

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides by industry, 1999

Industry ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway incidents	Non-highway incidents	Worker struck by vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Total	6,023	43.4	24.8	5.9	6.3	6.5	10.7	8.4	2.3
Private industry	5,461	42.3	24.0	6.1	6.0	6.2	10.6	8.3	2.3
Agriculture, forestry and fishing	807	50.6	14.7	20.8	4.0	11.0	2.4	1.9	—
Agricultural production - crops	350	56.0	18.9	30.9	4.0	2.3	2.0	2.0	—
Cash grains	21	23.8	—	—	—	—	—	—	—
Field crops, except cash grains	46	50.0	17.4	30.4	—	—	—	—	—
Vegetables and melons	9	55.6	—	—	—	—	—	—	—
Fruits and tree nuts	29	72.4	44.8	17.2	—	—	—	—	—
Fruits and tree nuts, n.e.c.	13	100.0	100.0	—	—	—	—	—	—
Horticultural specialties	13	69.2	46.2	—	—	—	—	—	—
Ornamental nursery products	12	75.0	50.0	—	—	—	—	—	—
General farms, primarily crop	215	56.7	14.9	37.7	—	2.3	—	—	—
Agricultural production - livestock	163	38.0	12.9	20.9	3.1	—	—	—	—
Livestock, except dairy and poultry	63	30.2	7.9	19.0	—	—	—	—	—
Beef cattle, except feedlots	49	34.7	—	22.4	—	—	—	—	—
Dairy farms	50	34.0	14.0	18.0	—	—	—	—	—
Animal specialties	8	62.5	—	—	—	—	—	—	—
General farms, primarily animal	23	69.6	26.1	34.8	—	—	—	—	—
Agricultural services	164	39.0	13.4	8.5	5.5	11.6	3.0	—	—
Crop services	31	77.4	—	19.4	—	45.2	—	—	—
Crop planting and protecting	18	94.4	—	—	—	77.8	—	—	—
Farm labor and management services	9	55.6	—	—	—	—	—	—	—
Landscape and horticultural services	107	28.0	16.8	5.6	—	—	—	—	—
Lawn and garden services	35	48.6	31.4	—	—	—	—	—	—
Ornamental shrub and tree services	60	11.7	—	—	—	—	—	—	—
Fishing, hunting, and trapping	81	75.3	—	—	—	74.1	—	—	—
Commercial fishing	79	75.9	—	—	—	74.7	—	—	—
Finfish	16	75.0	—	—	—	75.0	—	—	—
Shellfish	48	81.2	—	—	—	81.2	—	—	—
Mining	121	28.9	14.0	7.4	—	4.1	—	—	—
Coal mining	35	14.3	—	—	—	—	—	—	—
Oil and gas extraction	50	34.0	26.0	—	—	—	—	—	—
Oil and gas field services	39	33.3	30.8	—	—	—	—	—	—
Oil and gas field services, n.e.c.	25	36.0	36.0	—	—	—	—	—	—
Nonmetallic minerals, except fuels	24	37.5	—	—	—	—	—	—	—
Sand and gravel	11	45.5	—	—	—	—	—	—	—
Construction sand and gravel	10	50.0	—	—	—	—	—	—	—
Construction	1,190	26.9	13.0	3.9	8.2	1.8	.5	.4	—
General building contractors	183	24.0	10.4	5.5	4.4	3.8	—	—	—
Residential building construction	98	26.5	11.2	9.2	—	5.1	—	—	—
Single-family housing construction	79	22.8	11.4	8.9	—	—	—	—	—
Residential construction, n.e.c.	14	35.7	—	—	—	—	—	—	—
Nonresidential building construction	76	19.7	7.9	—	7.9	—	—	—	—
Industrial buildings and warehouses	30	26.7	—	—	16.7	—	—	—	—
Nonresidential construction, n.e.c.	44	13.6	—	—	—	—	—	—	—
Heavy construction, except building	280	48.2	17.5	6.8	20.4	3.6	—	—	—
Highway and street construction	86	82.6	25.6	12.8	40.7	—	—	—	—
Heavy construction, except highway	189	33.3	14.3	3.7	11.6	3.7	—	—	—
Bridge, tunnel, and elevated highway	20	30.0	—	—	—	—	—	—	—
Water, sewer, and utility lines	103	29.1	13.6	—	12.6	—	—	—	—
Heavy construction, n.e.c.	64	42.2	20.3	7.8	7.8	—	—	—	—
Special trades contractors	709	18.9	11.6	2.3	4.5	—	—	—	—
Plumbing, heating and air-conditioning	66	28.8	24.2	—	—	—	—	—	—
Electrical work	107	22.4	15.0	—	4.7	—	—	—	—
Masonry, stonework, tile setting, and plastering	57	17.5	10.5	—	—	—	—	—	—
Masonry and other stonework	36	19.4	—	—	—	—	—	—	—
Carpentry and floor work	46	15.2	13.0	—	—	—	—	—	—
Carpentry work	43	14.0	11.6	—	—	—	—	—	—
Roofing, siding, and sheet metal work	96	10.4	10.4	—	—	—	—	—	—
Concrete work	42	38.1	19.0	—	16.7	—	—	—	—

