

**Fatal occupational injuries by occupation, industry and employee status  
Ohio, All Ownerships, 2003 to 2010**

	2010		2003-2010	
	Number	Percent	Number	Percent
<b>Total</b>	<b>161</b>		<b>1,400</b>	
<b>Occupation<sup>1</sup></b>				
Management occupations	30	19%	234	17%
Business and financial operations occupations	--	--	5	0%
Computer and mathematical occupations	--	--	--	--
Architecture and engineering occupations	--	--	15	1%
Life, physical, and social science occupations	--	--	3	0%
Community and social services occupations	--	--	12	1%
Legal occupations	--	--	--	--
Education, training, and library occupations	--	--	5	0%
Arts, design, entertainment, sports, and media occupations	--	--	20	1%
Healthcare practitioners and technical occupations	--	--	17	1%
Healthcare support occupations	--	--	5	0%
Protective service occupations	6	4%	69	5%
Food preparation and serving related occupations	6	4%	30	2%
Building and grounds cleaning and maintenance occupations	9	6%	74	5%
Personal care and service occupations	4	2%	13	1%
Sales and related occupations	10	6%	83	6%
Office and administrative support occupations	--	--	27	2%
Farming, fishing, and forestry occupations	6	4%	40	3%
Construction and extraction occupations	19	12%	222	16%
Installation, maintenance, and repair occupations	9	6%	98	7%
Production occupations	13	8%	104	7%
Transportation and material moving occupations	36	22%	314	22%
Military specific occupations <sup>2</sup>	5	3%	6	0%
<b>Industry<sup>3</sup></b>				
<b>Private industry<sup>4</sup></b>	<b>145</b>	<b>90%</b>	<b>1,281</b>	<b>92%</b>
<b>Goods Producing</b>	<b>62</b>	<b>39%</b>	<b>611</b>	<b>44%</b>
Natural resources and mining	29	18%	207	15%
Construction	23	14%	241	17%
Manufacturing	10	6%	163	12%
<b>Service providing</b>	<b>83</b>	<b>52%</b>	<b>670</b>	<b>48%</b>
Trade, transportation, and utilities	40	25%	339	24%
Information	--	--	13	1%
Financial activities	9	6%	31	2%
Professional and business services	10	6%	109	8%
Education and health services	8	5%	42	3%
Leisure and hospitality	8	5%	83	6%
Other services	7	4%	52	4%
<b>Government</b>	<b>16</b>	<b>10%</b>	<b>119</b>	<b>9%</b>
Federal	5	3%	15	1%
State	4	2%	20	1%
Local	7	4%	84	6%
<b>Employee status</b>				
Wage and salary workers	118	73%	1,054	75%
Self-employed	43	27%	346	25%

<sup>1</sup>Based on the Standard Occupational Classification system.

<sup>2</sup>Military specific occupations include fatalities to persons identified as resident armed forces regardless of individual occupation listed.

<sup>3</sup>Industry data from 2003 to 2008 are classified using the 2002 North American Industry Classification System (NAICS). Industry data after 2008 are classified using the 2007 NAICS.

<sup>4</sup>Mining includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

NOTE: Dashes indicate no data or data that do not meet publication criteria. Totals for major categories may include subcategories not shown separately.

CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Data for all years are revised and final.

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

**Fatal occupational injuries by event or exposure  
Ohio, All Ownerships, 2003 to 2010**

Event or exposure <sup>1</sup>	2010		2003-2010	
	Number	Percent	Number	Percent
<b>Total</b>	<b>161</b>		<b>1,400</b>	
<b>Contact with objects and equipment</b>	<b>38</b>	<b>24%</b>	<b>274</b>	<b>20%</b>
Struck by object or equipment	15	9%	151	11%
Struck by falling object or equipment	7	4%	93	7%
Caught in or compressed by equipment or objects	15	9%	89	6%
Caught in running equipment or machinery	9	6%	49	4%
<b>Falls</b>	<b>12</b>	<b>7%</b>	<b>179</b>	<b>13%</b>
Fall to lower level	10	6%	153	11%
Fall from ladder	--	--	31	2%
Fall from roof	4	2%	37	3%
Fall from scaffold, staging	--	--	14	1%
<b>Exposure to harmful substances or environments</b>	<b>13</b>	<b>8%</b>	<b>137</b>	<b>10%</b>
Contact with electric current	4	2%	75	5%
Exposure to caustic, noxious, or allergenic substances	9	6%	47	3%
Oxygen deficiency (including drowning)	--	--	10	1%
<b>Transportation incidents</b>	<b>64</b>	<b>40%</b>	<b>529</b>	<b>38%</b>
Highway incidents	31	19%	290	21%
Collision between vehicles, mobile equipment	17	11%	141	10%
Non-collision incidents	4	2%	52	4%
Non-highway incident, except rail, air, water	11	7%	111	8%
Overturned	8	5%	62	4%
Pedestrian struck by vehicle, mobile equipment	14	9%	85	6%
Aircraft incidents	5	3%	32	2%
<b>Fires and explosions</b>	<b>4</b>	<b>2%</b>	<b>52</b>	<b>4%</b>
<b>Assaults and violent acts</b>	<b>30</b>	<b>19%</b>	<b>223</b>	<b>16%</b>
Homicides	21	13%	140	10%
Self inflicted injuries	6	4%	72	5%
<b>Other or not reported</b>	<b>--</b>	<b>--</b>	<b>6</b>	<b>0%</b>

