same trafficway</i>														
Head-on, in other's lane	7	2.7	8	6.8	8	3.7	4	1.8	19	2.1	0	0.0	46	2.6
Head-on, in truck's lane	5	1.9	29	24.8	50	23.3	39	17.9	79	8.7	2	5.6	204	11.6
Sideswipe, in other's lane	8	3.1	2	1.7	6	2.8	3	1.4	14	1.5	1	2.8	34	1.9
Sideswipe, in truck's lane	3	1.1	6	5.1	19	8.8	14	6.4	60	6.6	1	2.8	103	5.9
<i>Change trafficway, one vehicle turning</i>														
Truck turn across path	1	0.4	0	0.0	5	2.3	9	4.1	41	4.5	0	0.0	56	3.2
Other turn across path	8	3.1	6	5.1	18	8.4	31	14.2	79	8.7	1	2.8	143	8.1
<i>Intersecting paths, both going straight</i>														
Truck into side of other	5	1.9	21	17.9	33	15.3	31	14.2	107	11.8	0	0.0	197	11.2
Other into side of truck	7	2.7	4	3.4	15	7.0	9	4.1	25	2.8	1	2.8	61	3.5
<i>Other accident types</i>														
Truck backed into other	0	0.0	0	0.0	0	0.0	2	0.9	6	0.7	1	2.8	9	0.5
Other backed into truck	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
Untripped roll	26	9.9	2	1.7	3	1.4	1	0.5	2	0.2	0	0.0	34	1.9
Other	25	9.5	17	14.5	27	12.6	20	9.2	149	16.4	4	11.1	242	13.8
Unknown	3	1.1	4	3.4	4	1.9	2	0.9	19	2.1	1	2.8	33	1.9
Total	262	100.0	117	100.0	215	100.0	218	100.0	908	100.0	36	100.0	1756	100.0

Table 5-13
Fatal Truck Involvements by Manner of Collision and Cargo Body Style – Straight Trucks
TIFA 2000

Manner of collision	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Not applicable	88	21.7	45	22.0	28	29.5	70	16.1	50	44.6	4	20.0	113	23.9	4	33.3	402	22.9
Rear-end	91	22.5	42	20.5	6	6.3	80	18.4	14	12.5	1	5.0	70	14.8	3	25.0	307	17.5
Head-on	83	20.5	50	24.4	26	27.4	107	24.6	16	14.3	9	45.0	97	20.6	4	33.3	392	22.3
Angle	133	32.8	61	29.8	33	34.7	165	37.9	29	25.9	5	25.0	165	35.0	1	8.3	592	33.7
Sideswipe:same direction	5	1.2	4	2.0	1	1.1	6	1.4	1	0.9	0	0.0	13	2.8	0	0.0	30	1.7
Sideswipe:opp. direction	5	1.2	3	1.5	1	1.1	7	1.6	1	0.9	1	5.0	13	2.8	0	0.0	31	1.8
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	1	0.2	0	0.0	2	0.1
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.

Table 5-14
Fatal Truck Involvements by Driver Injury Severity and Cargo Body Style – Straight Trucks
TIFA 2000

Driver injury severity	Van		Flatbed		Tank		Dump		Refuse		Pole/logging		Other*		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Fatal injury (K)	57	14.1	37	18.0	30	31.6	46	10.6	13	11.6	4	20.0	73	15.5	2	16.7	262	14.9
Incapacitating (A)	38	9.4	15	7.3	3	3.2	25	5.7	5	4.5	2	10.0	28	5.9	1	8.3	117	6.7
Non-incapacitating (B)	57	14.1	26	12.7	10	10.5	59	13.6	9	8.0	0	0.0	53	11.2	1	8.3	215	12.2
Complaint of pain (C)	50	12.3	31	15.1	9	9.5	53	12.2	18	16.1	2	10.0	51	10.8	4	33.3	218	12.4
No injury (O)	191	47.2	93	45.4	41	43.2	246	56.6	66	58.9	12	60.0	256	54.2	3	25.0	908	51.7
Unknown	12	3.0	3	1.5	2	2.1	6	1.4	1	0.9	0	0.0	11	2.3	1	8.3	36	2.1
Total	405	100.0	205	100.0	95	100.0	435	100.0	112	100.0	20	100.0	472	100.0	12	100.0	1756	100.0

* Note: The Other category includes 25 auto carriers and two livestock carriers.

Table 5-15
Fatal Truck Involvements by Driver Injury Severity and Rollover, Fire, Ejection Status – Straight Trucks
TIFA 2000

Fire, rollover, and ejection	Fatal injury (K)		Incapacitating (A)		Non-incapacitating (B)		Complaint of pain (C)		No. injury (O)		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Rollover only	53	20.2	25	21.4	35	16.3	18	8.3	27	3.0	0	0.0	158	9.0
Fire only	13	5.0	3	2.6	3	1.4	4	1.8	6	0.7	0	0.0	29	1.7
Ejection only	29	11.1	2	1.7	3	1.4	0	0.0	1	0.1	0	0.0	35	2.0
Rollover and fire	5	1.9	2	1.7	1	0.5	1	0.5	0	0.0	1	2.8	10	0.6
Rollover & ejection	68	26.0	3	2.6	2	0.9	0	0.0	0	0.0	0	0.0	73	4.2
Fire and ejection	2	0.8	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0	3	0.2
Rollover, fire & eject	2	0.8	1	0.9	0	0.0	0	0.0	0	0.0	0	0.0	3	0.2
None	88	33.6	80	68.4	171	79.5	195	89.4	874	96.3	12	33.3	1420	80.9
Unknown	2	0.8	0	0.0	0	0.0	0	0.0	0	0.0	23	63.9	25	1.4
Total	262	100.0	117	100.0	215	100.0	218	100.0	908	100.0	36	100.0	1756	100.0

Tractors

This section provides descriptive statistics on tractor combinations involved in a fatal traffic accident in 2000. All truck configurations in which the power unit is a truck-tractor are included in this section. A tractor is a truck power unit with a fifth-wheel designed to pull semitrailers. Tractor configurations include tractors pulling no trailers (bobtail), tractors pulling one or more semitrailers, and other configurations with supplementary units such as jeeps that permit hauling very heavy loads or configurations in which the tractor towed other tractors by means of saddlemounts. Most tables cover all tractor combinations, but some are limited to tractor-semitrailers and some are limited to tractors with two trailers (doubles).

- Truck configurations in which the power unit was a tractor accounted for 3,472 of the 5,275 trucks (65.8%) involved in a fatal accident in 2000.
- 94.0% of the power units in tractor combinations were Class 8 (over 33,000 lbs.) Gross Vehicle Weight Rating (GVWR).
- The three lightest tractor configurations weighed 10,000 pounds or less, and were bobtail tractors; the four heaviest tractor configurations were doubles with a loaded weight over 150,000 pounds.
- 71.8% of tractor combinations weighed between 25,001 and 80,000 pounds.
- 27.2% of tractor combinations were empty at the time of the accident; while the most common cargo was general freight with 26.6% of tractor involvements.
- 88.6% of tractor-semitrailer configurations consisted of a three-axle tractor pulling a two-axle trailer. 62.3% of doubles (two trailers) consisted of a two-axle tractor with a one-axle first trailer and a two-axle second trailer.
- 68.8% of tractor combinations were operated by for-hire, interstate carriers; 15.1% of tractors were operated by private, interstate carriers.
- 19.0% of tractor combinations were on a local trip (within 50 miles of base) at the time of the accident; 19.8% were on a trip over 500 miles.
- 449 tractor drivers were fatally injured in a traffic accident; 48.1% of the fatalities occurred in ran-off-road crashes.