See footnotes at end of table.

TABLE A-2. **Fatal occupational injuries resulting from transportation incidents and homicides by industry, 1999** — Continued

Industry ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway incidents	Non-highway incidents	Worker struck by vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Miscellaneous special trade									
contractors	244	15.6	5.7	4.5	4.5	—	—	—	—
Excavation work	43	30.2	11.6	14.0	—	—	—	—	—
Wrecking and demolition work	22	36.4	—	—	27.3	—	—	—	—
Special trade contractors, n.e.c.	99	14.1	6.1	—	—	—	—	—	—
Manufacturing	719	27.7	15.9	4.9	3.5	3.5	3.6	2.8	0.8
Food and kindred products	83	36.1	28.9	—	—	—	—	—	—
Meat products	25	28.0	28.0	—	—	—	—	—	—
Bakery products	11	45.5	45.5	—	—	—	—	—	—
Beverages	10	60.0	50.0	—	—	—	—	—	—
Lumber and wood products	190	28.9	15.8	7.9	2.6	2.6	2.6	—	—
Logging	138	29.7	15.2	8.7	3.6	—	—	—	—
Paper and allied products	27	22.2	—	—	—	—	—	—	—
Printing and publishing	25	52.0	52.0	—	—	—	20.0	—	—
Newspapers	14	57.1	57.1	—	—	—	—	—	—
Chemicals and allied products	47	19.1	—	—	—	—	—	—	—
Stone, clay, glass and concrete products	44	34.1	18.2	—	—	—	—	—	—
Concrete, gypsum, and plaster products	34	41.2	20.6	—	—	—	—	—	—
Ready-mixed concrete	16	56.2	37.5	—	—	—	—	—	—
Primary metal industries	50	20.0	—	—	12.0	—	—	—	—
Fabricated metal products	46	15.2	—	—	—	—	—	—	—
Industrial machinery and equipment ...	54	27.8	13.0	—	—	—	—	—	—
Transportation equipment	68	25.0	7.4	—	—	10.3	—	—	—
Motor vehicles and equipment	33	15.2	—	—	—	—	—	—	—
Transportation and public utilities	1,006	71.4	50.6	2.1	8.2	10.5	7.0	5.7	1.3
Railroad transportation	32	75.0	—	—	31.2	43.8	—	—	—
Railroads	32	75.0	—	—	31.2	43.8	—	—	—
Local and interurban passenger transportation	102	37.3	32.4	—	—	—	52.0	41.2	10.8
Local and suburban transportation	20	70.0	55.0	—	—	—	—	—	—
Taxicabs	66	21.2	21.2	—	—	—	77.3	60.6	16.7
Bus charter service	6	100.0	83.3	—	—	—	—	—	—
Trucking and warehousing	605	81.8	70.7	1.7	7.8	1.7	2.0	1.7	—
Trucking and courier services, except air	562	84.0	72.8	1.4	8.0	1.8	2.1	1.8	—
Local trucking, without storage ...	140	77.9	64.3	—	7.9	3.6	—	—	—
Trucking, except local	361	85.9	75.1	1.4	8.0	1.4	3.0	2.5	—
Local trucking with storage	8	62.5	—	—	—	—	—	—	—
Courier services, except by air ...	19	94.7	89.5	—	—	—	—	—	—
Water transportation	55	45.5	—	—	—	30.9	—	—	—
Water transportation services	39	46.2	—	—	—	28.2	—	—	—
Marine cargo handling	17	47.1	—	—	—	—	—	—	—
Towing and tugboat services	11	72.7	—	—	—	72.7	—	—	—
Transportation by air	74	86.5	—	—	—	77.0	—	—	—
Air transportation, scheduled	21	81.0	—	—	—	52.4	—	—	—
Air transportation, scheduled	13	76.9	—	—	—	69.2	—	—	—
Air courier services	6	83.3	—	—	—	—	—	—	—
Air transportation, nonscheduled	41	95.1	—	—	—	95.1	—	—	—
Airports, flying fields, and services	10	60.0	—	—	—	50.0	—	—	—
Transportation services	21	57.1	33.3	—	—	—	—	—	—
Miscellaneous transportation services	8	62.5	—	—	—	—	—	—	—
Communications	30	56.7	43.3	—	—	—	—	—	—
Telephone communications	18	61.1	50.0	—	—	—	—	—	—
Telephone communications, except radio	14	64.3	57.1	—	—	—	—	—	—
Radio and television broadcasting ..	6	83.3	—	—	—	—	—	—	—
Electric, gas, and sanitary services	86	50.0	27.9	5.8	12.8	—	—	—	—
Electric services	24	25.0	—	—	—	—	—	—	—
Sanitary services	45	66.7	40.0	—	17.8	—	—	—	—
Refuse systems	38	65.8	36.8	—	21.1	—	—	—	—
Wholesale trade	237	56.5	41.8	5.1	7.2	2.5	11.0	9.3	—
Wholesale trade-durable goods	132	50.8	33.3	7.6	7.6	—	11.4	9.8	—
Motor vehicles, parts, and supplies	23	52.2	39.1	—	—	—	—	—	—
Automobiles and other motor vehicles	7	71.4	—	—	—	—	—	—	—
Motor vehicle supplies and new parts	7	71.4	71.4	—	—	—	—	—	—
Lumber and construction materials	12	41.7	—	—	—	—	—	—	—
Professional and commercial equipment	13	—	—	—	—	—	61.5	53.8	—