<sup>1</sup>Based on the BLS Occupational Injury and Illness Classification Manual.

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

**Fatal occupational injuries by source, secondary source, nature, and part  
Ohio, All Ownerships, 2003 to 2010**

	2010		2003-2010	
	Number	Percent	Number	Percent
<b>Total</b>	<b>161</b>		<b>1,400</b>	
<b>Primary source<sup>1,2</sup></b>				
Vehicles	69	43%	566	40%
Highway vehicles	45	28%	392	28%
Automobiles	9	6%	90	6%
Trucks	27	17%	222	16%
Plant and industrial powered vehicles, tractors	16	10%	124	9%
Forklifts	4	2%	30	2%
Tractors	11	7%	89	6%
Structures and surfaces	20	12%	201	14%
Floors, walkways, ground surfaces	15	9%	176	13%
Machinery	17	11%	126	9%
Agriculture and garden machinery	3	2%	20	1%
Construction, logging, and mining machinery	7	4%	38	3%
Material handling machinery	5	3%	29	2%
Parts and materials	7	4%	120	9%
Machine, tool, and electric parts	--	--	47	3%
Persons, plants, animals, and minerals	13	8%	84	6%
Persons -other than injured worker	--	--	14	1%
Robber	--	--	4	0%
Co-worker, former co-worker	--	--	4	0%
Trees, logs	5	3%	35	3%
Chemicals and chemical products	7	4%	46	3%
Tools, instruments, and equipment	--	--	23	2%
Containers	--	--	27	2%
Other	24	15%	207	15%
Bullets and pellets	20	12%	155	11%
Fire, flame, smoke	--	--	29	2%
<b>Secondary source<sup>1,3</sup></b>				
Vehicles	24	15%	225	16%
Highway vehicles	18	11%	189	14%
Plant and industrial powered vehicles, tractors	3	2%	20	1%
Structures and surfaces	16	10%	160	11%
Floors, walkways, ground surfaces	3	2%	32	2%
Structures	9	6%	77	6%
Machinery	6	4%	79	6%
Parts and materials	3	2%	75	5%
Machine, tool, and electric parts	--	--	38	3%
Persons, plants, animals, and minerals	23	14%	175	13%
Persons -other than injured worker	19	12%	128	9%
Robber	6	4%	59	4%
Co-worker, former co-worker	4	2%	15	1%
Trees, logs	4	2%	39	3%
Chemicals and chemical products	--	--	16	1%
Tools, instruments, and equipment	3	2%	46	3%
Containers	8	5%	30	2%
Other	9	6%	52	4%
Liquids (including water)	--	--	8	1%
No secondary source	69	43%	542	39%

See footnotes at end of table.

**Fatal occupational injuries by source, secondary source, nature, and part  
Ohio, All Ownerships, 2003 to 2010**

	2010		2003-2010	
	Number	Percent	Number	Percent
<b>Nature<sup>1</sup></b>				
Intracranial injuries	26	16%	241	17%
Other traumatic injuries	42	26%	434	31%
Internal injuries	9	6%	191	14%
Asphyxiations, suffocations	18	11%	97	7%
Drownings	--	--	15	1%
Electrocutions	4	2%	73	5%
Poisonings, toxic effects	10	6%	57	4%
Open wounds	23	14%	170	12%
Gunshot wounds	20	12%	154	11%
Burns (heat, chemical, etc.)	--	--	36	3%
Multiple traumatic injuries	66	41%	458	33%
Intracranial injuries and injuries to internal organs	7	4%	138	10%
<b>Part of body<sup>1</sup></b>				
Head	29	18%	299	21%
Trunk	20	12%	274	20%
Chest	7	4%	136	10%
Back	--	--	15	1%
Neck	--	--	33	2%
Lower extremities	4	2%	22	2%
Upper extremities	--	--	4	0%
Body systems	32	20%	245	18%
Multiple	73	45%	523	37%

<sup>1</sup>Based on the BLS Occupational Injury and Illness Classification Manual.