Configuration

Table 6-1
Fatal Truck Involvements by Tractor Configuration
TIFA 2000

Configuration	No.	Pct.
<i>Tractor, no trailers</i>		
Bobtail tractor	110	3.2
Tractor carrying cargo	13	0.4
<i>Subtotal</i>	123	3.5
<i>Tractor, 1 trailer</i>		
Tractor and semitrailer	3164	91.1
Tractor + other	15	0.4
Tractor + semitrailer + A dolly	2	0.1
Tractor + full trailer	1	0.0
<i>Subtotal</i>	3182	91.6
<i>Tractor, 2 trailers</i>		
Double with A dolly	86	2.5
Double, B train	7	0.2
Tractor + semitrailer + full trailer	66	1.9
Tractor + semitrailer + other trailer	1	0.0
Tractor + semitrailer + unknown trailer	2	0.1
<i>Subtotal</i>	162	4.7
<i>Tractor, 3 trailers</i>		
Triple with A dollies	2	0.1
<i>Subtotal</i>	2	0.1
<i>Other tractor combinations</i>		
Tractor + jeep + semi + jeep	2	0.1
Tractor + 1 saddlemount tractor	1	0.0
<i>Subtotal</i>	3	0.1
<i>Total tractors</i>	3472	100.0

Table 6-2
Fatal Truck Involvements by Cargo Body Style and Truck Configuration – Tractor Combinations
TIFA 2000

Cargo body style	Tractor, no trailers		Tractor, 1 trailer		Tractor, 2 trailers		Tractor, 3 trailers		Other tractor combinations		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Tractor/no trailers	123	100.0	0	0.0	0	0.0	0	0.0	0	0.0	123	3.5
Van	0	0.0	1228	38.6	82	50.6	2	100.0	0	0.0	1312	37.8
Open top van	0	0.0	55	1.7	2	1.2	0	0.0	0	0.0	57	1.6
Refrigerated van	0	0.0	452	14.2	2	1.2	0	0.0	0	0.0	454	13.1
Livestock carrier	0	0.0	47	1.5	1	0.6	0	0.0	0	0.0	48	1.4
Flatbed	0	0.0	450	14.1	22	13.6	0	0.0	0	0.0	472	13.6
Lowboy	0	0.0	48	1.5	1	0.6	0	0.0	2	66.7	51	1.5
Flatbed with equip.	0	0.0	7	0.2	3	1.9	0	0.0	0	0.0	10	0.3
Flatbed with sides	0	0.0	34	1.1	3	1.9	0	0.0	0	0.0	37	1.1
Pole/logging	0	0.0	119	3.7	3	1.9	0	0.0	0	0.0	122	3.5
Tank:liquid/gaseous	0	0.0	240	7.5	6	3.7	0	0.0	0	0.0	246	7.1
Tank:dry bulk	0	0.0	51	1.6	3	1.9	0	0.0	0	0.0	54	1.6
Auto carrier	0	0.0	9	0.3	0	0.0	0	0.0	0	0.0	9	0.3
Dump	0	0.0	257	8.1	11	6.8	0	0.0	0	0.0	268	7.7
Hopper bottom	0	0.0	92	2.9	19	11.7	0	0.0	0	0.0	111	3.2
Refuse	0	0.0	10	0.3	0	0.0	0	0.0	0	0.0	10	0.3
Other	0	0.0	50	1.6	2	1.2	0	0.0	1	33.3	53	1.5
Unknown	0	0.0	33	1.0	2	1.2	0	0.0	0	0.0	35	1.0
Total	123	100.0	3182	100.0	162	100.0	2	100.0	3	100.0	3472	100.0

Table 6-3
Fatal Truck Involvements by Cargo Type and Truck Configuration – Tractor Combinations
TIFA 2000

Cargo type	Tractor, no trailers		Tractor, 1 trailer		Tractor, 2 trailers		Tractor, 3 trailers		Other tractor combinations		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Empty/bobtail	110	89.4	801	25.2	34	21.0	0	0.0	1	33.3	946	27.2
General freight	0	0.0	851	26.7	71	43.8	2	100.0	0	0.0	924	26.6
Household goods	0	0.0	19	0.6	0	0.0	0	0.0	0	0.0	19	0.5
Building materials	0	0.0	51	1.6	3	1.9	0	0.0	0	0.0	54	1.6
Metal (coils, sheets)	0	0.0	124	3.9	0	0.0	0	0.0	0	0.0	124	3.6
Heavy machinery	0	0.0	59	1.9	0	0.0	0	0.0	1	33.3	60	1.7
Large objects	0	0.0	54	1.7	4	2.5	0	0.0	0	0.0	58	1.7
Motor vehicles	0	0.0	16	0.5	0	0.0	0	0.0	0	0.0	16	0.5
Piggyback/towaway	13	10.6	0	0.0	0	0.0	0	0.0	0	0.0	13	0.4
Gases in bulk	0	0.0	12	0.4	1	0.6	0	0.0	0	0.0	13	0.4
Solids in bulk	0	0.0	328	10.3	21	13.0	0	0.0	0	0.0	349	10.1
Liquids in bulk	0	0.0	151	4.7	5	3.1	0	0.0	0	0.0	156	4.5
Explosives	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Logs/poles/lumber	0	0.0	173	5.4	8	4.9	0	0.0	0	0.0	181	5.2
Refrigerated foods	0	0.0	300	9.4	0	0.0	0	0.0	0	0.0	300	8.6
Mobile home	0	0.0	9	0.3	0	0.0	0	0.0	0	0.0	9	0.3
Farm products	0	0.0	53	1.7	10	6.2	0	0.0	0	0.0	63	1.8
Live animals	0	0.0	38	1.2	1	0.6	0	0.0	0	0.0	39	1.1
Other	0	0.0	8	0.3	0	0.0	0	0.0	0	0.0	8	0.2
Cargo, unk. type	0	0.0	33	1.0	1	0.6	0	0.0	0	0.0	34	1.0
Saddlemount tractor	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	1	0.0
Unknown	0	0.0	101	3.2	3	1.9	0	0.0	0	0.0	104	3.0
Total	123	100.0	3182	100.0	162	100.0	2	100.0	3	100.0	3472	100.0

Table 6-4
Fatal Truck Involvements by Cargo Type and Cargo Body Style – Tractor Combinations
TIFA 2000

Cargo type	Tractor/ no trailers		Van		Open top van		Refrigerated van		Livestock carrier		Flatbed		Lowboy		Flatbed with equipment		Flatbed with sides		Pole/logging	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Empty/bobtail	110	89.4	265	20.2	18	31.6	68	15.0	17	35.4	124	26.3	20	39.2	1	10.0	8	21.6	34	27.9
General freight	0	0.0	827	63.0	1	1.8	66	14.5	1	2.1	28	5.9	0	0.0	0	0.0	1	2.7	0	0.0
Household goods	0	0.0	17	1.3	0	0.0	0	0.0	1	2.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Building materials	0	0.0	14	1.1	0	0.0	1	0.2	0	0.0	34	7.2	0	0.0	2	20.0	3	8.1	0	0.0
Metal (coils, sheets)	0	0.0	18	1.4	1	1.8	1	0.2	0	0.0	85	18.0	0	0.0	1	10.0	17	45.9	1	0.8
Heavy machinery	0	0.0	2	0.2	0	0.0	0	0.0	0	0.0	34	7.2	23	45.1	1	10.0	0	0.0	0	0.0
Large objects	0	0.0	10	0.8	0	0.0	1	0.2	0	0.0	41	8.7	1	2.0	1	10.0	0	0.0	0	0.0
Motor vehicles	0	0.0	2	0.2	0	0.0	0	0.0	0	0.0	1	0.2	4	7.8	0	0.0	0	0.0	0	0.0
Piggyback/towaway	13	10.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Gases in bulk	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Solids in bulk	0	0.0	49	3.7	27	47.4	12	2.6	0	0.0	8	1.7	1	2.0	0	0.0	2	5.4	0	0.0
Liquids in bulk	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Explosives	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Logs/poles/lumber	0	0.0	8	0.6	2	3.5	1	0.2	0	0.0	80	16.9	1	2.0	0	0.0	1	2.7	87	71.3
Refrigerated foods	0	0.0	5	0.4	1	1.8	293	64.5	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0
Mobile home	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Farm products	0	0.0	9	0.7	7	12.3	4	0.9	0	0.0	15	3.2	0	0.0	4	40.0	2	5.4	0	0.0
Live animals	0	0.0	0	0.0	0	0.0	0	0.0	29	60.4	6	1.3	0	0.0	0	0.0	2	5.4	0	0.0
Other	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	1.1	0	0.0	0	0.0	1	2.7	0	0.0
Cargo, unk. type	0	0.0	25	1.9	0	0.0	2	0.4	0	0.0	5	1.1	0	0.0	0	0.0	0	0.0	0	0.0
Saddlemount tractor	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	60	4.6	0	0.0	5	1.1	0	0.0	5	1.1	1	2.0	0	0.0	0	0.0	0	0.0
Total	123	100.0	1312	100.0	57	100.0	454	100.0	48	100.0	472	100.0	51	100.0	10	100.0	37	100.0	122	100.0

Table 6-4 (continued)

Cargo type	Tank liquid/gas		Tank dry bulk		Auto carrier		Dump		Hopper bottom		Refuse		Other		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Empty/bobtail	76	30.9	18	33.3	1	11.1	107	39.9	42	37.8	6	60.0	25	47.2	6	17.1	946	27.2
General freight	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	924	26.6
Household goods	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	19	0.5
Building materials	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	54	1.6
Metal (coils, sheets)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	124	3.6
Heavy machinery	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	60	1.7
Large objects	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	7.5	0	0.0	58	1.7
Motor vehicles	0	0.0	0	0.0	8	88.9	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	16	0.5
Piggyback/towaway	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	0.4
Gases in bulk	13	5.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	0.4
Solids in bulk	0	0.0	34	63.0	0	0.0	152	56.7	56	50.5	3	30.0	3	5.7	2	5.7	349	10.1
Liquids in bulk	156	63.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	156	4.5
Explosives	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Logs/poles/lumber	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	181	5.2
Refrigerated foods	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	300	8.6
Mobile home	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	17.0	0	0.0	9	0.3
Farm products	0	0.0	0	0.0	0	0.0	5	1.9	12	10.8	0	0.0	4	7.5	1	2.9	63	1.8
Live animals	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9	1	2.9	39	1.1
Other	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.8	0	0.0	8	0.2
Cargo, unk. type	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9	34	1.0
Saddlemount tractor	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	1	0.0
Unknown	0	0.0	2	3.7	0	0.0	4	1.5	1	0.9	1	10.0	1	1.9	24	68.6	104	3.0
Total	246	100.0	54	100.0	9	100.0	268	100.0	111	100.0	10	100.0	53	100.0	35	100.0	3472	100.0

**Table 6-5
Fatal Truck Involvements by Cargo Type and Cargo Body Style Groups – Tractor Combinations
TIFA 2000**

Cargo type	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Empty/bobtail	351	19.3	153	26.8	94	31.3	149	39.3	17	35.4	34	27.9	32	44.4	116	73.4	946	27.2
General freight	894	49.0	29	5.1	0	0.0	0	0.0	1	2.1	0	0.0	0	0.0	0	0.0	924	26.6
Household goods	17	0.9	0	0.0	0	0.0	0	0.0	1	2.1	0	0.0	1	1.4	0	0.0	19	0.5
Building materials	15	0.8	39	6.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	54	1.6
Metal (coils, sheets)	20	1.1	103	18.1	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0	0	0.0	124	3.6
Heavy machinery	2	0.1	58	10.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	60	1.7
Large objects	11	0.6	43	7.5	0	0.0	0	0.0	0	0.0	0	0.0	4	5.6	0	0.0	58	1.7
Motor vehicles	2	0.1	5	0.9	0	0.0	0	0.0	0	0.0	0	0.0	9	12.5	0	0.0	16	0.5
Piggyback/towaway	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	8.2	13	0.4
Gases in bulk	0	0.0	0	0.0	13	4.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	0.4
Solids in bulk	88	4.8	11	1.9	34	11.3	208	54.9	0	0.0	0	0.0	6	8.3	2	1.3	349	10.1
Liquids in bulk	0	0.0	0	0.0	156	52.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	156	4.5
Explosives	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Logs/poles/lumber	11	0.6	82	14.4	0	0.0	0	0.0	0	0.0	87	71.3	1	1.4	0	0.0	181	5.2
Refrigerated foods	299	16.4	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	300	8.6
Mobile home	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	12.5	0	0.0	9	0.3
Farm products	20	1.1	21	3.7	0	0.0	17	4.5	0	0.0	0	0.0	4	5.6	1	0.6	63	1.8
Live animals	0	0.0	8	1.4	0	0.0	0	0.0	29	60.4	0	0.0	1	1.4	1	0.6	39	1.1
Other	0	0.0	6	1.1	0	0.0	0	0.0	0	0.0	0	0.0	2	2.8	0	0.0	8	0.2
Cargo, unk. type	27	1.5	5	0.9	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	34	1.0
Saddlemount tractor	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.4	0	0.0	1	0.0
Unknown	65	3.6	6	1.1	2	0.7	5	1.3	0	0.0	0	0.0	2	2.8	24	15.2	104	3.0
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks.

**Table 6-6
Fatal Truck Involvements by Gross Vehicle Weight Rating and Truck Configuration – Tractor Combinations
TIFA 2000**

Gross vehicle weight rating (lbs)	Tractor, no trailers		Tractor, 1 trailer		Tractor, 2 trailers		Tractor, 3 trailers		Other tractor combs		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Class 4: 14,001-16,000	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Class 5: 16,001-19,500	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Class 6: 19,501-26,000	0	0.0	5	0.2	0	0.0	0	0.0	0	0.0	5	0.1
Class 7: 26,001-33,000	7	5.7	85	2.7	46	28.4	1	50.0	0	0.0	139	4.0
Class 8: 33,001+	116	94.3	3043	95.6	99	61.1	1	50.0	3	100.0	3262	94.0
Unknown	0	0.0	47	1.5	17	10.5	0	0.0	0	0.0	64	1.8
Total	123	100.0	3182	100.0	162	100.0	2	100.0	3	100.0	3472	100.0

Note: Gross Vehicle Weight Rating (GVWR) pertains to the power unit.

Table 6-7
Fatal Truck Involvements by Gross Vehicle Weight Rating and Cargo Body Style – Tractor Combinations
TIFA 2000

Gross vehicle weight rating (lbs)	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Class 4: 14,001-16,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.4	0	0.0	1	0.0
Class 5: 16,001-19,500	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.4	0	0.0	1	0.0
Class 6: 19,501-26,000	1	0.1	1	0.2	0	0.0	0	0.0	1	2.1	0	0.0	2	2.8	0	0.0	5	0.1
Class 7: 26,001-33,000	91	5.0	19	3.3	5	1.7	8	2.1	1	2.1	0	0.0	7	9.7	8	5.1	139	4.0
Class 8: 33,001+	1693	92.9	540	94.7	295	98.3	365	96.3	45	93.8	122	100.0	61	84.7	141	89.2	3262	94.0
Unknown	38	2.1	10	1.8	0	0.0	6	1.6	1	2.1	0	0.0	0	0.0	9	5.7	64	1.8
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks. Gross Vehicle Weight Rating (GVWR) pertains to the power unit.

Table 6-8
Fatal Truck Involvements by Gross Combination Weight and Truck Configuration – Tractor Combinations
TIFA 2000

Gross combination weight (lbs)	Tractor, no trailers		Tractor, 1 trailer		Tractor, 2 trailers		Tractor, 3 trailers		Other tractor combs		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
5,001-10,000	3	2.4	0	0.0	0	0.0	0	0.0	0	0.0	3	0.1
10,001-15,000	13	10.6	1	0.0	0	0.0	0	0.0	0	0.0	14	0.4
15,001-20,000	92	74.8	10	0.3	0	0.0	0	0.0	0	0.0	102	2.9
20,001-25,000	5	4.1	51	1.6	3	1.9	0	0.0	0	0.0	59	1.7
25,001-30,000	7	5.7	393	12.4	19	11.7	0	0.0	1	33.3	420	12.1
30,001-35,000	0	0.0	363	11.4	4	2.5	0	0.0	0	0.0	367	10.6
35,001-40,000	0	0.0	117	3.7	9	5.6	0	0.0	0	0.0	126	3.6
40,001-45,000	0	0.0	114	3.6	3	1.9	0	0.0	0	0.0	117	3.4
45,001-50,000	0	0.0	112	3.5	9	5.6	0	0.0	0	0.0	121	3.5
50,001-55,000	0	0.0	96	3.0	12	7.4	0	0.0	0	0.0	108	3.1
55,001-60,000	0	0.0	96	3.0	8	4.9	0	0.0	0	0.0	104	3.0
60,001-65,000	0	0.0	92	2.9	11	6.8	0	0.0	0	0.0	103	3.0
65,001-70,000	0	0.0	186	5.8	8	4.9	0	0.0	0	0.0	194	5.6
70,001-75,000	0	0.0	363	11.4	9	5.6	0	0.0	0	0.0	372	10.7
75,001-80,000	0	0.0	535	16.8	10	6.2	0	0.0	1	33.3	546	15.7
80,001-85,000	0	0.0	51	1.6	1	0.6	0	0.0	0	0.0	52	1.5
85,001-90,000	0	0.0	28	0.9	2	1.2	0	0.0	0	0.0	30	0.9
90,001-95,000	0	0.0	8	0.3	1	0.6	0	0.0	0	0.0	9	0.3
95,001-100,000	0	0.0	12	0.4	3	1.9	0	0.0	0	0.0	15	0.4
100,001-110,000	0	0.0	9	0.3	12	7.4	0	0.0	0	0.0	21	0.6
110,001-120,000	0	0.0	6	0.2	0	0.0	0	0.0	0	0.0	6	0.2
120,001-130,000	0	0.0	2	0.1	5	3.1	0	0.0	0	0.0	7	0.2
130,001-140,000	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
140,001-150,000	0	0.0	1	0.0	1	0.6	0	0.0	0	0.0	2	0.1
150,001-160,000	0	0.0	0	0.0	4	2.5	0	0.0	0	0.0	4	0.1
Unknown	3	2.4	535	16.8	28	17.3	2	100.0	1	33.3	569	16.4
Total	123	100.0	3182	100.0	162	100.0	2	100.0	3	100.0	3472	100.0

**Table 6-9
Fatal Truck Involvements by Gross Combination Weight and Cargo Body Style – TRACTOR-SEMITRAILERS
TIFA 2000**

Gross combination weight (lbs)	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
15,001-20,000	5	0.3	2	0.4	0	0.0	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0	8	0.3
20,001-25,000	18	1.0	4	0.7	7	2.4	12	3.4	0	0.0	6	5.0	2	3.6	0	0.0	49	1.5
25,001-30,000	155	8.9	82	15.3	53	18.3	65	18.6	9	19.1	19	16.0	10	17.9	0	0.0	393	12.4
30,001-35,000	216	12.5	49	9.1	21	7.2	53	15.2	9	19.1	2	1.7	13	23.2	0	0.0	363	11.5
35,001-40,000	84	4.8	16	3.0	5	1.7	4	1.1	0	0.0	0	0.0	6	10.7	0	0.0	115	3.6
40,001-45,000	85	4.9	19	3.5	1	0.3	3	0.9	0	0.0	1	0.8	3	5.4	0	0.0	112	3.5
45,001-50,000	82	4.7	17	3.2	3	1.0	3	0.9	3	6.4	1	0.8	1	1.8	0	0.0	110	3.5
50,001-55,000	78	4.5	10	1.9	1	0.3	3	0.9	1	2.1	1	0.8	2	3.6	0	0.0	96	3.0
55,001-60,000	60	3.5	23	4.3	3	1.0	4	1.1	1	2.1	2	1.7	3	5.4	0	0.0	96	3.0
60,001-65,000	57	3.3	21	3.9	2	0.7	6	1.7	4	8.5	2	1.7	0	0.0	0	0.0	92	2.9
65,001-70,000	127	7.3	32	6.0	11	3.8	10	2.9	0	0.0	5	4.2	1	1.8	0	0.0	186	5.9
70,001-75,000	222	12.8	75	14.0	17	5.9	30	8.6	3	6.4	12	10.1	3	5.4	1	3.0	363	11.5
75,001-80,000	209	12.1	89	16.6	114	39.3	86	24.6	10	21.3	25	21.0	1	1.8	1	3.0	535	16.9
80,001-85,000	6	0.3	8	1.5	9	3.1	17	4.9	1	2.1	8	6.7	2	3.6	0	0.0	51	1.6
85,001-90,000	5	0.3	5	0.9	3	1.0	10	2.9	0	0.0	5	4.2	0	0.0	0	0.0	28	0.9
90,001-95,000	1	0.1	6	1.1	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0	0	0.0	8	0.3
95,001-100,000	2	0.1	3	0.6	2	0.7	3	0.9	0	0.0	2	1.7	0	0.0	0	0.0	12	0.4
100,001-110,000	0	0.0	4	0.7	0	0.0	3	0.9	0	0.0	2	1.7	0	0.0	0	0.0	9	0.3
110,001-120,000	0	0.0	1	0.2	1	0.3	1	0.3	0	0.0	1	0.8	2	3.6	0	0.0	6	0.2
120,001-130,000	0	0.0	0	0.0	1	0.3	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0	2	0.1
130,001-140,000	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Unknown	321	18.5	70	13.0	36	12.4	35	10.0	6	12.8	24	20.2	6	10.7	31	93.9	529	16.7
Total	1733	100.0	537	100.0	290	100.0	349	100.0	47	100.0	119	100.0	56	100.0	33	100.0	3164	100.0

Table 6-10
Fatal Truck Involvements by Gross Combination Weight and Cargo Body Style – DOUBLES
TIFA 2000

Gross combination weight (lbs)	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
20,001-25,000	0	0.0	3	10.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	1.9
25,001-30,000	4	4.7	6	20.7	0	0.0	7	23.3	0	0.0	0	0.0	1	50.0	1	50.0	19	11.7
30,001-35,000	4	4.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	2.5
35,001-40,000	3	3.5	5	17.2	0	0.0	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0	9	5.6
40,001-45,000	3	3.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	1.9
45,001-50,000	5	5.8	2	6.9	0	0.0	2	6.7	0	0.0	0	0.0	0	0.0	0	0.0	9	5.6
50,001-55,000	11	12.8	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0	12	7.4
55,001-60,000	7	8.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	8	4.9
60,001-65,000	8	9.3	0	0.0	0	0.0	3	10.0	0	0.0	0	0.0	0	0.0	0	0.0	11	6.8
65,001-70,000	7	8.1	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	8	4.9
70,001-75,000	5	5.8	4	13.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	5.6
75,001-80,000	4	4.7	3	10.3	1	11.1	2	6.7	0	0.0	0	0.0	0	0.0	0	0.0	10	6.2
80,001-85,000	0	0.0	0	0.0	1	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6
85,001-90,000	0	0.0	0	0.0	1	11.1	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0	2	1.2
90,001-95,000	0	0.0	0	0.0	1	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6
95,001-100,000	0	0.0	2	6.9	0	0.0	1	3.3	0	0.0	0	0.0	0	0.0	0	0.0	3	1.9
100,001-110,000	1	1.2	2	6.9	4	44.4	3	10.0	0	0.0	2	66.7	0	0.0	0	0.0	12	7.4
110,001-120,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
120,001-130,000	0	0.0	1	3.4	0	0.0	4	13.3	0	0.0	0	0.0	0	0.0	0	0.0	5	3.1
130,001-140,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
140,001-150,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	1	0.6
150,001-160,000	0	0.0	0	0.0	0	0.0	4	13.3	0	0.0	0	0.0	0	0.0	0	0.0	4	2.5
Unknown	24	27.9	1	3.4	1	11.1	1	3.3	0	0.0	0	0.0	0	0.0	1	50.0	28	17.3
Total	86	100.0	29	100.0	9	100.0	30	100.0	1	100.0	3	100.0	2	100.0	2	100.0	162	100.0

**Table 6-11
Fatal Truck Involvements by Empty Combination Weight and Truck Configuration – Tractor Combinations
TIFA 2000**

Empty combination wt. (lbs)	Tractor, no trailers		Tractor, 1 trailer		Tractor, 2 trailers		Tractor, 3 trailers		Other tractor combs		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
5,001-10,000	3	2.4	1	0.0	0	0.0	0	0.0	0	0.0	4	0.1
10,001-15,000	15	12.2	7	0.2	0	0.0	0	0.0	1	33.3	23	0.7
15,001-20,000	100	81.3	39	1.2	0	0.0	0	0.0	0	0.0	139	4.0
20,001-25,000	3	2.4	141	4.4	13	8.0	0	0.0	0	0.0	157	4.5
25,001-30,000	0	0.0	1259	39.6	52	32.1	0	0.0	0	0.0	1311	37.8
30,001-35,000	0	0.0	1360	42.7	56	34.6	0	0.0	0	0.0	1416	40.8
35,001-40,000	0	0.0	160	5.0	19	11.7	1	50.0	0	0.0	180	5.2
40,001-45,000	0	0.0	19	0.6	6	3.7	1	50.0	0	0.0	26	0.7
45,001-50,000	0	0.0	6	0.2	8	4.9	0	0.0	0	0.0	14	0.4
50,001-55,000	0	0.0	3	0.1	4	2.5	0	0.0	0	0.0	7	0.2
55,001-60,000	0	0.0	3	0.1	0	0.0	0	0.0	0	0.0	3	0.1
60,001-65,000	0	0.0	2	0.1	1	0.6	0	0.0	0	0.0	3	0.1
65,001-70,000	0	0.0	1	0.0	0	0.0	0	0.0	0	0.0	1	0.0
70,001-75,000	0	0.0	2	0.1	0	0.0	0	0.0	0	0.0	2	0.1
75,001-80,000	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	1	0.0
Unknown	2	1.6	179	5.6	3	1.9	0	0.0	1	33.3	185	5.3
Total	123	100.0	3182	100.0	162	100.0	2	100.0	3	100.0	3472	100.0

**Table 6-12
Fatal Truck Involvements by Empty Combination Weight and Cargo Body Style – TRACTOR-SEMITRAILERS
TIFA 2000**

Empty combination wt. (lbs)	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
15,000 or less	0	0.0	0	0.0	0	0.0	0	0.0	1	2.1	0	0.0	1	1.8	0	0.0	2	0.1
15,001-20,000	24	1.4	4	0.7	1	0.3	0	0.0	0	0.0	0	0.0	2	3.6	0	0.0	31	1.0
20,001-25,000	61	3.5	13	2.4	16	5.5	27	7.7	0	0.0	18	15.1	4	7.1	1	3.0	140	4.4
25,001-30,000	512	29.5	323	60.1	166	57.2	144	41.3	21	44.7	75	63.0	17	30.4	0	0.0	1258	39.8
30,001-35,000	960	55.4	147	27.4	67	23.1	138	39.5	24	51.1	10	8.4	13	23.2	1	3.0	1360	43.0
35,001-40,000	96	5.5	16	3.0	16	5.5	23	6.6	0	0.0	2	1.7	6	10.7	0	0.0	159	5.0
40,001-45,000	4	0.2	6	1.1	3	1.0	4	1.1	0	0.0	1	0.8	1	1.8	0	0.0	19	0.6
45,001-50,000	0	0.0	3	0.6	1	0.3	1	0.3	0	0.0	0	0.0	1	1.8	0	0.0	6	0.2
50,001-55,000	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	2	3.6	0	0.0	3	0.1
55,001-60,000	0	0.0	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	2	3.6	0	0.0	3	0.1
60,001-65,000	0	0.0	1	0.2	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.1
65,001-70,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0	1	0.0
70,001-75,000	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0	2	0.1
Unknown	76	4.4	23	4.3	18	6.2	11	3.2	1	2.1	13	10.9	5	8.9	31	93.9	178	5.6
Total	1733	100.0	537	100.0	290	100.0	349	100.0	47	100.0	119	100.0	56	100.0	33	100.0	3164	100.0

Table 6-13
Fatal Truck Involvements by Empty Combination Weight and Cargo Body Style – DOUBLES
TIFA 2000

Empty combination wt. (lbs)	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
20,001-25,000	4	4.7	7	24.1	1	11.1	1	3.3	0.0	0.0	0	0.0	0	0.0	0.0	0.0	13	8.0
25,001-30,000	27	31.4	10	34.5	2	22.2	10	33.3	0.0	0.0	0	0.0	2	100.0	1.0	50.0	52	32.1
30,001-35,000	47	54.7	3	10.3	3	33.3	2	6.7	0.0	0.0	1	33.3	0	0.0	0.0	0.0	56	34.6
35,001-40,000	5	5.8	6	20.7	1	11.1	5	16.7	1.0	100.0	1	33.3	0	0.0	0.0	0.0	19	11.7
40,001-45,000	1	1.2	1	3.4	0	0.0	3	10.0	0.0	0.0	1	33.3	0	0.0	0.0	0.0	6	3.7
45,001-50,000	1	1.2	1	3.4	1	11.1	5	16.7	0.0	0.0	0	0.0	0	0.0	0.0	0.0	8	4.9
50,001-55,000	0	0.0	0	0.0	1	11.1	3	10.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	4	2.5
55,001-60,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0.0	0	0.0
60,001-65,000	0	0.0	0	0.0	0	0.0	1	3.3	0.0	0.0	0	0.0	0	0.0	0.0	0.0	1	0.6
Unknown	1	1.2	1	3.4	0	0.0	0	0.0	0.0	0.0	0	0.0	0	0.0	1.0	50.0	3	1.9
Total	86	100.0	29	100.0	9	100.0	30	100.0	1.0	100.0	3	100.0	2	100.0	2.0	100.0	162	100.0

Table 6-14A
Fatal Truck Involvements by Axle Combinations – Tractors, No Trailers
TIFA 2000

Power unit axles	No.	Pct.
2	11	8.9
3	111	90.2
4	1	0.8
Total	123	100.0

Note: Axle counts include power unit axles plus lift axles not in use. Cases with unknown lift axles were counted as having 0 lift axles.

Table 6-14B
Fatal Truck Involvements by Axle Combinations – TRACTOR-SEMITRAILERS, TIFA 2000

Power unit axles	1st trailer axles	No.	Pct.
2	1	54	1.7
2	2	109	3.4
2	3	3	0.1
3	1	10	0.3
3	2	2802	88.6
3	3	98	3.1
3	4	15	0.5
3	5	3	0.1
3	6	2	0.1
3	7	1	0.0
3	8	2	0.1
4	2	4	0.1
4	3	9	0.3
4	4	2	0.1
Unknown		50	1.6
Total		3164	100.0

Note: Axle counts include power unit axles plus lift axles not in use. Cases with unknown lift axles were counted as having 0 lift axles.

Table 6-14C
Fatal Truck Involvements by Axle Combinations – DOUBLES, TIFA 2000

Power unit axles	1st trailer axles	2nd trailer axles	No.	Pct.
2	1	1	2	1.2
2	1	2	101	62.3
2	2	2	2	1.2
3	1	2	17	10.5
3	1	3	1	0.6
3	2	2	11	6.8
3	2	3	5	3.1
3	2	4	2	1.2
3	3	2	2	1.2
3	3	4	2	1.2
3	3	5	6	3.7
3	4	1	1	0.6
3	4	3	2	1.2
3	4	4	1	0.6
3	5	3	1	0.6
3	5	4	1	0.6
4	2	1	1	0.6
4	2	2	2	1.2
Unknown			2	1.2
Total			162	100.0

Note: Axle counts include power unit axles plus lift axles not in use. Cases with unknown lift axles were counted as having 0 lift axles.

Vehicle use

Table 6-15
Fatal Truck Involvements by Carrier Type and Truck Configuration – Tractor Combinations
TIFA 2000

Carrier type	Tractor, no trailers		Tractor, 1 trailer		Tractor, 2 trailers		Tractor, 3 trailers		Other tractor combs		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate private	13	10.6	496	15.6	16	9.9	0	0.0	0	0.0	525	15.1
Interstate for-hire	81	65.9	2195	69.0	106	65.4	2	100.0	3	100.0	2387	68.8
Intrastate private	10	8.1	189	5.9	16	9.9	0	0.0	0	0.0	215	6.2
Intrastate for-hire	7	5.7	187	5.9	22	13.6	0	0.0	0	0.0	216	6.2
Government owned	1	0.8	7	0.2	0	0.0	0	0.0	0	0.0	8	0.2
Daily rental	1	0.8	1	0.0	0	0.0	0	0.0	0	0.0	2	0.1
Unknown	10	8.1	107	3.4	2	1.2	0	0.0	0	0.0	119	3.4
Total	123	100.0	3182	100.0	162	100.0	2	100.0	3	100.0	3472	100.0

Table 6-16
Fatal Truck Involvements by Carrier Type and Cargo Body Style – Tractor Combinations
TIFA 2000

Carrier type	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate private	229	12.6	108	18.9	74	24.7	48	12.7	5	10.4	19	15.6	26	36.1	16	10.1	525	15.1
Interstate for-hire	1470	80.6	370	64.9	179	59.7	168	44.3	40	83.3	43	35.2	25	34.7	92	58.2	2387	68.8
Intrastate private	38	2.1	43	7.5	30	10.0	63	16.6	1	2.1	21	17.2	8	11.1	11	7.0	215	6.2
Intrastate for-hire	42	2.3	34	6.0	11	3.7	83	21.9	1	2.1	29	23.8	8	11.1	8	5.1	216	6.2
Government owned	3	0.2	1	0.2	0	0.0	3	0.8	0	0.0	0	0.0	0	0.0	1	0.6	8	0.2
Daily rental	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	2	0.1
Unknown	40	2.2	14	2.5	6	2.0	14	3.7	1	2.1	10	8.2	5	6.9	29	18.4	119	3.4
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks.

Table 6-17
Fatal Truck Involvements by Trip Type and Cargo Body Style – Tractor Combinations
TIFA 2000

Trip type	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Local	177	9.7	91	16.0	71	23.7	184	48.5	1	2.1	62	50.8	15	20.8	57	36.1	658	19.0
51-100 miles	161	8.8	58	10.2	68	22.7	88	23.2	5	10.4	27	22.1	22	30.6	18	11.4	447	12.9
101-200	185	10.1	75	13.2	58	19.3	32	8.4	13	27.1	8	6.6	7	9.7	10	6.3	388	11.2
201-500	382	21.0	125	21.9	42	14.0	33	8.7	11	22.9	4	3.3	9	12.5	8	5.1	614	17.7
Over 500	531	29.1	114	20.0	21	7.0	3	0.8	12	25.0	0	0.0	5	6.9	5	3.2	691	19.9
Unk over-the-road dist	115	6.3	29	5.1	12	4.0	6	1.6	1	2.1	1	0.8	2	2.8	2	1.3	168	4.8
Unknown	272	14.9	78	13.7	28	9.3	33	8.7	5	10.4	20	16.4	12	16.7	58	36.7	506	14.6
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks.

**Table 6-18
Fatal Truck Involvements by Route Signing and Cargo Body Style – Tractor Combinations
TIFA 2000**

Route signing	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate	768	42.1	157	27.5	79	26.3	39	10.3	10	20.8	4	3.3	11	15.3	33	20.9	1101	31.7
US highway	471	25.8	179	31.4	82	27.3	120	31.7	22	45.8	42	34.4	18	25.0	49	31.0	983	28.3
State highway	401	22.0	152	26.7	104	34.7	141	37.2	10	20.8	56	45.9	30	41.7	39	24.7	933	26.9
County road	52	2.9	33	5.8	17	5.7	52	13.7	3	6.3	16	13.1	7	9.7	11	7.0	191	5.5
Township	14	0.8	6	1.1	1	0.3	1	0.3	1	2.1	1	0.8	0	0.0	1	0.6	25	0.7
Municipality	81	4.4	30	5.3	9	3.0	9	2.4	0	0.0	0	0.0	1	1.4	16	10.1	146	4.2
Frontage road	7	0.4	2	0.4	1	0.3	1	0.3	0	0.0	0	0.0	1	1.4	0	0.0	12	0.3
Other	22	1.2	11	1.9	6	2.0	14	3.7	2	4.2	3	2.5	3	4.2	6	3.8	67	1.9
Unknown	7	0.4	0	0.0	1	0.3	2	0.5	0	0.0	0	0.0	1	1.4	3	1.9	14	0.4
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks.

**Table 6-19
Fatal Truck Involvements by Land Use and Cargo Body Style – Tractor Combinations
TIFA 2000**

Land use	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Urban	556	30.5	148	26.0	76	25.3	77	20.3	2	4.2	16	13.1	11	15.3	56	35.4	942	27.1
Rural	1203	66.0	405	71.1	217	72.3	291	76.8	46	95.8	105	86.1	60	83.3	97	61.4	2424	69.8
Unknown	64	3.5	17	3.0	7	2.3	11	2.9	0	0.0	1	0.8	1	1.4	5	3.2	106	3.1
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks.

**Table 6-20
Fatal Truck Involvements by Light Condition and Cargo Body Style – Tractor Combinations
TIFA 2000**

Light condition	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Daylight	998	54.7	359	63.0	180	60.0	286	75.5	31	64.6	93	76.2	48	66.7	90	57.0	2085	60.1
Dark	557	30.6	136	23.9	91	30.3	63	16.6	14	29.2	20	16.4	19	26.4	47	29.7	947	27.3
Dark but lighted	208	11.4	49	8.6	22	7.3	16	4.2	1	2.1	2	1.6	3	4.2	20	12.7	321	9.2
Dawn	50	2.7	20	3.5	3	1.0	11	2.9	2	4.2	5	4.1	2	2.8	1	0.6	94	2.7
Dusk	10	0.5	6	1.1	4	1.3	3	0.8	0	0.0	2	1.6	0	0.0	0	0.0	25	0.7
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks.

Accident description

Table 6-21
Fatal Truck Involvements by Manner of Collision and Cargo Body Style – Tractor Combinations
TIFA 2000

Manner of collision	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Not applicable	373	20.5	111	19.5	87	29.0	61	16.1	10	20.8	20	16.4	9	12.5	32	20.3	703	20.2
Rear-end	430	23.6	111	19.5	45	15.0	56	14.8	7	14.6	19	15.6	18	25.0	32	20.3	718	20.7
Head-on	392	21.5	139	24.4	69	23.0	86	22.7	16	33.3	32	26.2	17	23.6	42	26.6	793	22.8
Rear to rear	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
Angle	514	28.2	170	29.8	79	26.3	163	43.0	14	29.2	46	37.7	24	33.3	41	25.9	1051	30.3
Sideswipe:same dir	65	3.6	19	3.3	13	4.3	5	1.3	1	2.1	1	0.8	2	2.8	5	3.2	111	3.2
Sideswipe:opp dir	44	2.4	15	2.6	5	1.7	8	2.1	0	0.0	4	3.3	2	2.8	5	3.2	83	2.4
Unknown	5	0.3	4	0.7	2	0.7	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	12	0.3
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks.

Table 6-22
Fatal Truck Involvements by Accident Type and Driver Injury Severity – Tractor Combinations
TIFA 2000

Accident type	Fatal injury (K)		Incapacitating (A)		Non-incapacitating (B)		Complaint of pain (C)		No injury (O)		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Single vehicle</i>														
Ran off road	216	48.1	11	7.5	20	6.0	3	0.9	11	0.5	0	0.0	261	7.5
Hit object in road	26	5.8	4	2.7	3	0.9	5	1.4	208	9.7	4	10.0	250	7.2
<i>Same direction, same trafficway</i>														
Rearend, truck striking	44	9.8	17	11.6	24	7.2	24	6.8	124	5.8	0	0.0	233	6.7
Rearend, truck struck	0	0.0	2	1.4	10	3.0	30	8.5	243	11.3	12	30.0	297	8.6
Sideswipe, in other's lane	5	1.1	0	0.0	1	0.3	2	0.6	19	0.9	0	0.0	27	0.8
Sideswipe, in truck's lane	2	0.4	1	0.7	5	1.5	6	1.7	97	4.5	0	0.0	111	3.2
<i>Opposite direction, same trafficway</i>														
Head-on, in other's lane	13	2.9	7	4.8	6	1.8	12	3.4	15	0.7	0	0.0	53	1.5
Head-on, in truck's lane	14	3.1	27	18.4	86	25.7	63	17.9	155	7.2	2	5.0	347	10.0
Sideswipe, in other's lane	8	1.8	2	1.4	5	1.5	4	1.1	12	0.6	0	0.0	31	0.9
Sideswipe, in truck's lane	2	0.4	4	2.7	24	7.2	27	7.7	198	9.2	1	2.5	256	7.4
<i>Change trafficway, one vehicle turning</i>														
Truck turn across path	2	0.4	2	1.4	4	1.2	4	1.1	105	4.9	2	5.0	119	3.4
Other turn across path	7	1.6	15	10.2	19	5.7	24	6.8	120	5.6	1	2.5	186	5.4
<i>Intersecting paths, both going straight</i>														
Truck into side of other	10	2.2	11	7.5	31	9.3	56	15.9	181	8.4	2	5.0	291	8.4
Other into side of truck	4	0.9	1	0.7	5	1.5	17	4.8	108	5.0	1	2.5	136	3.9
<i>Other accident types</i>														
Truck backed into other	0	0.0	0	0.0	0	0.0	0	0.0	14	0.7	3	7.5	17	0.5
Untripped roll	57	12.7	6	4.1	7	2.1	3	0.9	2	0.1	0	0.0	75	2.2
Other	29	6.5	32	21.8	67	20.1	67	19.0	473	22.0	12	30.0	680	19.6
Unknown	10	2.2	5	3.4	17	5.1	5	1.4	65	3.0	0	0.0	102	2.9
Total	449	100.0	147	100.0	334	100.0	352	100.0	2150	100.0	40	100.0	3472	100.0

Table 6-23
Fatal Truck Involvements by Driver Injury Severity and Cargo Body Style – Tractor Combinations
TIFA 2000

Driver injury severity	Van		Flatbed		Tank		Dump		Livestock		Pole/logging		Other*		None/unk		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Fatal injury (K)	207	11.4	63	11.1	79	26.3	47	12.4	11	22.9	20	16.4	8	11.1	14	8.9	449	12.9
Incapacitating (A)	71	3.9	18	3.2	14	4.7	23	6.1	1	2.1	11	9.0	3	4.2	6	3.8	147	4.2
Non-incapacitating (B)	183	10.0	39	6.8	30	10.0	35	9.2	4	8.3	13	10.7	8	11.1	22	13.9	334	9.6
Complaint of pain (C)	163	8.9	60	10.5	24	8.0	48	12.7	3	6.3	20	16.4	8	11.1	26	16.5	352	10.1
No injury (O)	1181	64.8	382	67.0	149	49.7	224	59.1	29	60.4	58	47.5	42	58.3	85	53.8	2150	61.9
Unknown	18	1.0	8	1.4	4	1.3	2	0.5	0	0.0	0	0.0	3	4.2	5	3.2	40	1.2
Total	1823	100.0	570	100.0	300	100.0	379	100.0	48	100.0	122	100.0	72	100.0	158	100.0	3472	100.0

* Note: The Other category includes nine auto carriers and ten refuse trucks.

Table 6-24
Fatal Truck Involvements by Driver Injury Severity and Rollover, Fire, Ejection Status – Tractor Combinations
TIFA 2000

Rollover, fire, and ejection	Fatal injury (K)		Incapacitating (A)		Non-incapacitating (B)		Complaint of pain (C)		No injury (O)		Unknown		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Rollover only	114	25.4	39	26.5	65	19.5	37	10.5	35	1.6	0	0.0	290	8.4
Fire only	40	8.9	7	4.8	29	8.7	22	6.3	48	2.2	0	0.0	146	4.2
Ejection only	40	8.9	1	0.7	2	0.6	1	0.3	2	0.1	0	0.0	46	1.3
Rollover and fire	42	9.4	4	2.7	4	1.2	1	0.3	2	0.1	0	0.0	53	1.5
Rollover and ejection	85	18.9	0	0.0	2	0.6	0	0.0	0	0.0	0	0.0	87	2.5
Fire and ejection	13	2.9	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0	14	0.4
Rollover, fire & eject	8	1.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	0.2
None	102	22.7	95	64.6	232	69.5	291	82.7	2063	96.0	16	40.0	2799	80.6
Unknown	5	1.1	0	0.0	0	0.0	0	0.0	0	0.0	24	60.0	29	0.8
Total	449	100.0	147	100.0	334	100.0	352	100.0	2150	100.0	40	100.0	3472	100.0

Table 6-25
Fatal Truck Involvements by Rollover Status and Gross Combination Weight – TRACTOR-SEMITRAILERS
TIFA 2000

Gross combination wt. (lbs)	No rollover		First event		Subsequent event		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
15,001-20,000	8	0.3	0	0.0	0	0.0	8	0.3
20,001-25,000	47	1.7	0	0.0	2	0.8	49	1.5
25,001-30,000	382	13.8	1	0.7	10	3.9	393	12.4
30,001-35,000	348	12.6	3	2.2	12	4.7	363	11.5
35,001-40,000	108	3.9	1	0.7	6	2.3	115	3.6
40,001-45,000	106	3.8	2	1.5	4	1.6	112	3.5
45,001-50,000	97	3.5	3	2.2	10	3.9	110	3.5
50,001-55,000	88	3.2	2	1.5	6	2.3	96	3.0
55,001-60,000	82	3.0	5	3.7	9	3.5	96	3.0
60,001-65,000	80	2.9	5	3.7	7	2.7	92	2.9
65,001-70,000	158	5.7	13	9.6	15	5.8	186	5.9
70,001-75,000	298	10.8	29	21.3	36	14.0	363	11.5
75,001-80,000	410	14.8	44	32.4	81	31.4	535	16.9
80,001-85,000	38	1.4	4	2.9	9	3.5	51	1.6
85,001-90,000	22	0.8	0	0.0	6	2.3	28	0.9
90,001-95,000	7	0.3	1	0.7	0	0.0	8	0.3
95,001-100,000	8	0.3	0	0.0	4	1.6	12	0.4
100,001-110,000	8	0.3	1	0.7	0	0.0	9	0.3
110,001-120,000	3	0.1	1	0.7	2	0.8	6	0.2
120,001-130,000	1	0.0	1	0.7	0	0.0	2	0.1
130,001-140,000	1	0.0	0	0.0	0	0.0	1	0.0
Unknown	470	17.0	20	14.7	39	15.1	529	16.7
Total	2770	100.0	136	100.0	258	100.0	3164	100.0

Table 6-26
Fatal Truck Involvements by Jackknife Status and Gross Combination Weight – TRACTOR-SEMITRAILERS
TIFA 2000

Gross combination wt. (lbs)	No jackknife		First event		Subsequent event		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
15,001-20,000	7	0.2	1	2.0	0	0.0	8	0.3
20,001-25,000	46	1.6	1	2.0	2	1.0	49	1.5
25,001-30,000	336	11.5	13	25.5	44	22.0	393	12.4
30,001-35,000	331	11.4	4	7.8	28	14.0	363	11.5
35,001-40,000	104	3.6	1	2.0	10	5.0	115	3.6
40,001-45,000	103	3.5	1	2.0	8	4.0	112	3.5
45,001-50,000	100	3.4	2	3.9	8	4.0	110	3.5
50,001-55,000	88	3.0	0	0.0	8	4.0	96	3.0
55,001-60,000	90	3.1	1	2.0	5	2.5	96	3.0
60,001-65,000	86	3.0	2	3.9	4	2.0	92	2.9
65,001-70,000	176	6.0	1	2.0	9	4.5	186	5.9
70,001-75,000	349	12.0	3	5.9	11	5.5	363	11.5
75,001-80,000	496	17.0	11	21.6	28	14.0	535	16.9
80,001-85,000	48	1.6	1	2.0	2	1.0	51	1.6
85,001-90,000	25	0.9	0	0.0	3	1.5	28	0.9
90,001-95,000	6	0.2	0	0.0	2	1.0	8	0.3
95,001-100,000	11	0.4	1	2.0	0	0.0	12	0.4
100,001-110,000	9	0.3	0	0.0	0	0.0	9	0.3
110,001-120,000	6	0.2	0	0.0	0	0.0	6	0.2
120,001-130,000	1	0.0	0	0.0	1	0.5	2	0.1
130,001-140,000	1	0.0	0	0.0	0	0.0	1	0.0
Unknown	494	17.0	8	15.7	27	13.5	529	16.7
Total	2913	100.0	51	100.0	200	100.0	3164	100.0

Longer combination vehicles

This section provides descriptive statistics on longer combination vehicles (LCVs) involved in a fatal traffic accident in 2000. The definition of a LCV is based on the Surface Transportation Assistance Act (STAA) of 1982, which restricted the states' ability to regulate truck weights and lengths within their borders. States were required to permit tractors with two trailers, each up to 28.5 feet long, to operate on interstate and other designated highways. In addition, states were prohibited from setting weight limits less than 80,000 pounds. For the purposes of this section, an LCV is defined as a combination vehicle with two or more trailers that exceeds the minimum weight and length standards set by the STAA of 1982.

Definition of an LCV:

- a truck-tractor with two trailers capable of carrying cargo;
- and at least one trailer longer than 29 feet.

OR

- a truck-tractor with two trailers capable of carrying cargo;
- and a gross combination weight greater than 80,000 pounds.

OR

- a truck-tractor pulling three trailers capable of carrying cargo.

Tables in this section classify LCVs as overlength, overweight, or both overlength and overweight. **Overlength** LCVs have at least one cargo-carrying trailer longer than 29 feet. **Overweight** LCVs exceed the weight standard but not the trailer length standard. LCVs categorized as **both** exceed both weight and length standards. **Triples** are LCVs with three cargo-carrying trailers. Some tables include, for comparison, a line for doubles that fall within the STAA requirements. These combinations consist of a tractor pulling two trailers, each less than 30 feet long, with a gross combination weight of 80,000 pounds or less. Such two-trailer configurations that fall within the STAA requirement are called **STAA doubles**.

Table 7-1
Fatal Truck Involvements of LCVs and "STAA Doubles" by Configuration
TIFA 2000

Configuration	No.	Pct.
<i>Longer combination vehicles</i>		
Double with A dolly	10	6.1
Double, B train	7	4.3
Tractor + semi + full	23	14.0
Tractor + semi + other	1	0.6
Triple with A dollies	2	1.2
<i>Subtotal</i>	43	26.2
<i>Non-LCV tractor and two trailers</i>		
<i>STAA double</i>		
Double with A dolly	71	43.3
Tractor + semi + full	41	25.0
<i>Subtotal</i>	112	68.3
<i>Unknown double</i>		
Double with A dolly	5	3.0
Tractor + semi + full	2	1.2
Tractor + semi + unk trailer	2	1.2
<i>Subtotal</i>	9	5.5
Total	164	100.0

Table 7-2
Fatal Truck Involvements of LCVs and "STAA Doubles" by Year
TIFA 1996-2000

Combination type	1996		1997		1998		1999		2000		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Longer combination vehicles</i>												
Overlength	14	7.7	22	10.0	23	13.9	16	10.5	12	7.3	87	9.8
Overweight	9	5.0	15	6.8	4	2.4	14	9.2	10	6.1	52	5.9
Both	5	2.8	14	6.3	18	10.9	11	7.2	19	11.6	67	7.6
Triple	3	1.7	5	2.3	1	0.6	2	1.3	2	1.2	13	1.5
<i>Subtotal</i>	31	17.1	56	25.3	46	27.9	43	28.1	43	26.2	219	24.8
<i>Non-LCV tractor and two trailers</i>												
STAA double	145	80.1	152	68.8	104	63.0	98	64.1	112	68.3	611	69.1
Unknown double	5	2.8	13	5.9	15	9.1	12	7.8	9	5.5	54	6.1
Total	181	100.0	221	100.0	165	100.0	153	100.0	164	100.0	884	100.0