See footnotes at end of table.

TABLE A-2. **Fatal occupational injuries resulting from transportation incidents and homicides by industry, 1999** — Continued

Industry ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway incidents	Non-highway incidents	Worker struck by vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Metals and minerals, except petroleum	11	54.5	45.5	—	—	—	—	—	—
Electrical goods	10	50.0	50.0	—	—	—	—	—	—
Machinery, equipment, and supplies	28	64.3	35.7	—	—	—	—	—	—
Miscellaneous durable goods	25	56.0	24.0	—	20.0	—	—	—	—
Scrap and waste materials	22	50.0	—	—	22.7	—	—	—	—
Wholesale trade-nondurable goods	105	63.8	52.4	—	6.7	—	10.5	8.6	—
Groceries and related products	44	65.9	54.5	—	—	—	13.6	13.6	—
Farm-product raw materials	10	50.0	—	—	—	—	—	—	—
Petroleum and petroleum products	16	87.5	87.5	—	—	—	—	—	—
Petroleum bulk stations and terminals	8	100.0	100.0	—	—	—	—	—	—
Petroleum and petroleum products wholesalers, except bulk stations and terminals	7	71.4	71.4	—	—	—	—	—	—
Beer, wine, and distilled beverages	5	100.0	—	—	—	—	—	—	—
Miscellaneous nondurable goods ...	16	50.0	37.5	—	—	—	—	—	—
Retail trade	507	25.4	18.1	1.8	3.9	1.6	51.3	39.4	11.8
Building materials and garden supplies	29	34.5	24.1	—	—	—	—	—	—
Lumber and other building materials	19	31.6	—	—	—	—	—	—	—
General merchandise stores	24	20.8	—	—	—	—	33.3	25.0	—
Food stores	115	13.0	8.7	—	—	—	73.9	63.5	10.4
Grocery stores	94	6.4	—	—	—	—	80.9	72.3	8.5
Automotive dealers and service stations	82	46.3	35.4	—	—	—	26.8	22.0	—
New and used car dealers	14	57.1	57.1	—	—	—	—	—	—
Auto and home supply stores	22	54.5	40.9	—	—	—	—	—	—
Gasoline service stations	28	—	—	—	—	—	60.7	46.4	—
Furniture and homefurnishings stores	16	56.2	43.8	—	—	—	—	—	—
Eating and drinking places	145	13.8	11.0	—	—	—	64.8	46.9	17.9
Eating places	96	19.8	15.6	—	—	—	56.2	39.6	16.7
Drinking places	39	—	—	—	—	—	89.7	66.7	23.1
Miscellaneous retail	91	34.1	22.0	—	7.7	—	48.4	33.0	15.4
Liquor stores	20	—	—	—	—	—	75.0	65.0	—
Used merchandise stores	8	—	—	—	—	—	62.5	62.5	—
Miscellaneous shopping goods stores	14	—	—	—	—	—	92.9	64.3	—
Jewelry stores	6	—	—	—	—	—	100.0	—	—
Nonstore retailers	19	78.9	57.9	—	—	—	—	—	—
Direct selling establishments	16	87.5	68.8	—	—	—	—	—	—
Retail stores, n.e.c.	20	35.0	—	—	—	—	40.0	—	30.0
Finance, insurance, and real estate	105	37.1	21.9	—	4.8	7.6	31.4	27.6	—
Depository institutions	13	—	—	—	—	—	53.8	53.8	—
Insurance carriers	10	90.0	50.0	—	—	—	—	—	—
Life insurance	5	100.0	—	—	—	—	—	—	—
Insurance agents, brokers, and service	14	85.7	42.9	—	—	—	—	—	—
Real estate	48	22.9	12.5	—	—	—	29.2	20.8	—
Real estate operators and lessors ..	28	—	—	—	—	—	42.9	28.6	—
Apartment building operators	19	—	—	—	—	—	57.9	42.1	—
Holdings and other investment offices	7	—	—	—	—	—	85.7	85.7	—
Miscellaneous investing	6	—	—	—	—	—	100.0	100.0	—
Services	732	42.1	23.0	4.0	6.0	9.2	18.4	13.8	4.6
Hotels and other lodging places	37	32.4	16.2	13.5	—	—	37.8	27.0	—
Hotels and motels	29	20.7	—	—	—	—	48.3	34.5	—
Camps and recreational vehicle parks	7	85.7	—	—	—	—	—	—	—
Personal services	42	28.6	26.2	—	—	—	45.2	38.1	—
Laundry, cleaning, and garment services	23	21.7	21.7	—	—	—	47.8	39.1	—
Barber shops	6	—	—	—	—	—	100.0	100.0	—
Business services	161	43.5	32.3	—	7.5	—	19.9	15.5	4.3
Services to buildings	30	30.0	26.7	—	—	—	—	—	—
Building maintenance services, n.e.c.	26	23.1	19.2	—	—	—	—	—	—
Miscellaneous equipment rental and leasing	13	61.5	61.5	—	—	—	—	—	—
Personnel supply services	23	52.2	43.5	—	—	—	21.7	—	—
Help supply services	17	52.9	41.2	—	—	—	—	—	—
Miscellaneous business services ...	72	47.2	30.6	—	13.9	—	31.9	29.2	—