<sup>2</sup>The primary source of injury identifies the object, substance, or exposure that directly produced or inflicted the injury.

For most transportation incidents, the primary source identifies the vehicle in which the deceased was an occupant. For most falls, the primary source identifies the surface or object contacted.

<sup>3</sup>The secondary source of injury, if any, identifies the object, substance, or person that generated the source of injury or that contributed to the event or exposure. For vehicle collisions, the deceased's vehicle is the primary source and the other object (truck, road divider, etc.) is the secondary source. For most homicides, the "bullet" is the primary source and the "assailant" is the secondary source. For most falls, the secondary source identifies the equipment or surface from which the worker fell.

NOTE: Dashes indicate no data or data that do not meet publication criteria. Totals for major categories may include subcategories not shown separately. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Data for all years are revised and final.

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

**Fatal occupational injuries by worker activity and location of incident  
Ohio, All Ownerships, 2003 to 2010**

	2010		2003-2010	
	Number	Percent	Number	Percent
<b>Total</b>	<b>161</b>		<b>1,400</b>	
<b>Worker Activity</b>				
Vehicular and transportation operations	62	39%	526	38%
Using or operating tools, machinery	16	10%	114	8%
Constructing, repairing, cleaning	34	21%	320	23%
Protective service activities	4	2%	37	3%
Materials handling operations	10	6%	87	6%
Physical activities	5	3%	99	7%
Other activities	27	17%	167	12%
Tending a retail establishment	8	5%	73	5%
Not reported	3	2%	50	4%
<b>Location</b>				
Private residence	14	9%	119	9%
Farm	23	14%	170	12%
Mine, quarry	--	--	6	0%
Industrial place and premises	35	22%	351	25%
Place for recreation or sports	3	2%	27	2%
Street and highway	49	30%	398	28%
Public building	17	11%	165	12%
Residential institutions	--	--	9	1%
Other or not reported	19	12%	155	11%

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

**Fatal occupational injuries by demographic characteristics  
Ohio, All Ownerships, 2003 to 2010**

Demographic characteristics	2010		2003-2010	
	Number	Percent	Number	Percent
<b>Total</b>	<b>161</b>		<b>1,400</b>	
<b>Gender</b>				
Men	146	91%	1,277	91%
Women	15	9%	123	9%
<b>Age</b>				
Under 16 years	--	--	12	1%
16 to 17 years	--	--	11	1%
18 to 19 years	4	2%	16	1%
20 to 24 years	5	3%	71	5%
25 to 34 years	27	17%	224	16%
35 to 44 years	33	20%	301	22%
45 to 54 years	35	22%	335	24%
55 to 64 years	32	20%	248	18%
65 years and over	23	14%	182	13%
<b>Race or ethnic origin<sup>1</sup></b>				
White, non-Hispanic	141	88%	1,215	87%
Black, non-Hispanic	10	6%	104	7%
Hispanic or Latino	8	5%	55	4%
American Indian, Aleut, Eskimo	--	--	3	0%
Asian	--	--	17	1%
Pacific Islander	--	--	--	--
Multiple races	--	--	--	--
Other or not reported	--	--	6	0%

<sup>1</sup>Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

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

**Fatal occupational injuries by metropolitan area  
Ohio, All Ownerships, 2003 to 2010**

<b>Metropolitan area<sup>1</sup></b>	<b>2010</b>	<b>2003-2010</b>	<b>Counties</b>
Akron, OH MSA	6	61	OH-Portage, Summit
Canton-Massillon, OH MSA	7	45	OH-Canton, Stark
Cincinnati-Middletown, OH-KY-IN MSA	20	239	OH-Clermont, Hamilton, Warren; IN- Franklin, Ohio, Boone; KY- Bracken, Campbell, Gallatin, Grant, Kenton, Pendleton, Brown;
Cleveland-Elyria-Mentor, OH MSA	31	214	OH-Cuyahoga, Geauga, Lake, Lorain, Medina
Columbus, OH MSA	22	199	OH-Delaware, Fairfield, Franklin, Licking, Madison, Morrow, Pickaway, Union
Dayton, OH MSA	8	90	OH-Greene, Miami, Montgomery, Preble
Huntington-Ashland, WV-KY-OH MSA	10	48	OH-Lawrence; KY-Boyd, Greenup; WV-Cabell, Wayne
Lima, OH MSA	--	12	OH-Allen
Mansfield, OH MSA	--	22	OH-Richland
Parkersburg-Marietta-Vienna, WV-OH MSA	--	15	OH-Washington; WV-Pleasants, Wirt, Wood
Sandusky, OH MSA	--	13	OH-Erie
Springfield, OH MSA	6	21	OH-Clark
Toledo, OH MSA	6	85	OH-Fulton, Lucas, Ottawa, Wood
Weirton-Steubenville, WV-OH MSA	--	24	OH-Jefferson; WV-Brooke, Hancock
Wheeling, WV-OH MSA	4	40	OH-Belmont; WV-Marshall, Ohio
Youngstown-Warren-Boardman, OH-PA MSA	10	80	OH-Mahoning, Trumbull; PA-Mercer

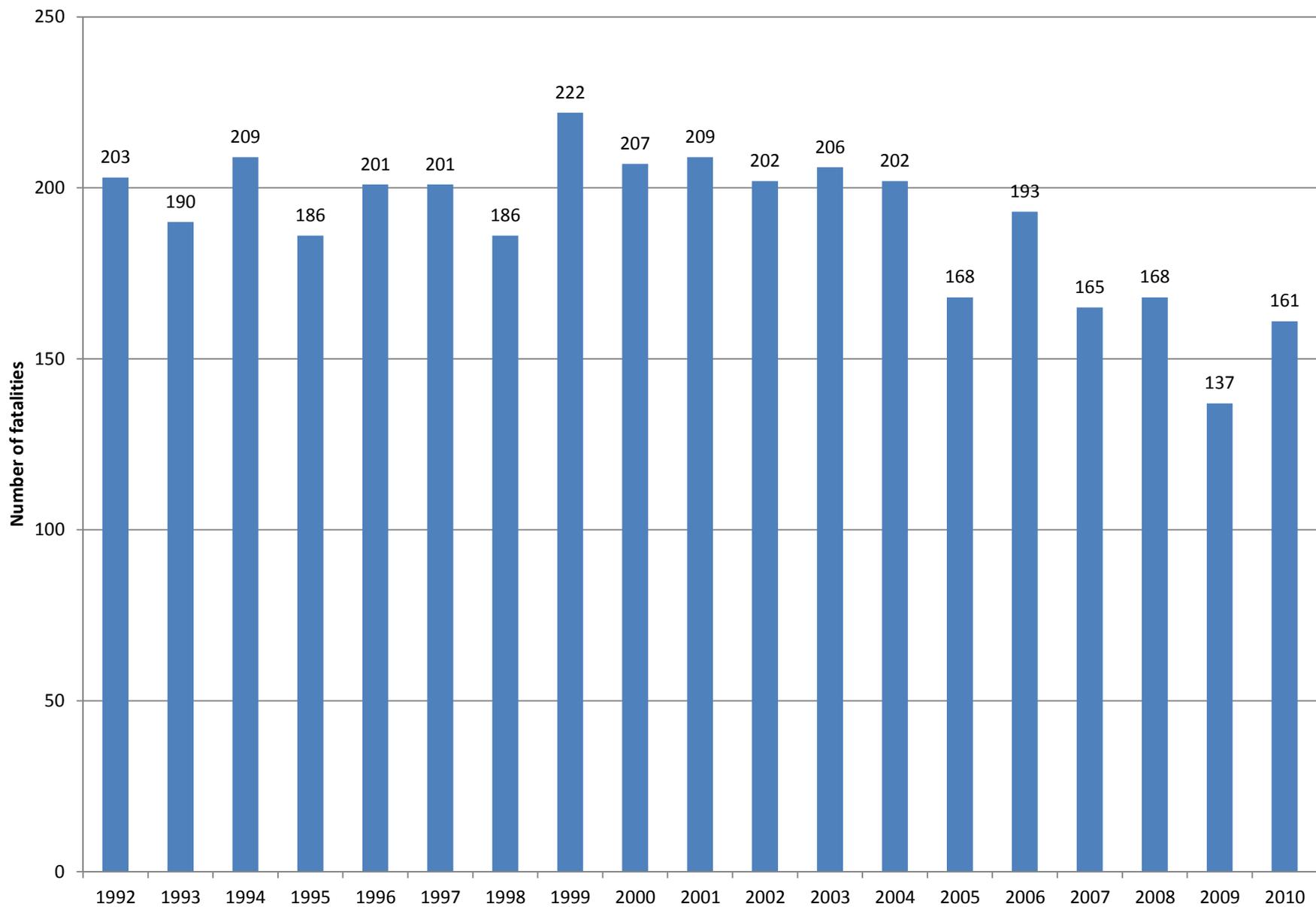
<sup>1</sup> Metropolitan areas used in this table are categorized into Metropolitan Statistical Areas (MSAs) and are based on definitions from the Office of Management and Budget Bulletin Number 05-02, February, 2005.

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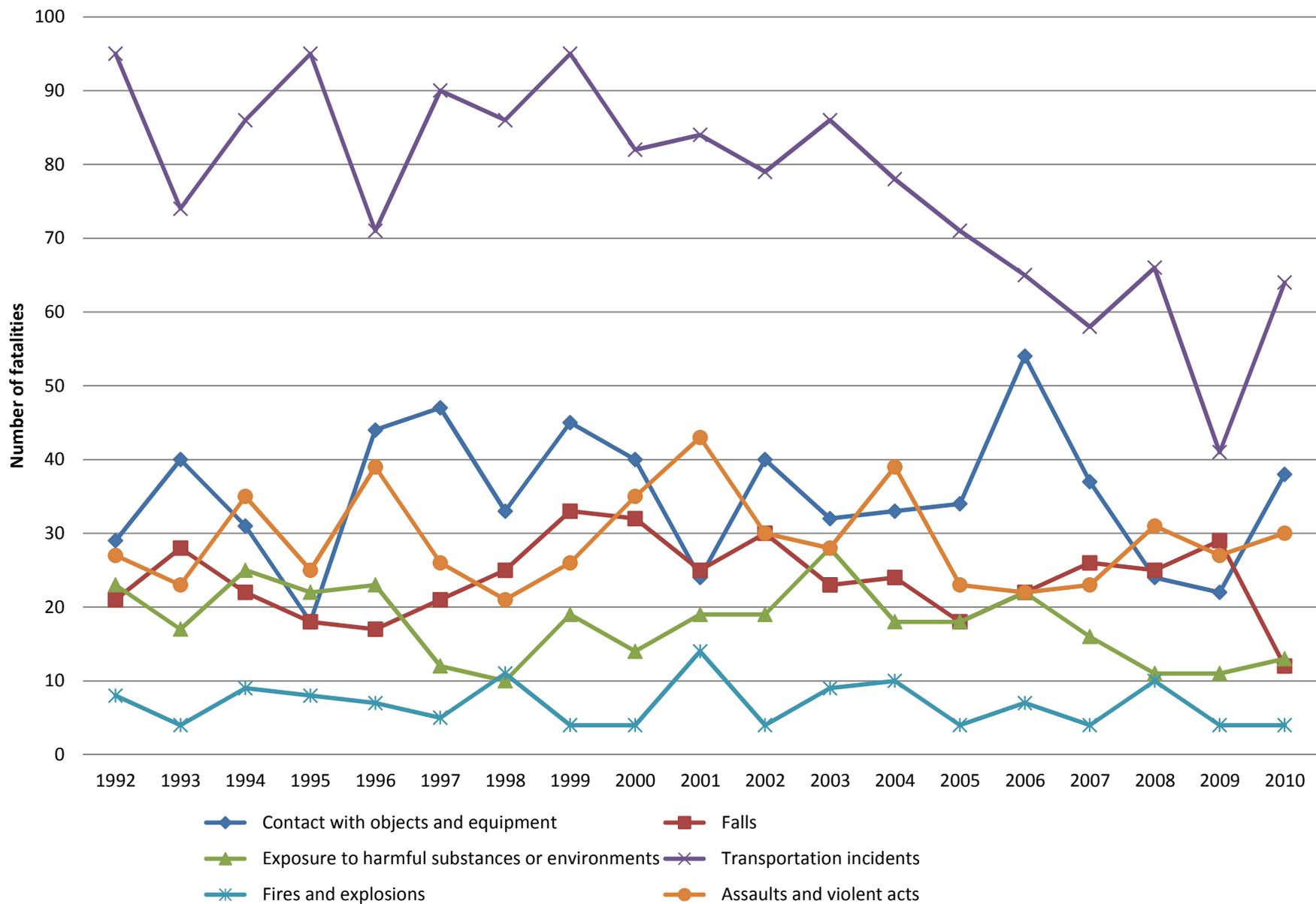
SOURCE: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

## Number of fatal work injuries, Ohio, 1992-2010



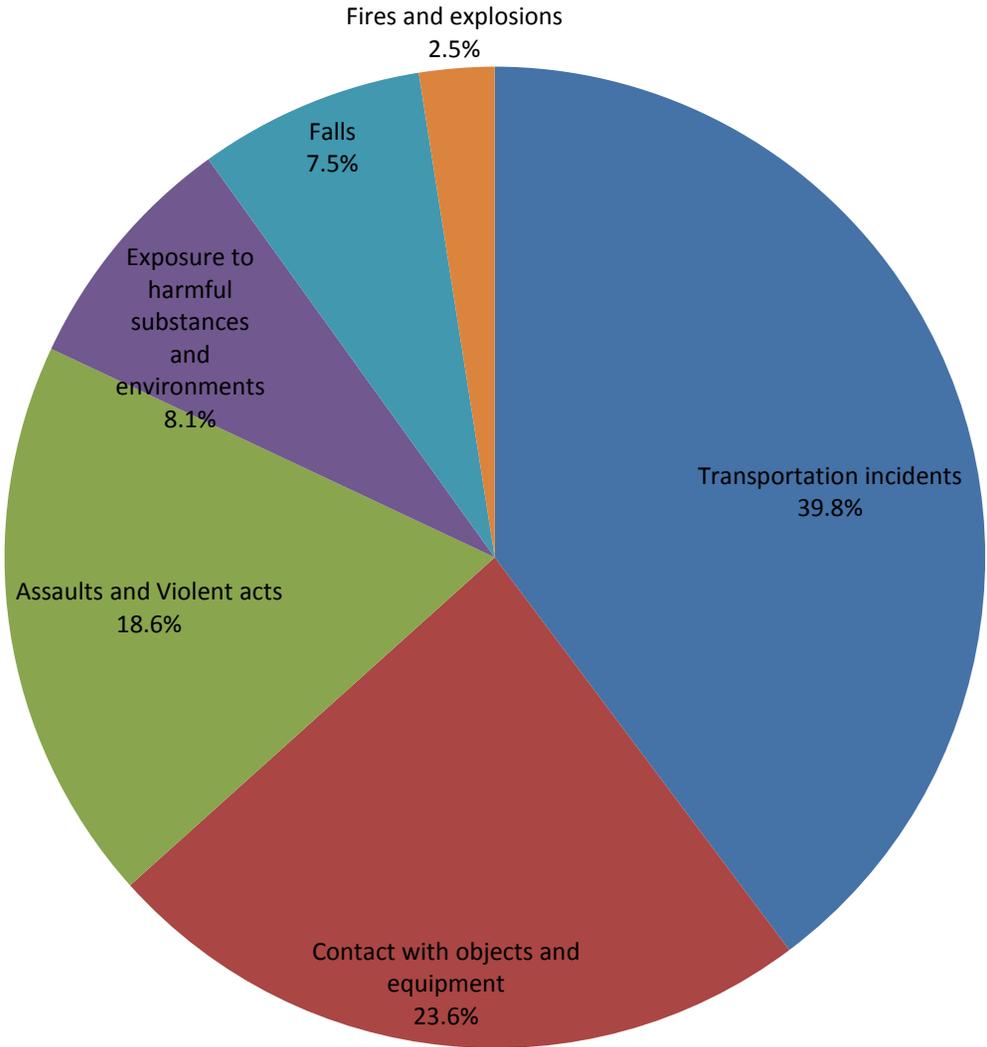
SOURCE: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

## Number of fatal work injuries by event/exposure, Ohio, 1992-2010



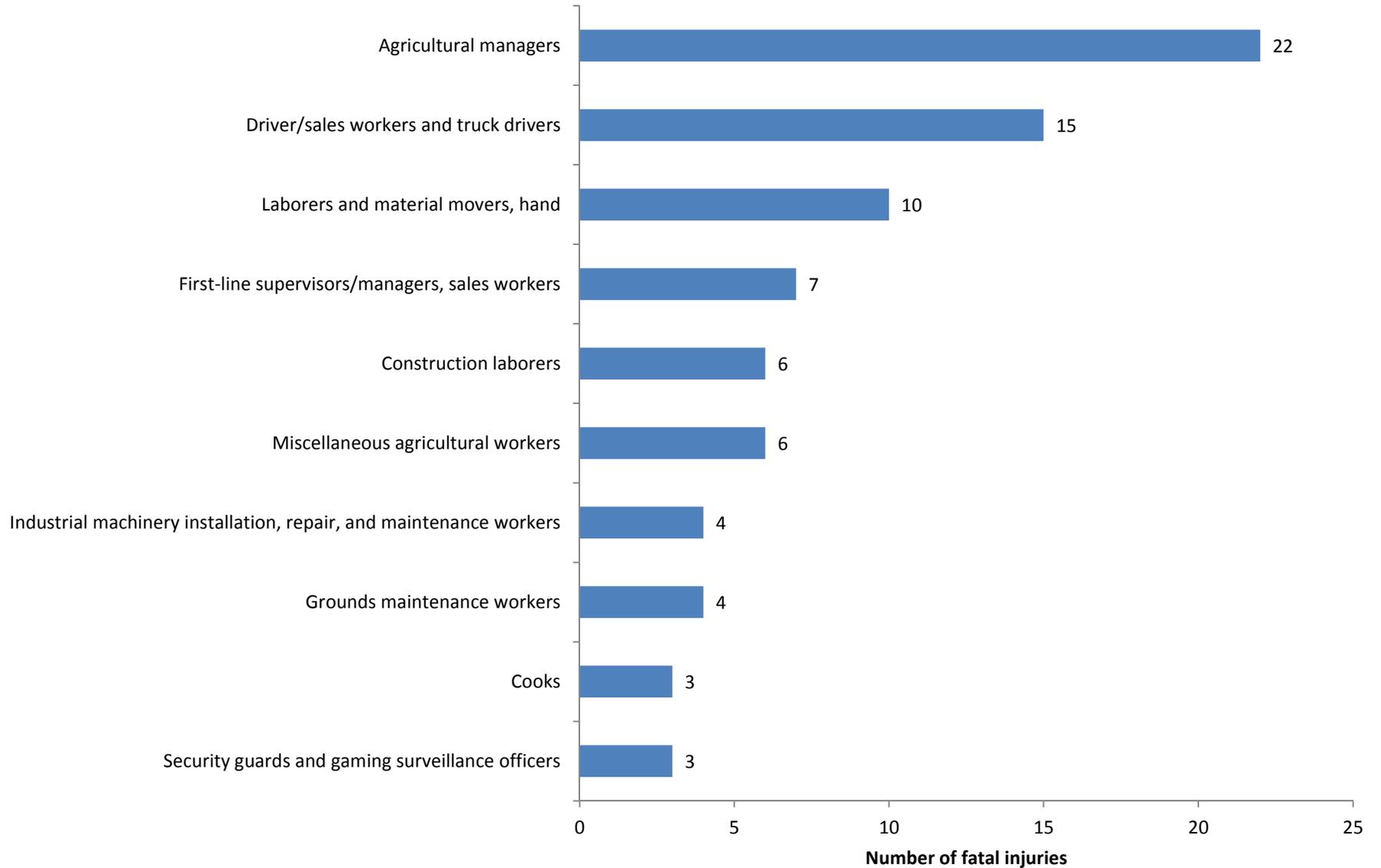
SOURCE: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

**Workplace fatal injuries by event or exposure, Ohio, 2010, all ownerships (161 total fatal injuries)**



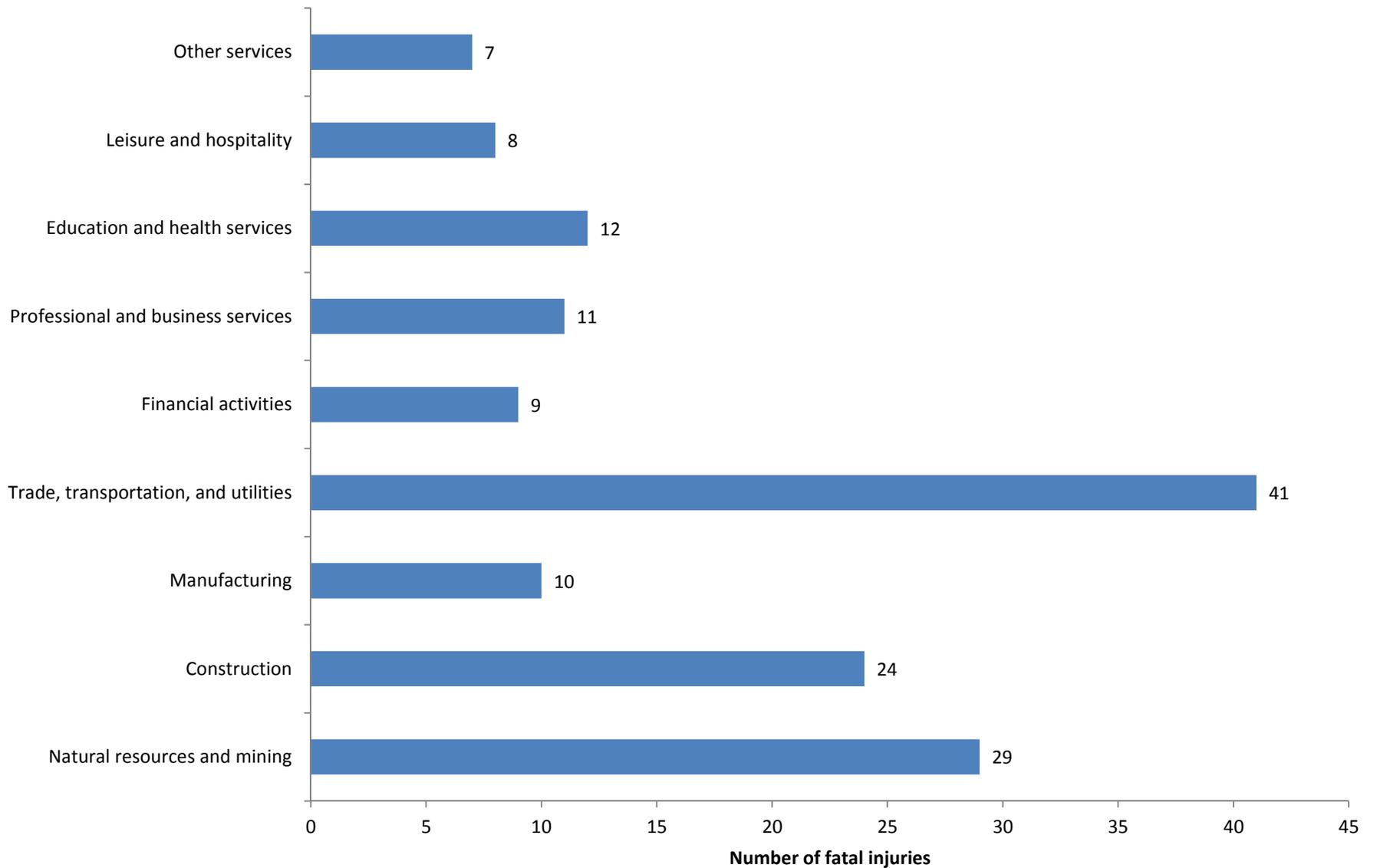
SOURCE: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