**Table 7-4
Fatal Truck Involvements by State and LCV Type
TIFA 2000**

State	Overlength		Overweight		Both		Triple		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
California	0	0.0	1	10.0	0	0.0	0	0.0	1	2.3
Connecticut	1	8.3	0	0.0	0	0.0	0	0.0	1	2.3
Idaho	1	8.3	0	0.0	3	15.8	0	0.0	4	9.3
Michigan	2	16.7	6	60.0	0	0.0	0	0.0	8	18.6
Nebraska	0	0.0	0	0.0	2	10.5	0	0.0	2	4.7
Nevada	0	0.0	0	0.0	1	5.3	1	50.0	2	4.7
North Dakota	1	8.3	0	0.0	1	5.3	0	0.0	2	4.7
Ohio	0	0.0	0	0.0	0	0.0	1	50.0	1	2.3
Oregon	3	25.0	1	10.0	3	15.8	0	0.0	7	16.3
South Dakota	0	0.0	0	0.0	1	5.3	0	0.0	1	2.3
Texas	1	8.3	0	0.0	0	0.0	0	0.0	1	2.3
Utah	0	0.0	1	10.0	1	5.3	0	0.0	2	4.7
Washington	3	25.0	1	10.0	5	26.3	0	0.0	9	20.9
Wyoming	0	0.0	0	0.0	2	10.5	0	0.0	2	4.7
Total	12	100.0	10	100.0	19	100.0	2	100.0	43	100.0

**Table 7-5
Fatal Truck Involvements and Fatalities for Selected Combination Types
TIFA 2000**

Combination type	Involvements	Total fatalities	Fatalities per involvement
Longer combination vehicles			
Overlength	12	15	1.25
Overweight	10	11	1.10
Both	19	20	1.05
Triple	2	2	1.00
Subtotal	43	48	1.12
Non-LCV tractor and two trailers			
"STAA double"	112	132	1.18
Unknown double	9	11	1.22
Subtotal	121	143	1.18
Other tractor combination			
Tractor-semitrailer	3164	3335	1.05

Table 7-6
Fatal Truck Involvements by Total Length and LCV Type
TIFA 2000

Length (in feet)	Overlength		Overweight		Both		Triple		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
61-65	0	0.0	1	10.0	0	0.0	0	0.0	1	2.3
66-70	1	8.3	3	30.0	0	0.0	0	0.0	4	9.3
71-75	0	0.0	2	20.0	1	5.3	0	0.0	3	7.0
76-80	4	33.3	3	30.0	3	15.8	0	0.0	10	23.3
81-85	2	16.7	0	0.0	4	21.1	0	0.0	6	14.0
86-90	3	25.0	0	0.0	5	26.3	0	0.0	8	18.6
91-95	1	8.3	1	10.0	2	10.5	0	0.0	4	9.3
96-100	0	0.0	0	0.0	2	10.5	0	0.0	2	4.7
101 +	1	8.3	0	0.0	2	10.5	2	100.0	5	11.6
Total	12	100.0	10	100.0	19	100.0	2	100.0	43	100.0

Table 7-7
Fatal Truck Involvements by Gross Combination Weight and LCV Type
TIFA 2000

Gross combination weight (in lbs)	Overlength		Overweight		Both		Triple		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
35,001-40,000	5	41.7	0	0.0	0	0.0	0	0.0	5	11.6
40,001-45,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
45,001-50,000	3	25.0	0	0.0	0	0.0	0	0.0	3	7.0
50,001-55,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
55,001-60,000	2	16.7	0	0.0	0	0.0	0	0.0	2	4.7
60,001-65,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
65,001-70,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
70,001-75,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
75,001-80,000	1	8.3	0	0.0	0	0.0	0	0.0	1	2.3
80,001-85,000	0	0.0	1	10.0	0	0.0	0	0.0	1	2.3
85,001-90,000	0	0.0	0	0.0	2	10.5	0	0.0	2	4.7
90,001-95,000	0	0.0	1	10.0	0	0.0	0	0.0	1	2.3
95,001-100,000	0	0.0	0	0.0	3	15.8	0	0.0	3	7.0
100,001-110,000	0	0.0	1	10.0	11	57.9	0	0.0	12	27.9
110,001-120,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
120,001-130,000	0	0.0	2	20.0	3	15.8	0	0.0	5	11.6
130,001-140,000	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
140,001-150,000	0	0.0	1	10.0	0	0.0	0	0.0	1	2.3
150,001-160,000	0	0.0	4	40.0	0	0.0	0	0.0	4	9.3
Unknown	1	8.3	0	0.0	0	0.0	2	100.0	3	7.0
Total	12	100.0	10	100.0	19	100.0	2	100.0	43	100.0

**Table 7-8
Fatal Truck Involvements by Cargo Body Style and LCV Type
TIFA 2000**

Cargo body style	Overlength		Overweight		Both		Triple		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Van	3	25.0	0	0.0	0	0.0	2	100.0	5	11.6
Open top van	1	8.3	0	0.0	1	5.3	0	0.0	2	4.7
Refrigerated van	1	8.3	0	0.0	0	0.0	0	0.0	1	2.3
Flatbed	3	25.0	1	10.0	3	15.8	0	0.0	7	16.3
Lowboy	1	8.3	0	0.0	0	0.0	0	0.0	1	2.3
Flatbed with sides	1	8.3	0	0.0	1	5.3	0	0.0	2	4.7
Pole/logging	0	0.0	1	10.0	2	10.5	0	0.0	3	7.0
Tank:liquid/gas	0	0.0	2	20.0	4	21.1	0	0.0	6	14.0
Tank:dry bulk	0	0.0	1	10.0	0	0.0	0	0.0	1	2.3
Dump	0	0.0	4	40.0	1	5.3	0	0.0	5	11.6
Hopper bottom	2	16.7	1	10.0	7	36.8	0	0.0	10	23.3
Total	12	100.0	10	100.0	19	100.0	2	100.0	43	100.0

**Table 7-9
Fatal Truck Involvements by Type of Cargo and LCV Type
TIFA 2000**

Cargo type	Overlength		Overweight		Both		Triple		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Empty	7	58.3	0	0.0	0	0.0	0	0.0	7	16.3
General freight	3	25.0	0	0.0	0	0.0	2	100.0	5	11.6
Building materials	0	0.0	0	0.0	1	5.3	0	0.0	1	2.3
Gases in bulk	0	0.0	0	0.0	1	5.3	0	0.0	1	2.3
Solids in bulk	1	8.3	6	60.0	6	31.6	0	0.0	13	30.2
Liquids in bulk	0	0.0	2	20.0	3	15.8	0	0.0	5	11.6
Logs/poles/lumber	0	0.0	2	20.0	5	26.3	0	0.0	7	16.3
Farm products	1	8.3	0	0.0	3	15.8	0	0.0	4	9.3
Total	12	100.0	10	100.0	19	100.0	2	100.0	43	100.0

**Table 7-10
Fatal Truck Involvements by Road Class and LCV Type
TIFA 2000**

Road class	Overlength		Overweight		Both		Triple		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate/urban	2	16.7	1	10.0	1	5.3	0	0.0	4	9.3
Interstate/rural	2	16.7	0	0.0	3	15.8	0	0.0	5	11.6
Major arterial/urban	2	16.7	2	20.0	0	0.0	0	0.0	4	9.3
Major arterial/rural	2	16.7	2	20.0	15	78.9	1	50.0	20	46.5
Other/urban	0	0.0	2	20.0	0	0.0	0	0.0	2	4.7
Other/rural	3	25.0	3	30.0	0	0.0	0	0.0	6	14.0
Unknown	1	8.3	0	0.0	0	0.0	1	50.0	2	4.7
Total	12	100.0	10	100.0	19	100.0	2	100.0	43	100.0

Table 7-11
Fatal Truck Involvements by Carrier Type and LCV Type
TIFA 2000

Carrier type	Overlength		Overweight		Both		Triple		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
Interstate private	1	8.3	3	30.0	3	15.8	0	0.0	7	16.3
Interstate for-hire	9	75.0	1	10.0	11	57.9	2	100.0	23	53.5
Intrastate private	0	0.0	4	40.0	2	10.5	0	0.0	6	14.0
Intrastate for-hire	2	16.7	2	20.0	2	10.5	0	0.0	6	14.0
Unknown	0	0.0	0	0.0	1	5.3	0	0.0	1	2.3
Total	12	100.0	10	100.0	19	100.0	2	100.0	43	100.0

Table 7-12
Fatal Truck Involvements by First Harmful Event and LCV Type
TIFA 2000

First harmful event	Overlength		Overweight		Both		Triple		Total	
	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.	No.	Pct.
<i>Collision</i>										
Motor vehicle	11	91.7	8	80.0	16	84.2	2	100.0	37	86.0
Fixed object	1	8.3	2	20.0	2	10.5	0	0.0	5	11.6
<i>Noncollision</i>										
Rollover	0	0.0	0	0.0	1	5.3	0	0.0	1	2.3
Total	12	100.0	10	100.0	19	100.0	2	100.0	43	100.0

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