See footnotes at end of table.

TABLE A-2. **Fatal occupational injuries resulting from transportation incidents and homicides by industry, 1999** — Continued

Industry ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway incidents	Non-highway incidents	Worker struck by vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Detective and armored car services	39	41.0	20.5	—	17.9	—	43.6	41.0	—
Automotive repair, services, and parking	132	31.1	12.9	3.8	11.4	—	22.7	14.4	8.3
Automotive rentals, no drivers	11	81.8	—	—	—	—	—	—	—
Automobile parking	6	—	—	—	—	—	83.3	—	—
Automotive repair shops	82	17.1	8.5	—	7.3	—	20.7	13.4	7.3
Top, body, and upholstery repair shops and paint shops	20	—	—	—	—	—	25.0	—	—
General automotive repair shops	39	17.9	—	—	—	—	20.5	12.8	—
Automotive services, except repair	32	56.2	21.9	—	21.9	—	21.9	—	—
Automotive services, n.e.c.	22	68.2	31.8	—	22.7	—	—	—	—
Miscellaneous repair services	53	20.8	18.9	—	—	—	—	—	—
Miscellaneous repair shops	36	22.2	19.4	—	—	—	—	—	—
Amusement and recreation services ..	83	50.6	10.8	16.9	—	18.1	7.2	—	—
Commercial sports	19	52.6	—	36.8	—	—	—	—	—
Racing, including track operations	16	62.5	—	43.8	—	—	—	—	—
Miscellaneous amusement, recreation services	55	58.2	14.5	12.7	—	27.3	—	—	—
Membership sports and recreation clubs	10	80.0	—	—	—	—	—	—	—
Health services	71	50.7	32.4	—	—	16.9	9.9	9.9	—
Hospitals	30	36.7	20.0	—	—	16.7	—	—	—
General medical and surgical hospitals	25	40.0	20.0	—	—	20.0	—	—	—
Home health care services	13	76.9	76.9	—	—	—	—	—	—
Legal services	16	75.0	43.8	—	—	31.2	—	—	—
Educational services	28	92.9	25.0	—	—	64.3	—	—	—
Colleges and universities	9	77.8	—	—	—	—	—	—	—
Schools and educational services, n.e.c.	15	100.0	—	—	—	93.3	—	—	—
Social services	27	51.9	37.0	—	—	—	29.6	—	18.5
Membership organizations	24	33.3	25.0	—	—	—	25.0	20.8	—
Religious organizations	18	33.3	27.8	—	—	—	27.8	—	—
Engineering and management services	39	51.3	25.6	—	12.8	12.8	—	—	—
Engineering and architectural services	16	62.5	31.2	—	31.2	—	—	—	—
Engineering services	10	70.0	50.0	—	—	—	—	—	—
Research and testing services	10	60.0	—	—	—	—	—	—	—
Government²	562	53.6	32.4	3.6	8.5	9.1	11.7	9.8	2.0
Federal government (including resident armed forces)	147	61.9	32.0	4.8	—	22.4	4.8	3.4	—
Transportation and public utilities	17	58.8	52.9	—	—	—	—	—	—
U.S. Postal Service	17	58.8	52.9	—	—	—	—	—	—
Public administration	117	65.0	31.6	5.1	—	27.4	4.3	—	—
Administration of human resources ..	7	85.7	85.7	—	—	—	—	—	—
National security and international affairs	97	64.9	27.8	5.2	—	30.9	—	—	—
National security	96	64.6	27.1	5.2	—	31.2	—	—	—