### Occupations with the largest number of worker fatal injuries, 2010, Ohio, all ownerships (161 total fatal injuries)



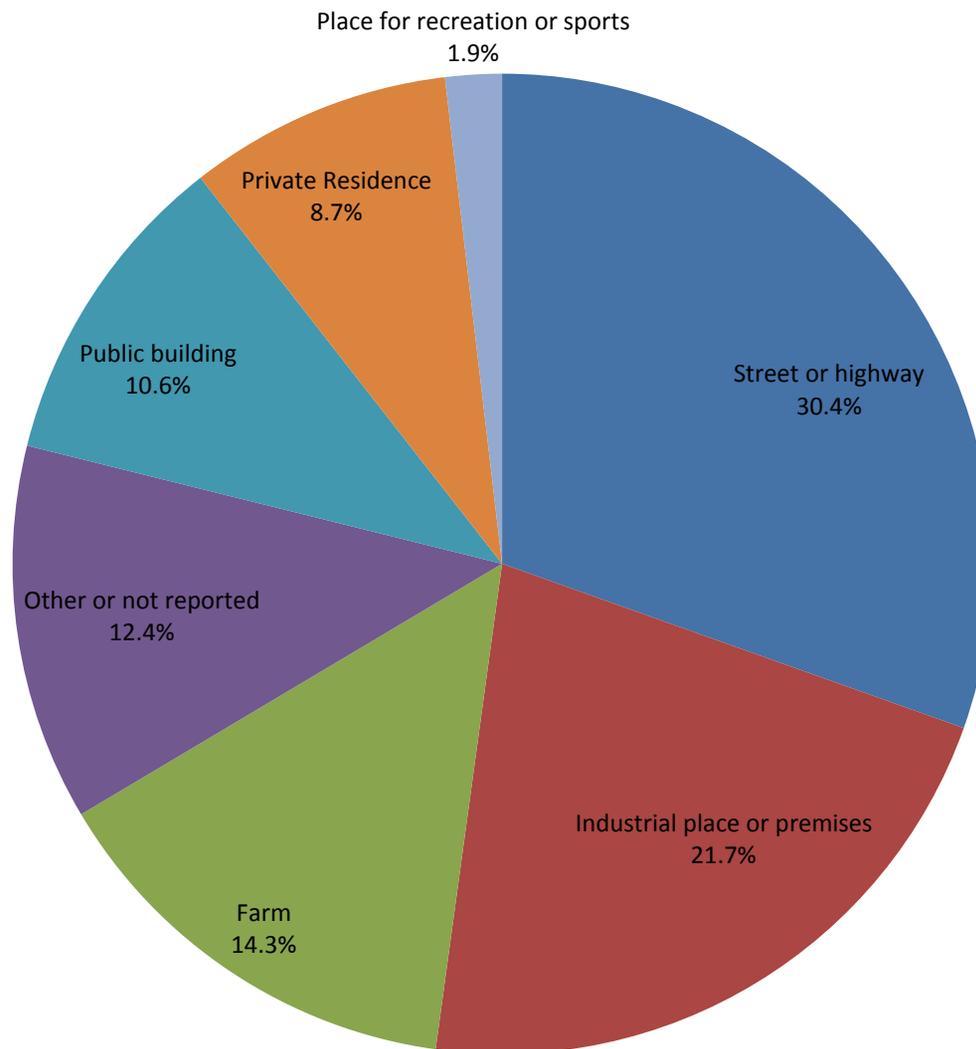
SOURCE: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

### Fatal work injuries in selected industries, 2010, Ohio, all ownerships (161 total fatal injuries)



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

### Fatal work injuries by location, Ohio, 2010, all ownerships (161 total fatal injuries)



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