State government	108	58.3	37.0	—	13.9	4.6	10.2	6.5	—
Construction	14	78.6	50.0	—	—	—	—	—	—
Heavy construction, except building ...	14	78.6	50.0	—	—	—	—	—	—
Highway and street construction	14	78.6	50.0	—	—	—	—	—	—
Services	22	63.6	36.4	—	—	—	—	—	—
Educational services	14	42.9	—	—	—	—	—	—	—
Social services	5	100.0	100.0	—	—	—	—	—	—
Public administration	66	54.5	37.9	—	9.1	—	15.2	10.6	—
Justice, public order, and safety	36	52.8	41.7	—	—	—	22.2	13.9	—
Public order and safety	35	54.3	42.9	—	—	—	20.0	14.3	—
Police protection	20	50.0	35.0	—	—	—	25.0	25.0	—
Correctional institutions	12	50.0	41.7	—	—	—	—	—	—
Environmental quality and housing	12	58.3	—	—	—	—	—	—	—
Administration of economic programs ..	8	62.5	—	—	—	—	—	—	—
Local government	301	47.2	30.6	3.3	9.6	3.7	15.9	14.3	1.7

See footnotes at end of table.

TABLE A-2. **Fatal occupational injuries resulting from transportation incidents and homicides by industry, 1999** — Continued

Industry ¹	Total fatalities (number)	Transportation incidents (percent)					Homicides (percent)		
		Total	Highway incidents	Non-highway incidents	Worker struck by vehicle	All other transportation incidents	Total	Homicides by shooting	All other homicides
Construction	20	65.0	50.0	—	—	—	—	—	—
Heavy construction, except building ...	18	66.7	50.0	—	—	—	—	—	—
Highway and street construction	14	71.4	50.0	—	—	—	—	—	—
Transportation and public utilities	33	39.4	21.2	—	—	—	—	—	—
Local and interurban passenger transportation	9	55.6	—	—	—	—	—	—	—
Electric, gas, and sanitary services	21	28.6	—	—	—	—	—	—	—
Sanitary services	10	60.0	—	—	—	—	—	—	—
Refuse systems	5	100.0	—	—	—	—	—	—	—
Services	48	45.8	27.1	—	—	10.4	16.7	12.5	—
Educational services	34	47.1	29.4	—	—	—	14.7	—	—
Elementary and secondary schools	32	43.8	31.2	—	—	—	15.6	—	—
Public administration	196	46.4	31.6	2.6	10.2	—	19.9	18.4	—
Executive, legislative, and general government	31	51.6	22.6	—	16.1	—	—	—	—
Justice, public order, and safety	144	43.1	32.6	—	7.6	—	25.7	23.6	—
Public order and safety	144	43.1	32.6	—	7.6	—	25.7	23.6	—
Police protection	91	52.7	41.8	—	6.6	—	39.6	37.4	—
Fire protection	50	26.0	16.0	—	10.0	—	—	—	—
Environmental quality and housing	13	53.8	—	—	—	—	—	—	—

¹ Classified according to the *Standard Industrial Classification Manual, 1987*.

² Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

There were 37 fatalities for which there was insufficient information to

determine a specific industry classification, though a distinction between private and government was made for each.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries