				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Private industry ⁶		1,183,500	28.3	13.9	7.2	5.0	6.3	12.8	3.0
Goods producing ⁶		380,440	38.0	17.8	8.3	8.7	7.4	8.7	2.5
Natural resources and mining ^{6,7}		26,290	37.5	18.4	8.0	8.6	7.6	11.6	2.5
Agriculture, forestry, fishing and hunting ⁶	11	16,890	33.4	15.9	7.4	6.7	8.2	11.4	3.5
Crop production ⁶ Oilseed and grain farming ⁶ Vegetable and melon farming ⁶ Fruit and tree nut farming ⁶	111 1111 1112 1113	6,760 70 1,470 2,370	33.3 28.6 35.4 35.4	14.1 - 12.9 16.0	8.7 - 8.8 12.2	6.2 - 9.5 2.1	10.4 - 6.8 16.5	11.1 - 8.2 9.3	5.3 - 8.2 4.2
Greenhouse, nursery, and floriculture production ⁶ Other crop farming ⁶ Animal production ⁶ Cattle ranching and farming ⁶	1114 1119 112 1121	2,120 730 3,900 2,380	30.7 28.8 31.3 31.5	13.7 11.0 14.9 14.7	6.6 4.1 5.9 5.5	8.5 6.8 9.0 10.9	4.7 13.7 5.4 7.1	10.8 21.9 14.1 15.1	6.1 - 2.6 2.5
Beef cattle ranching and farming, including feedlots ⁶ Dairy cattle and milk production ⁶ Hog and pig farming ⁶ Poultry and egg production ⁶ Animal aquaculture ⁶ Other animal production ⁶ Forestry and logging	11211 11212 1122 1123 1125 1129 113	740 1,640 560 590 120 250 1,370	25.7 34.1 33.9 30.5 16.7 28.0 47.4	13.5 15.2 21.4 10.2 – 20.0 38.0	2.7 6.7 7.1 6.8 - 5.1	10.8 11.6 3.6 10.2 - 1.5	13.5 4.3 - 6.8 - 8.0	8.1 18.3 8.9 20.3 - 8.0	4.1 2.4 - 3.4 - 1.5
Timber tract operations Forest nurseries and gathering of forest products Logging Fishing, hunting and trapping Fishing Support activities for agriculture and forestry Support activities for crop production	1131 1132 1133 114 1141 115 1151	20 30 1,320 170 60 4,680 3,770 3,770	- 48.5 35.3 - 31.2 32.6	- 38.6 17.6 - 12.8 13.3	- 5.3 - 7.7 7.7	- 1.5 - 7.3 7.7	- 8.3 - 7.7 7.7	- 8.3 47.1 - 9.2 9.0	- 1.5 - 2.6 2.7
Support activities for crop production Cotton ginning Soil preparation, planting, and cultivating Postharvest crop activities (except	11511 115111 115112	3,770 260 320	32.6 57.7 15.6	13.3 15.4 12.5	7.7 19.2 –	7.7 23.1 –	7.7 15.4 –	9.0 - 18.8	2.7 - -
Farm labor contractors and crew leaders	115114 115115	1,300 1,420	34.6 31.0	12.3 10.6	5.4 10.6	13.1 2.1	5.4 8.5	8.5 9.2	- 4.2
Farm management services Support activities for animal production	115115 115116 1152	330 670	33.3 23.9	27.3 7.5	- 7.5	- 7.5	8.5 - 10.4	9.2 - 10.4	4.2 - -

	Percent of industry case total involving —										
	Overe	xertion		Expo-			Assault	ts and viol	ent acts		
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵	
Private industry ⁶	24.1	12.8	3.2	4.8	4.7	0.2	1.9	1.3	0.5	10.6	
Goods producing ⁶	19.7	10.6	4.6	4.5	3.1	.3	.5	.1	.4	10.6	
Natural resources and mining ^{6,7}	14.7	6.4	1.3	5.4	5.5	.4	3.5	.4	3.1	9.9	
Agriculture, forestry, fishing and hunting ⁶	11.0	6.1	1.7	5.2	7.2	.4	5.3	.6	4.7	12.8	
Crop production ⁶	13.5	7.4	1.3	5.9	5.9	.3	1.2	.3	.9	12.1	
Oilseed and grain farming ⁶	-	-	-	-	-	-	-	-	-	-	
Vegetable and melon farming ⁶ Fruit and tree nut farming ⁶ Greenhouse, nursery, and floriculture	17.0 9.7	12.2 5.9	_ 2.1	4.8 4.6	6.8 5.9	1.4 -	_ 1.7	_	1.3	10.9 11.0	
production ⁶	17.9	7.1	1.4	8.5	5.2	_	.9	_	.9	12.7	
Other crop farming ⁶	6.8	2.7	_	5.5	6.8	-		_		16.4	
Animal production ⁶	12.1	5.9	1.5	4.9	3.8	1.0	14.6	1.0	13.6	8.7	
Cattle ranching and farming ⁶ Beef cattle ranching and farming,	7.6	3.4	_	4.6	2.9	-	17.6	1.7	16.0	10.5	
including feedlots ⁶	9.5	4.1	-	5.4	6.8	-	12.2	-	12.2	13.5	
Dairy cattle and milk production ⁶	6.7	2.4	-	3.7	1.2	-	20.1	2.4	17.7	9.1	
Hog and pig farming ⁶	19.6	8.9	5.4	7.1	-	-	12.5	-	12.5	3.6	
Poultry and egg production ⁶	13.6	6.8	3.4	6.8	6.8	-	-	-	-	6.8	
Animal aquaculture ⁶	50.0	33.3	-	-	-	-	-	-	-	-	
Other animal production ⁶	12.0	12.0	-	-	-	-	28.0	-	28.0	12.0	
Forestry and logging	5.1	-	2.2	2.2	12.4	-	-	-	-	13.1	
Timber tract operations	-	-	-	-	-	-	-	-	-	-	
Forest nurseries and gathering of forest	_										
products	- 3.8	_	2.3	2.3	12.1	_	_	_		-	
Logging Fishing, hunting and trapping	3.0 —	_	2.3	2.3	- 12.1	_	_	_		12.9	
Fishing	_	_	33.3	_	_	_	_	_		_	
Support activities for agriculture and forestry	8.3	6.2	1.9	5.3	10.5	_	5.6	.9	4.7	17.5	
Support activities for crop production	9.5	7.2	1.9	6.1	9.8	_	.8		.8	19.9	
Support activities for crop production	9.5	7.2	1.9	6.1	9.8	-	.8	_	.8	19.9	
Cotton ginning	11.5	-	-	-	-	-	-	-	-	-	
Soil preparation, planting, and cultivating	9.4	9.4	-	-	-	-	-	-	-	34.4	
Postharvest crop activities (except cotton ginning)	12.3	10.8	1.5	8.5	10.8	_	_	_	_	16.9	
Farm labor contractors and crew											
leaders	5.6	4.2	-	4.2	8.5	-	2.1	-	1.4	27.5	
Farm management services	15.2	15.2	-	-	21.2	-	-	-	-	-	
Support activities for animal production	3.0	-	3.0	-	11.9	-	32.8	4.5	28.4	4.5	

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Support activities for forestry	1153	240	33.3	20.8	8.3	-	_	8.3	_
Mining ⁷	21	9,410	44.7	22.7	9.0	12.0	6.7	12.1	0.9
Oil and gas extraction Oil and gas extraction Oil and gas extraction Crude petroleum and natural gas	211 2111 21111	670 670 670	40.3 40.3 40.3	19.4 19.4 19.4	7.5 7.5 7.5	11.9 11.9 11.9	7.5 7.5 7.5	11.9 11.9 11.9	- - -
extraction Mining (except oil and gas) ⁸ Coal mining ⁸ Coal mining ⁸ Bituminous coal and lignite surface	211111 212 2121 2121 21211	620 4,780 2,790 2,790	43.5 46.4 48.7 48.7	21.0 23.0 25.4 25.4	8.1 13.2 13.6 13.6	12.9 9.6 9.0 9.0	8.1 6.7 5.0 5.0	12.9 10.0 9.7 9.7	- - - -
mining ⁸ Bituminous coal underground mining ⁸ Anthracite mining ⁸	212111 212112 212113	590 2,160 40	40.7 51.4 -	11.9 29.6 —	22.0 11.1 -	6.8 10.2 -	15.3 2.3 –	10.2 9.7 -	- - -
Metal ore mining ⁸ Iron ore mining ⁸ Gold ore and silver ore mining ⁸	2122 21221 21222	340 50 70	41.2 40.0 42.9	14.7 - -	17.6 - -	8.8 - -	5.9 	11.8 - -	-
Gold ore mining ⁸ Silver ore mining ⁸	212221 212222	60 20	33.3		-	-	-	-	
Copper, nickel, lead, and zinc mining ⁸ Lead ore and zinc ore mining ⁸ Copper ore and nickel ore mining ⁸	21223 212231 212234	150 20 130	40.0 - 46.2	13.3 - -	20.0 - 23.1			13.3 - 15.4	
Other metal ore mining ⁸ All other metal ore mining ⁸	212234 21229 212299	70 70	40.2 42.9 42.9	-		-	-		-
Nonmetallic mineral mining and quarrying ⁸ Stone mining and quarrying ⁸ Dimension stone mining and	2123 21231	1,650 890	43.6 44.9	20.6 21.3	11.5 11.2	10.9 12.4	9.7 9.0	10.3 9.0	_ _
quarrying ⁸ Crushed and broken limestone mining	212311	220	50.0	27.3	9.1	13.6	-	9.1	_
and quarrying ⁸ Crushed and broken granite mining and quarrying ⁸	212312 212313	420 70	42.9 42.9	19.0	11.9	11.9	9.5	11.9	_
Other crushed and broken stone mining and quarrying ⁸ Sand, gravel, clay, and ceramic and	212319	180	44.4	22.2	11.1	11.1	11.1	_	_
refractory minerals mining and quarrying ⁸ Construction sand and gravel mining ⁸ Kaolin and ball clay mining ⁸	21232 212321 212324	610 520 40	44.3 44.2 –	21.3 23.1 -	13.1 13.5 –	9.8 9.6 -	11.5 11.5 —	11.5 11.5 -	- - -
Clay and ceramic and refractory minerals mining ⁸	212325	50	40.0	_	_	-	-	_	-

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Support activities for forestry	8.3	-	-	12.5	12.5	-	-	-	-	16.7
Mining ⁷	21.5	6.8	0.5	5.6	2.6	0.4	0.2	-	0.2	4.6
Oil and gas extraction Oil and gas extraction Oil and gas extraction	14.9 14.9 14.9	6.0 6.0 6.0	- - -	3.0 3.0 3.0	7.5 7.5 7.5	- - -	- - -	_ _ _	- - -	11.9 11.9 11.9
Crude petroleum and natural gas extraction Mining (except oil and gas) ⁸ Coal mining ⁸ Coal mining ⁸	12.9 29.5 30.1 30.1	4.8 7.7 7.9 7.9	- .6 - -	3.2 3.8 2.5 2.5	8.1 .8 1.1 1.1	- - -	- - -	_ _ _ _	- - -	8.1 1.9 2.2 2.2
Bituminous coal and lignite surface mining ⁸ Bituminous coal underground mining ⁸ Anthracite mining ⁸	25.4 31.5 _	5.1 8.8 –		5.1 1.9 –	_ 9 _	- -				_ 2.3 _
Metal ore mining ⁸ Iron ore mining ⁸ Gold ore and silver ore mining ⁸	32.4 40.0 42.9	5.9 - -	- - -	5.9 - -	- - -	_ _ _	- - -	- - -	- - -	_ _ _
Gold ore mining ⁸ Silver ore mining ⁸ Copper, nickel, lead, and zinc mining ⁸ Lead ore and zinc ore mining ⁸	33.3 _ 26.7 _							- - -	- - -	_ _ _ _
Copper ore and nickel ore mining ⁸ Other metal ore mining ⁸ All other metal ore mining ⁸	30.8 28.6 28.6		_ _ _	- - -	- - -					_ _ _ _
Nonmetallic mineral mining and quarrying ⁸ Stone mining and quarrying ⁸ Dimension stone mining and	27.9 29.2	8.5 9.0		5.5 5.6		-	-		-	1.8 2.2
quarrying ⁸ Crushed and broken limestone mining and quarrying ⁸	31.8 28.6	9.1 7.1	-	- 7.1	-	_	-	-	-	
Crushed and broken granite mining and quarrying ⁸	28.6	-	_	-	_	_	_	_	_	_
Other crushed and broken stone mining and quarrying ⁸ Sand, gravel, clay, and ceramic and refractory minerals mining and	27.8	-	-	-	-	-	-	_	-	_
quarrying ⁸ Construction sand and gravel mining ⁸ Kaolin and ball clay mining ⁸	24.6 23.1 -	6.6 5.8 -	- - -	6.6 5.8 —	- - -	- - -	- - -	- - -	- - -	_ _ _
Clay and ceramic and refractory minerals mining ⁸	40.0	-	-	-	-	-	-	-	-	-

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Other nonmetallic mineral mining and quarrying ⁸	21239	150	40.0	20.0	13.3	_	13.3	13.3	_
Potash, soda, and borate mineral mining ⁸ Other chemical and fertilizer mineral	212391	70	28.6	-	-	-	-	_	-
mining ⁸	212393	40	50.0	-	-	-	-	-	-
All other nonmetallic mineral mining ⁸	212399	30	66.7	-	4.3	-	- 6.6	- 14.7	-
Support activities for mining Support activities for mining	213 2131	3,950 3,950	43.5 43.5	22.8 22.8	4.3	14.9 14.9	6.6	14.7	1.8 1.8
Support activities for mining	2131	3,950	43.5	22.8	4.3	14.9	6.6	14.7	1.8
Drilling oil and gas wells Support activities for oil and gas	213111	1,360	54.4	30.1	2.2	19.9	6.6	9.6	1.5
operations	213112	2,590	37.8	18.9	5.0	12.4	6.6	17.4	1.9
Construction		153,180	38.2	19.7	9.5	5.5	11.9	8.0	2.8
Construction	23	153,180	38.2	19.7	9.5	5.5	11.9	8.0	2.8
Construction of buildings	236	29,320	37.9	16.9	11.6	5.1	14.3	7.9	3.3
Residential building construction	2361	16,640	37.7	17.4	11.8	5.0	16.1	8.1	3.1
Nonresidential building construction	2362	12,680	38.0	16.2	11.3	5.1	11.8	7.6	3.6
Heavy and civil engineering construction Utility system construction	237 2371	19,400 9,010	41.5 43.1	21.6 23.9	7.8 5.3	9.2 10.9	7.4 7.7	9.7 7.7	2.7 3.4
Water and sewer line and related structures construction	23711	5,210	48.0	28.6	3.8	11.5	7.9	5.8	3.3
Oil and gas pipeline and related structures construction Power and communication line and	23712	920	46.7	26.1	6.5	9.8	5.4	14.1	4.3
related structures construction	23713	2,880	33.0	14.2	7.6	10.1	8.0	9.0	3.1
Land subdivision	2372	450	26.7	15.6	6.7	-	8.9	15.6	_
Highway, street, and bridge construction Other heavy and civil engineering	2373	7,660	37.7	18.0	9.3	7.2	6.9	10.8	1.8
construction	2379	2,270	51.5	26.0	13.2	11.0	7.9	12.8	2.6
Specialty trade contractors Foundation, structure, and building exterior	238	104,460	37.6	20.2	9.2	4.9	12.1	7.7	2.6
contractors Poured concrete foundation and	2381	28,820	42.3	23.1	9.7	6.2	13.5	8.2	2.2
structure contractors Structural steel and precast concrete	23811	5,240	46.6	23.5	12.0	6.9	9.4	8.0	3.6
contractors	23812	2,850	49.8	24.2	15.4	7.0	8.1	11.2	2.1
Framing contractors	23813	5,410	49.7	32.3	9.2	4.1	18.9	7.6	1.3
Masonry contractors	23814	5,900	33.2	14.4	6.8	10.0	12.5	13.1	1.5
Glass and glazing contractors	23815 23816	1,500 5,620	46.7 31.3	34.7 17.8	6.0 8.2	2.7 2.0	9.3 19.9	3.3 4.3	4.0 2.5
Roofing contractors	20010	5,620	51.5	17.0	0.2	2.0	19.9	4.5	2.0

	Percent of industry case total involving —									
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Other nonmetallic mineral mining and										
quarrying ⁸ Potash, soda, and borate mineral	33.3	13.3	_	-	-	_	_	-	-	_
mining ⁸ Other chemical and fertilizer mineral	28.6	-	-	-	-	_	_	-	-	_
mining ⁸	_	_	_	-	_	_	_	_	_	_
All other nonmetallic mineral mining ⁸	-	-	-	-	-	-	-	-	-	-
Support activities for mining	12.9	6.1	-	8.4	3.8	1.0	-	-	-	6.6
Support activities for mining	12.9	6.1	_	8.4	3.8	1.0	_	-	-	6.6
Support activities for mining	12.9	6.1	_	8.4	3.8	1.0	_	-	-	6.6
Drilling oil and gas wells Support activities for oil and gas	12.5	5.1	-	4.4	1.5	-	-	-	-	8.1
operations	13.1	6.6	-	10.4	5.0	1.2	_	-	-	6.2
Construction	17.4	10.1	1.7	3.3	4.1	.4	0.3	0.1	0.2	11.9
Construction	17.4	10.1	1.7	3.3	4.1	.4	.3	.1	.2	11.9
Construction of buildings	18.4	10.2	.9	2.1	1.4	.7	.1	_	.1	13.0
Residential building construction	18.9	11.9	.6	2.2	1.1	1.1		_		10.7
Nonresidential building construction	17.7	8.0	1.2	2.0	1.7		_	_	_	16.2
Heavy and civil engineering construction	15.4	8.0	.9	4.0	7.9	.3	.4	.2	.3	9.8
Utility system construction	17.4	9.4	1.1	4.0	5.2	.2	.4	2	.3	9.9
Water and sewer line and related structures construction	18.4	10.7	1.3	2.1	4.0	-	_	-	-	8.8
Oil and gas pipeline and related structures construction	10.9	6.5	_	3.3	3.3	_	_	_	_	7.6
Power and communication line and										
related structures construction	17.7	8.0	.7	7.3	8.0	-	.7	-	-	12.5
Land subdivision	22.2	11.1	-	8.9	-	-	4.4	-	-	6.7
Highway, street, and bridge construction Other heavy and civil engineering	14.6	6.7	.9	4.2	12.1	.3	.3	-	-	10.3
construction	8.4	6.6	_	2.2	5.7	_	_	_	-	7.9
Specialty trade contractors Foundation, structure, and building exterior	17.5	10.5	2.1	3.6	4.2	.3	.3	.1	.2	12.0
contractors	15.4	9.2	.8	3.0	2.6	.1	.5	.2	.3	11.4
Poured concrete foundation and structure contractors	18.3	9.2	.8	1.7	2.3	-	_	-	-	9.0
Structural steel and precast concrete	40.0									
contractors	10.9	6.3	-	3.2		-	-	-	-	14.4
Framing contractors	13.3	8.3	-	.6	.7	-	-	-	-	7.6
Masonry contractors	16.8	11.0	1.5	1.4	7.6	-	-	-	-	12.4
Glass and glazing contractors	20.0	14.7	2.0	-	-	-	-		-	14.0
Roofing contractors	14.9	7.8	.5	9.6	1.8	-	1.8	.7	.9	13.2

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Siding contractors Other foundation, structure, and building	23817	1,570	49.7	24.2	15.9	4.5	8.9	2.5	_
exterior contractors	23819	730	61.6	31.5	2.7	24.7	5.5	15.1	_
Building equipment contractors		40,930	33.5	16.0	10.3	4.2	10.8	7.0	3.2
Electrical contractors	23821	16,130	36.1	16.6	11.0	5.3	12.9	7.3	2.1
Plumbing, heating, and air-conditioning		,							
contractors	23822	23,010	31.5	15.4	9.9	3.5	9.3	6.3	4.1
Other building equipment contractors	23829	1,790	35.8	19.6	9.5	3.9	11.2	12.3	1.7
Building finishing contractors	2383	20,930	35.9	19.4	9.2	3.6	14.8	8.5	2.5
Drywall and insulation contractors		8,200	29.4	15.0	8.0	2.6	17.3	10.0	3.0
Painting and wall covering contractors	23832	3,850	37.1	20.5	12.5	3.4	21.6	4.2	3.4
Flooring contractors		1,720	29.7	14.5	5.2	4.7	7.0	15.7	4.1
Tile and terrazzo contractors		1,670	47.3	24.0	15.0	4.2	6.6	16.8	-
Finish carpentry contractors		4,150	46.7	29.2	9.4	3.4	9.9	4.8	1.0
Other building finishing contractors		1,340	32.8	14.9	3.7	8.2	14.9	3.0	-
Other specialty trade contractors		13,790	42.6	27.3	5.0	6.1	8.6	7.7	1.9
Site preparation contractors		7,580	40.9	23.2	4.0	7.8	9.2	8.3	1.5
All other special trade contractors	23899	6,210	44.4	32.0	6.3	3.9	8.1	6.9	2.4
Manufacturing		200,970	38.0	16.2	7.5	11.1	3.9	8.9	2.3
Manufacturing	31-33	200,970	38.0	16.2	7.5	11.1	3.9	8.9	2.3
Food manufacturing	311	23,960	34.1	14.7	7.0	10.4	5.5	12.4	2.7
Animal food manufacturing		860	32.6	14.0	9.3	8.1	12.8	10.5	_
Animal food manufacturing		860	32.6	14.0	9.3	8.1	12.8	10.5	_
Dog and cat food manufacturing	311111	270	40.7	18.5	7.4	18.5	-	18.5	_
Other animal food manufacturing	311119	580	27.6	12.1	10.3	3.4	17.2	5.2	_
Grain and oilseed milling		770	26.0	10.4	3.9	9.1	10.4	11.7	3.9
Flour milling and malt manufacturing		290	31.0	13.8	-	10.3	10.3	10.3	-
Flour milling		180	33.3	11.1	-	11.1	11.1	-	-
Rice milling		70	28.6	-	-	-	-	-	-
Malt manufacturing	311213	40	-	-	-	-	-	-	-
Starch and vegetable fats and oils	04400	000	04.4	40.7		74	44.0	44.0	
manufacturing	31122	280	21.4	10.7	-	7.1	14.3	14.3	-
Wet corn milling Soybean processing		50 70	_		_	_	_ 28.6	_	-
Other oilseed processing	311222	70 30	_		_	_	20.0	_	
Fats and oils refining and blending		130	23.1	15.4	_	_	_ 15.4	_ 15.4	_
Breakfast cereal manufacturing		210	23.1	9.5	_	9.5	-	9.5	_
Sugar and confectionery product		2.0	20.0	0.0		0.0		0.0	
manufacturing	3113	1,260	23.8	10.3	4.8	7.1	5.6	9.5	3.2
Sugar manufacturing		300	26.7	13.3	6.7	6.7	6.7	10.0	6.7
Sugarcane mills		90	33.3	-	_	-	_	22.2	_
-									

	Percent of industry case total involving —									
	Overe	xertion		Expo-			Assault	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Siding contractors Other foundation, structure, and building	15.3	10.2	-	_	-	-	-	-	-	19.1
exterior contractors	9.6	8.2	_	_	2.7	-	_	_	-	_
Building equipment contractors	21.0	12.7	2.8	3.8	4.7	0.4	0.3	0.1	0.2	12.4
Electrical contractors	15.5	7.6	1.5	3.8	6.4	.8	.5	_	.4	13.1
Plumbing, heating, and air-conditioning										
contractors	25.1	16.7	3.6	3.9	3.7	.2	.2	.1		12.1
Other building equipment contractors	19.0	8.4	3.9	2.2	2.8	-	_	-	-	9.5
Building finishing contractors	17.4	10.1	2.9	4.3	2.3	.3	.2	_		11.0
Drywall and insulation contractors	19.0	9.5	1.1	2.7	3.2	-	_	-	-	14.1
Painting and wall covering contractors	15.1	8.6	-	4.7	-	1.3	1.0	-	-	10.6
Flooring contractors	19.8	13.4	15.7	-	-	-	_	-	-	8.1
Tile and terrazzo contractors	19.2	8.4	-	-	-	-	_	-	-	6.6
Finish carpentry contractors	14.9	11.3	5.1	10.8	3.6	-	-	-	-	3.4
Other building finishing contractors	17.2	11.9	-	-	2.2	-	_	-	-	26.1
Other specialty trade contractors	11.7	7.0	1.7	3.0	8.8	-	.4	-	.4	13.6
Site preparation contractors	11.9	6.5	1.7	2.2	8.7	-	-	-	-	15.4
All other special trade contractors	11.6	7.9	1.6	4.0	8.9	-	.8	-	.6	11.3
Manufacturing	22.1	11.6	7.3	5.3	2.0	.2	.3	.1	.2	9.6
Manufacturing	22.1	11.6	7.3	5.3	2.0	.2	.3	.1	.2	9.6
Food manufacturing	19.4	9.8	6.8	7.0	2.5	.1	.5	.2	.3	9.0
Animal food manufacturing	18.6	10.5	5.8	5.8	3.5	-	_	-	_	9.3
Animal food manufacturing	18.6	10.5	5.8	5.8	3.5	-	_	_	-	9.3
Dog and cat food manufacturing	18.5	7.4	_	-	-	-	_	_		11.1
Other animal food manufacturing	19.0	12.1	8.6	6.9	5.2	-	_	_		10.3
Grain and oilseed milling	23.4	10.4	2.6	6.5	2.6	-	_	-	-	11.7
Flour milling and malt manufacturing	24.1	10.3	-	-	-	-	-	-	-	13.8
Flour milling	16.7	11.1	-	-	-	-	-	-	-	16.7
Rice milling	28.6	-	-	-	-	-	-	-	-	-
Malt manufacturing	-	-	-	-	-	-	-	-	-	-
Starch and vegetable fats and oils										
manufacturing	17.9	10.7	-	14.3	-	-	-	-	-	-
Wet corn milling	-	-	-	-	-	-	-	-	-	-
Soybean processing	28.6	-	-	-	-	-	-	-	-	-
Other oilseed processing		-	-	-	-	-	-	-	-	-
Fats and oils refining and blending	15.4	-	-	15.4	-	-	-	-	-	_
Breakfast cereal manufacturing	28.6	9.5	-	-	-	-	-	-	-	19.0
Sugar and confectionery product	0- 0	4.5 -								
manufacturing	27.8	16.7	4.0	10.3	1.6	-	-	-	-	14.3
Sugar manufacturing	20.0	6.7	-	16.7	-	-	-	-	-	10.0
Sugarcane mills	-	-	-	-	-	-	-	-	-	-
										L

				Perce	ent of indu	stry case to	otal involvi	ng —	1
				Contact w	vith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips withou fall
Cane sugar refining	311312	50	_	_	_	_	_	_	_
Beet sugar manufacturing Chocolate and confectionery	311313	160	25.0	12.5	-	-	_	-	-
manufacturing from cacao beans Confectionery manufacturing from	31132	130	30.8	-	15.4	-	-	15.4	-
purchased chocolate Nonchocolate confectionery	31133	500	24.0	12.0	-	8.0	4.0	10.0	-
manufacturing Fruit and vegetable preserving and	31134	330	15.2	6.1	-	9.1	6.1	9.1	-
specialty food manufacturing Frozen food manufacturing	3114 31141	2,590 1,110	31.3 34.2	11.6 10.8	6.9 8.1	10.8 13.5	5.4 6.3	15.8 18.0	4.2 3.6
Frozen fruit, juice, and vegetable manufacturing Frozen specialty food manufacturing	311411 311412	520 600	28.8 36.7	9.6 11.7	7.7 8.3	11.5 16.7	3.8 8.3	17.3 18.3	3.8 3.3
Fruit and vegetable canning, pickling, and drying	31142	1,470	29.3	12.2	6.1	8.2	4.1	14.3	4.8
Fruit and vegetable canning Dried and dehydrated food		1,080	28.7	13.0	6.5	7.4	4.6	13.9	3.7
manufacturing Dairy product manufacturing Dairy product (except frozen)	311423 3115	270 3,190	29.6 24.8	11.1 10.3	7.4 5.3	7.4 8.2	_ 5.6	18.5 14.7	7.4
manufacturing Fluid milk manufacturing	31151 311511	2,880 1,870	25.3 24.1	11.1 10.7	5.6 5.9	8.0 7.0	5.9 5.9	14.9 18.2	2.4
Cheese manufacturing Dry, condensed, and evaporated	311513	750	29.3	14.7	4.0	9.3	4.0	9.3	2.7
dairy product manufacturing Ice cream and frozen dessert	311514	230	21.7	-	-	13.0	8.7	8.7	-
manufacturing Animal slaughtering and processing Animal slaughtering and processing Animal (except poultry) slaughtering Meat processed from carcasses Rendering and meat byproduct	31152 3116 31161 311611 311612	300 6,950 6,950 2,190 2,470	20.0 40.4 40.4 38.8 48.2	20.7 20.7 20.1 27.1	6.7 7.8 7.8 6.4 8.9	10.0 9.6 9.6 9.1 10.1	- 4.2 3.2 3.6	13.3 10.9 10.9 10.0 9.3	- 2.3 2.3 2.3 2.8
processing Poultry processing	311613 311615	340 1,950	32.4 33.8	17.6 13.3	8.8 7.7	_ 10.8	8.8 5.1	5.9 15.4	_ 1.5
Seafood product preparation and packaging Seafood product preparation and	3117	1,180	39.8	16.9	6.8	10.2	6.8	10.2	1.7
packaging Seafood canning Fresh and frozen seafood processing	31171 311711 311712	1,180 160 1,020	39.8 50.0 38.2	16.9 31.2 14.7	6.8 - 6.9	10.2 - 11.8	6.8 - 7.8	10.2 12.5 9.8	1.7 - 2.0
Bakeries and tortilla manufacturing Bread and bakery product	3118	4,580	36.2	14.0	7.9	13.1	5.2	12.2	2.2
manufacturing	31181	3,360	34.5	12.5	9.2	11.6	5.4	11.6	2.4

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Cane sugar refining Beet sugar manufacturing	_ 25.0	_	-	_ 18.8	-	-	-	-	_	_ 12.5
Chocolate and confectionery manufacturing from cacao beans	23.0	15.4	_	10.0	_	-	_	_		15.4
Confectionery manufacturing from	-	_	-	-	_	-	_	_		_
purchased chocolate Nonchocolate confectionery	42.0	30.0	4.0	4.0	_	-	_	_	-	8.0
manufacturing Fruit and vegetable preserving and	15.2	6.1	6.1	15.2	-	-	-	-	-	27.3
specialty food manufacturing Frozen food manufacturing Frozen fruit, juice, and vegetable	16.6 15.3	9.3 8.1	4.2 4.5	9.3 8.1	3.1 2.7	_	-	-		10.0 7.2
manufacturing Frozen specialty food manufacturing Fruit and vegetable canning, pickling,	17.3 13.3	7.7 6.7	5.8 3.3	9.6 6.7	3.8 -				-	7.7 6.7
and drying Fruit and vegetable canning	17.7 16.7	10.2 10.2	4.1 4.6	10.2 11.1	2.7 3.7	-				12.2 12.0
Dried and dehydrated food manufacturing Dairy product manufacturing	18.5 24.1	14.8 11.3	_ 5.6	7.4 7.8	_ 1.9	-	-	-	-	14.8 12.2
Dairy product (except frozen) manufacturing	24.0	10.8	5.2	8.3	2.1	_	_	_	_	11.5
Fluid milk manufacturing Cheese manufacturing Dry, condensed, and evaporated	25.7 24.0	9.1 14.7	3.7 9.3	5.3 12.0	2.7	-				11.8 9.3
dairy product manufacturing lce cream and frozen dessert	17.4	13.0	-	17.4	-	-	-	-	-	13.0
Manufacturing Animal slaughtering and processing Animal slaughtering and processing Animal (except poultry) slaughtering Meat processed from carcasses Rendering and meat byproduct	23.3 15.8 15.8 16.9 16.2	16.7 6.6 6.6 6.4 6.5	6.7 10.2 10.2 14.2 6.9	6.7 6.5 6.5 5.0 4.5	- 3.0 3.0 1.8 2.4	- - - -	- 1.0 1.0 1.8 -	- 0.4 .4 - -	- 0.6 .6 1.4 -	20.0 5.5 5.5 5.9 5.3
processing Poultry processing	20.6 12.8	5.9 7.2	_ 11.3	17.6 8.7	5.9 4.6	- -	_ 1.0	_ 1.0	-	5.9 5.1
Seafood product preparation and packaging Seafood product preparation and	16.9	10.2	6.8	6.8	1.7	-	_	_	-	7.6
packaging Seafood canning Fresh and frozen seafood processing	16.9 12.5 17.6	10.2 - 10.8	6.8 - 7.8	6.8 12.5 6.9	1.7 - 2.0	- - -	- - -	- - -	- - -	7.6 - 7.8
Bakeries and tortilla manufacturing Bread and bakery product manufacturing	21.0 22.3	11.6 11.9	7.9 8.3	3.5 3.0	1.5 1.8	-	_	_	-	10.0 10.4
	22.3	11.9	0.5	3.0	1.0	-	_	_		10.4

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Retail bakeries Commercial bakeries	311811 311812	360 2,880	44.4 34.0	36.1 10.1	5.6 10.1	_ 12.8	11.1 4.9	13.9 10.4	_ 2.4
Cookie, cracker, and pasta manufacturing Cookie and cracker manufacturing	31182 311821	910 480	35.2 35.4	11.0 10.4	4.4 4.2	18.7 18.8	4.4 6.2	15.4 18.8	
Flour mixes and dough manufacturing from purchased flour Dry pasta manufacturing Tortilla manufacturing	311822 311823 31183	300 130 320	36.7 38.5 56.2	10.0 - 40.6		20.0 23.1 12.5		6.7 23.1 9.4	
Other food manufacturing Snack food manufacturing Roasted nuts and peanut butter	3119 31191	2,590 640	32.8 42.2	11.2 15.6	6.6 6.2	13.1 18.8	5.0 6.2	13.1 20.3	3.9 _
manufacturing Other snack food manufacturing Coffee and tea manufacturing Flavoring syrup and concentrate	311911 311919 31192	130 520 220	46.2 40.4 18.2	15.4 15.4 —	- 7.7 -	23.1 17.3 9.1	_ 5.8 13.6	_ 23.1 _	_ _ _
Mayonaise, dressing, and other	31193 31194	150 450	20.0 33.3	13.3 6.7	_ 4.4	_ 17.8	-	_ 13.3	_ 4.4
prepared sauce manufacturing Spice and extract manufacturing All other food manufacturing	311941 311942 31199	260 190 1,120	30.8 31.6 32.1	– 15.8 11.6	- - 8.0	19.2 10.5 8.9	- - 4.5	7.7 15.8 11.6	- - 4.5
Perishable prepared food manufacturing All other miscellaneous food	311991	700	38.6	15.7	11.4	10.0	2.9	10.0	5.7
manufacturing Beverage and tobacco product manufacturing Beverage manufacturing Soft drink and ice manufacturing Soft drink manufacturing Bottled water manufacturing Ice manufacturing Breweries	311999 312 3121 31211 312111 312112 312112 31212	430 4,350 4,070 3,240 2,690 420 130 270	23.3 23.9 23.1 22.5 22.3 19.0 30.8 22.2	4.7 9.0 8.6 9.3 9.3 7.1 15.4 11.1	9.0 8.8 8.0 8.6 4.8 –	7.0 4.8 4.4 4.3 3.7 7.1 -	4.7 5.1 4.9 4.3 4.5 4.8 - 18.5	14.0 10.8 10.8 9.6 8.9 11.9 15.4 18.5	3.0 2.9 2.5 2.2 4.8 - 7.4
Wineries Distilleries Tobacco manufacturing Tobacco product manufacturing Cigarette manufacturing Other tobacco product manufacturing	31213 31214 3122 31222 312221 312221 312229	460 90 280 240 170 70	26.1 33.3 35.7 37.5 35.3 42.9	- 14.3 12.5 11.8 -	17.4 - 10.7 12.5 11.8 -	4.3 - 10.7 8.3 - -		15.2 - 10.7 12.5 11.8 -	- - - - -
Textile mills Fiber, yarn, and thread mills Fiber, yarn, and thread mills Yarn spinning mills	313 3131 31311 313111 313111	1,720 250 250 160	36.6 28.0 28.0 25.0	12.2 12.0 12.0 –	5.2 - - -	16.9 12.0 12.0 12.5	3.5 - - -	9.9 16.0 16.0 12.5	2.9 _ _ _ _

	Percent of industry case total involving —									
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Retail bakeries Commercial bakeries	8.3 24.0	8.3 12.5	_ 9.0	_ 2.8	_ 1.7	- -				13.9 10.4
Cookie, cracker, and pasta manufacturing Cookie and cracker manufacturing	20.9 18.8	13.2 8.3	6.6 6.2	5.5 4.2					-	9.9 12.5
Flour mixes and dough manufacturing from purchased flour Dry pasta manufacturing	26.7 15.4	20.0	10.0	10.0 						_ 15.4
Tortilla manufacturing Other food manufacturing Snack food manufacturing Roasted nuts and peanut butter	6.2 20.1 17.2	- 10.8 6.2	9.4 3.1 4.7	- 10.0 -	- 3.1 -			- - -	- - -	6.2 8.5 6.2
Other snack food manufacturing Coffee and tea manufacturing	23.1 17.3 36.4	_ 5.8 27.3	_ 5.8 _	_ _ _	- - 9.1	- - -	- - -	_ _ _	_ _ _	_ 5.8 _
Flavoring syrup and concentrate manufacturing Seasoning and dressing manufacturing	20.0 20.0	_ 11.1		33.3 17.8						_ 6.7
Mayonnaise, dressing, and other prepared sauce manufacturing Spice and extract manufacturing All other food manufacturing	19.2 21.1 19.6	15.4 - 12.5	- - 1.8	23.1 10.5 11.6	- - 2.7	- - -	- - -	- - -	- - -	7.7 - 11.6
Perishable prepared food manufacturing All other miscellaneous food	15.7	7.1	-	11.4	2.9	-	-	-	-	11.4
manufacturing Beverage and tobacco product manufacturing Beverage manufacturing Soft drink and ice manufacturing Soft drink manufacturing Bottled water manufacturing Ice manufacturing Breweries	25.6 31.7 32.4 36.1 36.8 38.1 15.4 18.5	18.6 16.1 16.5 19.1 19.0 21.4 15.4 11.1	- 1.8 2.0 1.2 1.5 - -	11.6 3.2 3.2 2.5 2.6 - 7.4	4.7 6.0 6.1 7.4 6.7 7.1 23.1 -	- - - - - -	- - - - - -	- - - - - -	- - - - - - -	11.6 14.0 14.3 13.6 14.1 11.9 - 7.4
Wineries Distilleries Tobacco manufacturing Tobacco product manufacturing Cigarette manufacturing Other te bacco product received at tring	19.6 21.4 25.0 29.4	4.3 - 10.7 8.3 11.8	4.3 - - - -	6.5 - - - -	- - - -	- - - -	- - - -	- - - -	- - - -	26.1 - 10.7 8.3 11.8
Other tobacco product manufacturing Textile mills Fiber, yarn, and thread mills Fiber, yarn, and thread mills Yarn spinning mills	- 23.8 20.0 20.0 18.8	- 9.3 8.0 8.0 -	- 5.8 12.0 12.0 12.5	- 4.7 8.0 8.0 -	- 1.7 - - -	- - - -	- - - -	- - - -	- - - -	9.9 8.0 8.0 12.5

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Yarn texturizing, throwing, and									
twisting mills	313112	50	40.0	_	_	_	_	_	_
Thread mills	313113	30	-0.0	_	_	_	_	_	_
Fabric mills	3132	780	39.7	14.1	5.1	16.7	2.6	10.3	3.8
Broadwoven fabric mills	31321	330	39.4	18.2		18.2	-	6.1	
Narrow fabric mills and schiffli machine	01021	000	00.4	10.2		10.2		0.1	
embroidery	31322	170	41.2	11.8	11.8	23.5	_	17.6	11.8
Narrow fabric mills	313221	160	43.8	12.5	12.5	25.0	_	12.5	12.5
Nonwoven fabric mills	31323	160	37.5	12.5	-	18.8	_	-	- 12.5
Knit fabric mills	31323	130	30.8	15.4	_	- 10.0	_	15.4	_
Weft knit fabric mills	313241	60	50.0	13.4	_	_	_	13.4	_
Other knit fabric and lace mills	313241	70	42.9		_	_	_	_	_
Textile and fabric finishing and fabric	515245	70	42.5	_	_	_	_	_	_
coating mills	3133	690	36.2	10.1	5.8	18.8	4.3	8.7	
Textile and fabric finishing mills	31331	490	38.8	10.1	8.2	18.4	4.3	8.2	_
Broadwoven fabric finishing mills	313311	210	38.1	14.3	0.2	9.5	4.1	9.5	_
Textile and fabric finishing (except	515511	210	30.1	14.5	_	5.5	_	3.5	_
broadwoven fabric) mills	313312	280	39.3	7.1	10.7	21.4	7.1	7.1	
,	31332	200	30.0	10.0	- 10.7	20.0	-	-	_
Fabric coating mills Textile product mills	31332	1,400	37.1	15.7	5.7	13.6	2.9	_ 12.9	1.4
	314	680	30.9	11.8	7.4	8.8	2.9 4.4	12.9	1.4
Textile furnishings mills	3141	350	31.4	14.3	8.6	0.0 8.6		19.1	_
Carpet and rug mills Curtain and linen mills	31411	330	30.3	9.1	6.1	12.1	8.6 —	27.3	_
	-			9.1	0.1	12.1	_		_
Curtain and drapery mills	314121	130	15.4		-	14.2	_	46.2	_
Other household textile product mills	314129 3149	210 720	33.3 43.1	9.5 19.4	9.5 4.2	14.3 18.1	_	9.5 6.9	2.8
Other textile product mills	3149	720 400	43.1	20.0	4.2 5.0	18.1	_	6.9 5.0	2.8
Textile bag and canvas mills	31491				5.0	-	_	5.0	_
Textile bag mills Canvas and related product mills	314911	110 290	54.5 34.5	27.3 17.2	6.9	18.2 10.3	_	_ 6.9	_
All other textile product mills	314912	290 320	46.9	17.2	0.9	21.9	_	0.9 9.4	_
Rope, cordage, and twine mills	31499	320 40	40.9	10.0		21.9	_	9.4	_
Tire cord and tire fabric mills	314991	40 30	_		_	_	_	_	_
All other miscellaneous textile product	314992	30	_	-	_	_	_	_	_
	214000	240	50.0	20.0		20.0	_	0.0	
mills Apparel manufacturing	314999 315	240 1,500	50.0 25.3	20.8 8.7	4.0	20.8 10.7	_ 2.7	8.3 11.3	2.7
Apparel knitting mills		1,300	23.5		4.0	11.8		17.6	2.1
Hosiery and sock mills	3151	120	23.5		_	- 11.0	_	17.6	
Sheer hosiery mills	315111	20	20.0		_	_	_		_
Other hosiery and sock mills	315119	110	27.3		-	_	_	_ 18.2	_
Outerwear knitting mills	31519	50	21.5		_	_	_	10.2	_
Cut and sew apparel manufacturing	315191	1,080	25.0	7.4	3.7	11.1	_ 2.8	_ 12.0	2.8
Men's and boys' cut and sew apparel		,		/.4	5.7		2.0		2.0
contractors	315211	130	23.1	-	-	15.4	-	23.1	-

			Percent of industry case total involving —								
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts		
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵	
Yarn texturizing, throwing, and											
twisting mills	_	_	_	_	_	_	_	_	_	_	
Thread mills	_	_	_	_		_	_	_	_	_	
Fabric mills	23.1	9.0	5.1	3.8	_	_	_	_	L _	10.3	
Broadwoven fabric mills	21.2	6.1	9.1	6.1	_	_	_	_	L _	9.1	
Narrow fabric mills and schiffli machine	21.2	0.1	5.1	0.1						0.1	
embroidery	17.6	L _	_	_		_	_	_	_	_	
Narrow fabric mills	18.8		_			_	_	_		_	
Nonwoven fabric mills	31.2	12.5		_	_	_	_	_	-		
	-	-	-	_	-	_	_	_	-	12.5	
Knit fabric mills	23.1	15.4			-				-	-	
Weft knit fabric mills	50.0	-	-	-	-	-	-	-	-	-	
Other knit fabric and lace mills	-	-	-	-	-	-	-	-	-	-	
Textile and fabric finishing and fabric											
coating mills	27.5	10.1	4.3	5.8	-	-	-	-	-	10.1	
Textile and fabric finishing mills	24.5	10.2	4.1	4.1	-	-	-	-	-	8.2	
Broadwoven fabric finishing mills	28.6	14.3	-	-	-	-	-	-	-	-	
Textile and fabric finishing (except											
broadwoven fabric) mills	21.4	7.1	-	-	-	-	-	-	-	10.7	
Fabric coating mills	35.0	10.0	-	-	-	_	-	-	-	10.0	
Textile product mills	21.4	10.7	9.3	2.9	2.9	-	-	-	-	8.6	
Textile furnishings mills	23.5	10.3	11.8	2.9	2.9	_	_	_	-	4.4	
Carpet and rug mills	20.0	5.7	14.3	_	5.7	_	_	_	-	5.7	
Curtain and linen mills	27.3	15.2	9.1	_	_	_	_	_	_	6.1	
Curtain and drapery mills	15.4	_	_	_	_	_	_	_	_	_	
Other household textile product mills	28.6	19.0	9.5	_	_	_	_	_	_	9.5	
Other textile product mills	19.4	11.1	8.3	2.8	2.8	_	_	_	_	11.1	
Textile bag and canvas mills	17.5	12.5	10.0	5.0		_	_	_	L _	15.0	
Textile bag mills	_	-			_	_	_	_	_	-	
Canvas and related product mills	20.7	13.8	13.8	_	_	_	_	_	L _	17.2	
All other textile product mills	20.7	9.4	6.2	_		_		_	_	6.2	
Rope, cordage, and twine mills	21.9	9.4	0.2	_		_	_	_		0.2	
Tire cord and tire fabric mills	_			_		_	_	_	_	_	
All other miscellaneous textile product	_	-	_	_	-	_	_	_	_	_	
mills	25.0	8.3	_	-	_	_	-	_	-	8.3	
Apparel manufacturing	24.0	16.0	16.0	3.3	1.3	_	_	_	_	13.3	
Apparel knitting mills	17.6	-	29.4	_	_	_	_	_	_	11.8	
Hosiery and sock mills	_	_	33.3	_		_	_	_	_		
Sheer hosiery mills	_	_		_	_	_	_	_	_	_	
Other hosiery and sock mills	_	_	36.4	_	_	_	_	_	_	_	
Outerwear knitting mills						_					
Cut and sew apparel manufacturing	 24.1	15.7	14.8	2.8	_	_	_	_	_	13.0	
Men's and boys' cut and sew apparel contractors	15.4	_	23.1	_		-	_	_		_	
	15.4		23.1	_	_	_	_	_			

				Perce	ent of indus	stry case to	otal involvii	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Men's and boys' cut and sew apparel manufacturing	31522	420	26.2	9.5	4.8	9.5	4.8	14.3	_
Men's and boys' cut and sew suit, coat, and overcoat manufacturing	315222	110	-	_	_	_	18.2	27.3	_
Men's and boys' cut and sew shirt (except work shirt) manufacturing	315223	100	40.0	20.0	-	_	_	_	_
Men's and boys' cut and sew trouser, slack, and jean manufacturing	315224	40	-	-	-	_	-	-	-
Men's and boys' cut and sew work clothing manufacturing	315225	120	25.0	-	-	16.7	_	-	-
Men's and boys' cut and sew other outerwear manufacturing	315228	40	-	-	-	-	-	-	-
Women's and girls' cut and sew apparel manufacturing Women's and girls' cut and sew dress	31523	130	15.4	-	-	-	-	23.1	-
manufacturing	315233	20	-	-	-	-	-	-	-
coat, tailored jacket, and skirt manufacturing	315234	20	-	_	_	_	_	_	_
Women's and girls' cut and sew other outerwear manufacturing	315239	70	_	_	_	_	_	28.6	_
Other cut and sew apparel manufacturing	31529	100	40.0	20.0	_	_	_	_	_
All other cut and sew apparel manufacturing	315299	90	33.3	22.2	-	-	-	-	-
Apparel accessories and other apparel manufacturing	3159	250	28.0	12.0	-	12.0	_	-	-
Apparel accessories and other apparel manufacturing Hat, cap, and millinery manufacturing	31599 315991	250 40	28.0	12.0	-	12.0	-	-	-
Glove and mitten manufacturing Other apparel accessories and other	315991	90	33.3	_	_	_	_	_	_
apparel manufacturing Leather and allied product manufacturing	315999 316	100 410	40.0 41.5	20.0 22.0		_ 14.6	_	- 4.9	_
Leather and hide tanning and finishing	3161	100	60.0	20.0	-	30.0	-	-	-
Footwear manufacturing Footwear manufacturing Men's footwear (except athletic)	3162 31621	170 170	29.4 29.4	17.6 17.6		_			
manufacturing	316213	90	33.3	22.2	-	-	_	-	-
manufacturing Other footwear manufacturing		30 40	-		-			-	
Other leather and allied product manufacturing	3169	140	50.0	28.6	_	14.3	_	_	-

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Men's and boys' cut and sew apparel										
manufacturing Men's and boys' cut and sew suit,	21.4	14.3	19.0	4.8	-	-	-	-	-	7.1
coat, and overcoat manufacturing Men's and boys' cut and sew shirt	18.2	-	18.2	-	-	-	-	-	-	-
(except work shirt) manufacturing Men's and boys' cut and sew trouser,	20.0	20.0	20.0	-	-	-	-	-	-	_
slack, and jean manufacturing Men's and boys' cut and sew work	-	-	-	-	-	-	-	-	-	_
clothing manufacturing Men's and boys' cut and sew other	25.0	-	25.0	-	-	-	-	-	-	-
outerwear manufacturing Women's and girls' cut and sew apparel	-	-	_	-	-	-	-	-	-	-
manufacturing Women's and girls' cut and sew dress	15.4	-	15.4	-	-	-	-	-	-	15.4
Women's and girls' cut and sew suit, coat, tailored jacket, and skirt	-	_	_	-	-	-	_	_	-	_
manufacturing Women's and girls' cut and sew other	-	-	-	-	-	-	-	-	-	_
outerwear manufacturing Other cut and sew apparel	-	-	-	-	-	-	-	-	-	28.6
manufacturing	20.0	-	20.0	-	-	-	-	-	-	_
manufacturing Apparel accessories and other apparel	22.2	-	-	-	-	-	-	-	-	_
manufacturing Apparel accessories and other apparel	32.0	24.0	12.0	-	-	-	-	-	-	16.0
manufacturing Hat, cap, and millinery manufacturing	32.0	24.0	12.0 _	-	-	-	-	-	-	16.0 _
Glove and mitten manufacturing Other apparel accessories and other	44.4	44.4	-	-	-	-	-	-	-	-
apparel manufacturing	20.0	-	-	-	-	-	-	-	-	20.0
Leather and allied product manufacturing	24.4	9.8	17.1		-	-	-	-	-	7.3
Leather and hide tanning and finishing	30.0	-	-	-	-	-	-	-	-	-
Footwear manufacturing	29.4	11.8	23.5	-	-	-	-	-	-	-
Footwear manufacturing Men's footwear (except athletic)	29.4	11.8	23.5	-	-	-	-	-	-	_
manufacturing Women's footwear (except athletic)	22.2	-	33.3	_	-	_	-	-	-	_
manufacturing	-	-	-	-	-	-	-	-	-	-
Other footwear manufacturing Other leather and allied product	-	-	-	_	-	-	_	_	_	-
manufacturing	14.3	_	14.3	-	_	_	_	-	_	14.3

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Other leather and allied product									
manufacturing	31699	140	50.0	28.6	_	14.3	_	_	_
Luggage manufacturing	316991	40	_		_	-	_	_	_
All other leather good manufacturing	316999	90	44.4	33.3	_	_	_	_	_
Wood product manufacturing		13,010	50.7	23.5	8.8	15.1	4.4	6.9	1.3
Sawmills and wood preservation		2.990	50.2	21.1	8.4	17.4	5.7	8.0	2.0
Sawmills and wood preservation		2,990	50.2	21.1	8.4	17.4	5.7	8.0	2.0
Sawmills		2,770	50.9	20.9	8.7	18.1	5.4	7.2	2.2
Wood preservation	321114	220	40.9	18.2	9.1	9.1	_	18.2	
Veneer, plywood, and engineered wood	021111		10.0	10.2	0.1	0.1		10.2	
product manufacturing	3212	2,290	45.4	22.3	8.3	11.4	3.9	9.2	1.3
Veneer, plywood, and engineered wood	0212	2,200	-101	22.0	0.0	11.4	0.0	0.2	1.0
product manufacturing	32121	2,290	45.4	22.3	8.3	11.4	3.9	9.2	1.3
Hardwood veneer and plywood	52121	2,200		22.5	0.0	11.4	0.0	0.2	1.5
manufacturing	321211	310	35.5	12.9	6.5	9.7	_	9.7	_
Softwood veneer and plywood	521211	510	55.5	12.5	0.5	5.7	_	5.7	-
manufacturing	321212	210	57.1	28.6	_	19.0	_	_	_
Engineered wood member (except	321212	210	57.1	20.0	_	19.0	_	_	_
truss) manufacturing	321213	80	50.0			25.0			
Truss manufacturing		1,350	48.1	25.9	10.4	8.9	3.7	9.6	1.5
Reconstituted wood product	521214	1,550	40.1	25.5	10.4	0.5	5.7	3.0	1.5
manufacturing	321219	340	35.3	14.7	_	14.7	5.9	11.8	_
Other wood product manufacturing		7,730	52.4	24.8	8.9	14.7	4.1	5.8	1.0
Millwork		3,170	51.1	19.9	10.4	16.7	1.9	5.4	1.3
Wood window and door	52191	3,170	51.1	19.9	10.4	10.7	1.9	5.4	1.5
manufacturing	321911	1,550	43.9	17.4	7.7	16.1	1.9	5.2	1.3
Cut stock, resawing lumber, and	521911	1,550	43.9	17.4	1.1	10.1	1.9	J.2	1.5
planing	321912	390	56.4	20.5	15.4	17.9		7.7	
Other millwork (including flooring)		1,230	58.5	20.5	11.4	17.9	1.6	5.7	
Wood container and pallet	521510	1,200	50.5	22.0	11.4	17.5	1.0	5.7	-
manufacturing	32192	1,640	65.2	32.3	8.5	21.3	2.4	4.9	_
All other wood product manufacturing	32192	2,920	46.6	26.4	7.9	10.3	7.5	6.8	.7
Manufactured home (mobile home)	52199	2,920	40.0	20.4	1.9	10.5	7.5	0.0	
manufacturing	321991	1,040	44.2	28.8	8.7	3.8	7.7	11.5	
Prefabricated wood building	521991	1,040	44.2	20.0	0.7	5.0	1.1	11.5	
manufacturing	321992	1,240	47.6	29.8	7.3	9.7	6.5	4.8	
All other miscellaneous wood product	521992	1,240	47.0	29.0	1.5	9.7	0.5	4.0	
manufacturing	321999	650	49.2	15.4	7.7	21.5	7.7	3.1	_
Paper manufacturing		6,100	37.2	11.3	7.0	16.9	3.8	9.0	3.6
Pulp, paper, and paperboard mills		1,780	32.6	10.7	6.2	13.5	6.7	11.8	5.0
Pulp mills		60	50.0	- 10.7	0.2		- 0.7		5.1
Paper mills	32211	1,260	32.5	9.5	7.1	13.5	7.9	10.3	4.8
1 apt 111113		· ·		1					
Paper (except newsprint) mills	1.1.1.1.1.1								
Paper (except newsprint) mills Newsprint mills	322121 322122	1,140 120	33.3 33.3	9.6 16.7	7.0	14.0	7.0	10.5	5.3

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assault	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Other leather and allied product										
manufacturing	14.3	_	14.3	_	_	_	_	_	_	14.3
Luggage manufacturing	-	_	-	_	_	_	_	_	_	-
All other leather good manufacturing	_	_	_	_	_	_	_	_	_	_
Wood product manufacturing	20.0	10.2	3.8	2.2	2.2	0.4	0.5	_	0.3	7.8
Sawmills and wood preservation	18.4	8.4	2.3	3.3	1.7	_	_	_	_	8.0
Sawmills and wood preservation	18.4	8.4	2.3	3.3	1.7	-	_	_	_	8.0
Sawmills	18.8	8.3	2.5	2.9	1.4	-	-	-	-	8.3
Wood preservation	18.2	9.1	-	9.1	_	-	-	-	-	-
Veneer, plywood, and engineered wood										
product manufacturing Veneer, plywood, and engineered wood	22.3	11.4	3.5	2.6	1.7	1.7	-	-	-	7.4
product manufacturing Hardwood veneer and plywood	22.3	11.4	3.5	2.6	1.7	1.7	-	-	-	7.4
manufacturing Softwood veneer and plywood	29.0	16.1	9.7	-	-	-	_	-	-	9.7
manufacturing Engineered wood member (except	14.3	-	-	-	-	-	-	-	-	-
truss) manufacturing	37.5	25.0	_	_	_	_	_	_	_	_
Truss manufacturing Reconstituted wood product	23.0	13.3	3.0	1.5	1.5	-	-	-	-	7.4
manufacturing	14.7	_	_	5.9	_	11.8	_	_	_	8.8
Other wood product manufacturing	19.8	10.7	4.4	1.7	2.5	_	.5	_	.4	7.6
Millwork	22.1	12.3	6.3	1.9	1.6	_	.6	_	.6	7.6
Wood window and door		45.5								
manufacturing Cut stock, resawing lumber, and	27.7	15.5	9.0	2.6	-	-	1.3	-	1.3	5.8
planing	12.8	7.7	7.7	_	_	_	_	_	_	10.3
Other millwork (including flooring)	17.9	9.8	3.3	-	2.4	-	-	-	-	8.9
Wood container and pallet										
manufacturing	11.6	7.9	3.0	-	3.0	-	-	-	-	8.5
All other wood product manufacturing Manufactured home (mobile home)	21.6	10.6	2.7	2.1	3.4	-	.7	-	-	7.2
manufacturing Prefabricated wood building	16.3	7.7	2.9	3.8	-	-	-	-	-	11.5
manufacturing All other miscellaneous wood product	25.8	14.5	3.2	1.6	4.0	-	-	-	-	4.8
manufacturing	23.1	6.2	3.1	-	6.2	_	-	-	-	6.2
Paper manufacturing	23.3	11.5	6.1	3.9	2.3	.3	_	_	_	10.5
Pulp, paper, and paperboard mills Pulp mills	18.5	6.2	3.9	6.2	3.4	-	-	-	-	11.2
Paper mills	20.6	7.1	4.0	5.6	3.2	_	_	_	_	11.1
Paper (except newsprint) mills	20.0	7.0	3.5	6.1	3.5	_	_	_	_	10.5
Newsprint mills	16.7	-	-	_	-	_	_	_	_	16.7
	-									

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Paperboard mills Converted paper product manufacturing Paperboard container manufacturing Corrugated and solid fiber box	32213 3222 32221	460 4,320 2,010	30.4 39.4 36.8	10.9 11.6 10.4	4.3 7.2 6.5	13.0 18.3 17.9	4.3 2.5 3.0	17.4 7.6 8.0	6.5 3.0 4.5
manufacturing Folding paperboard box	322211	1,190	38.7	8.4	7.6	21.0	3.4	8.4	5.9
Setup paperboard box manufacturing Fiber can, tube, drum, and similar	322212 322213	490 80	28.6 37.5	12.2 -	6.1 -	8.2 -	4.1 -	6.1 -	
products manufacturing Nonfolding sanitary food container	322214	140	42.9	_	_	21.4	-	-	-
manufacturing Paper bag and coated and treated paper	322215	110	45.5	-	-	18.2	-	-	-
manufacturing Coated and laminated packaging paper and plastics film	32222	1,210	40.5	14.0	8.3	15.7	2.5	5.8	1.7
manufacturing Coated and laminated paper	322221	220	31.8	13.6	9.1	9.1	-	-	-
manufacturing Uncoated paper and multiwall bag	322222	550	40.0	16.4	5.5	12.7	-	5.5	-
manufacturing Laminated aluminum foil manufacturing for flexible packaging	322224	260	34.6	7.7	7.7	19.2	-	7.7	_
uses Surface-coated paperboard	322225	20	-	-	-	-	-	-	-
manufacturing Stationery product manufacturing Die-cut paper and paperboard office	322226 32223	40 440	75.0 36.4	_ 13.6	_ 4.5	_ 18.2	_	_ 9.1	_
supplies manufacturing Envelope manufacturing	322231 322232	160 230	50.0 30.4	25.0 -	- -	18.8 21.7	-	_ 8.7	
Stationery, tablet, and related product manufacturing Other converted paper product	322233	50	-	-	-	-	-	-	-
Sanitary paper product manufacturing All other converted paper product	32229 322291	660 350	47.0 42.9	9.1 11.4	9.1 11.4	24.2 17.1	3.0 5.7	10.6 11.4	
Printing and related support activities Printing and related support activities Printing Commercial lithographic printing	322299 323 3231 32311 32311 323110	300 7,400 7,400 6,990 3,280	50.0 40.8 40.8 41.1 34.8	6.7 11.6 11.6 11.4 8.8	6.7 11.1 11.1 11.3 8.8	33.3 16.5 16.5 16.7 15.5	_ 2.6 2.4 2.7	10.0 7.4 7.4 7.4 9.1	_ 2.7 2.6 2.7
Commercial gravure printing Commercial flexographic printing Commercial screen printing	323110 323111 323112 323113	3,280 180 540 740	34.8 33.3 44.4 64.9	- 7.4 10.8	8.8 - 3.7 43.2	15.5 22.2 31.5 8.1	2.7 - - -	9.1 11.1 5.6 5.4	- - -

			-	Percent of industry case total involving —						
	Overe	xertion		Expo-			Assault	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Paperboard mills Converted paper product manufacturing Paperboard container manufacturing	13.0 25.2 27.4	- 13.7 16.9	4.3 6.9 6.5	6.5 2.8 2.0	4.3 1.9 2.0	- - -	- - -			10.9 10.2 10.0
Corrugated and solid fiber box manufacturing Folding paperboard box	22.7	14.3	6.7	1.7	2.5	-	-	-	-	10.9
manufacturing Setup paperboard box manufacturing	38.8 25.0	26.5 -	8.2 -	-	-	_	- -	-	-	8.2 -
Fiber can, tube, drum, and similar products manufacturing Nonfolding sanitary food container	28.6	-	_	-	-	-	-	_	-	-
manufacturing	18.2	-	-	-	-	-	-	-	-	-
manufacturing Coated and laminated packaging paper and plastics film	26.4	12.4	7.4	5.0	-	-	-	-	-	9.9
manufacturing Coated and laminated paper manufacturing	31.8 25.5	9.1 12.7	- 7.3	7.3	-	_	_	_	_	13.6 10.9
Uncoated paper and multiwall bag manufacturing	23.1	7.7	11.5	-	_	_	_	_	_	11.5
Laminated aluminum foil manufacturing for flexible packaging										
uses Surface-coated paperboard manufacturing	-	_	_	_	_	_	_	_	_	_
Stationery product manufacturing Die-cut paper and paperboard office	25.0	11.4	6.8	-	-	-	-	-	-	18.2
supplies manufacturing Envelope manufacturing Stationery, tablet, and related product	25.0 26.1	12.5 13.0	_ 8.7	-	-	-	_	-	-	_ 26.1
manufacturing Other converted paper product	-	-	_	-	-	-	-	_	-	-
manufacturing Sanitary paper product manufacturing All other converted paper product	18.2 20.0	7.6 8.6	6.1 5.7	3.0	3.0	_			-	6.1 11.4
manufacturing Printing and related support activities Printing and related support activities Printing	16.7 24.5 24.5 24.3	10.0 15.4 15.4 15.2	6.7 7.8 7.8 7.7	- 3.0 3.0 3.1	- 2.2 2.2 2.1 2.0	- - - -	_ 0.5 .5 .4	_ 0.4 .4 .4	- - - -	- 8.5 8.5 8.6
Commercial lithographic printing Commercial gravure printing Commercial flexographic printing Commercial screen printing	25.0 22.2 31.5 13.5	15.2 - 25.9 10.8	10.4 - 5.6 2.7	2.7 - 3.7 6.8	3.0 - - -		- - - -	- - - -	- - - -	9.8 16.7 3.7 4.1

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Quick printing Digital printing Manifold business forms printing Books printing	323114 323115 323116 323117	520 110 520 400	63.5 36.4 28.8 35.0	34.6 - 7.7 5.0	11.5 18.2 3.8 7.5	17.3 18.2 17.3 15.0	- - 5.0	– 27.3 3.8 7.5	- - 3.8 10.0
Blankbook, looseleaf binders, and devices manufacturing Other commercial printing	323118 323119	60 630	83.3 39.7	83.3 15.9	_ 3.2	- 17.5	_ 3.2	_ 7.9	-
Support activities for printing Tradebinding and related work Prepress services	32312 323121 323122	410 250 160	36.6 32.0 43.8	14.6 8.0 18.8	7.3 - 12.5	14.6 20.0 -	4.9 - -	7.3 8.0 –	- - -
Petroleum and coal products manufacturing Petroleum and coal products	324	1,070	23.4	9.3	5.6	7.5	9.3	11.2	2.8
manufacturing Petroleum refineries Asphalt paving, roofing, and saturated	3241 32411	1,070 370	23.4 16.2	9.3 8.1	5.6 —	7.5 8.1	9.3 18.9	11.2 16.2	2.8
materials manufacturing Asphalt paving mixture and block	32412	480	25.0	8.3	8.3	8.3	6.2	8.3	4.2
manufacturing Asphalt shingle and coating materials	324121	310	22.6	9.7	9.7	6.5	6.5	6.5	6.5
manufacturing Other petroleum and coal products	324122	170	29.4	-	11.8	11.8	-	11.8	_
manufacturing Petroleum lubricating oil and grease manufacturing	32419 324191	220 140	27.3 35.7	13.6 21.4	_	9.1	_	_	_
All other petroleum and coal products manufacturing	324199	80	25.0	_	_	_	_	_	_
Chemical manufacturing Basic chemical manufacturing	3251	6,580 940	24.8 19.1	10.2 7.4	5.5 5.3	7.4 4.3	5.0 6.4	10.5 10.6	3.2 3.2
Petrochemical manufacturing Synthetic dye and pigment manufacturing	32511 32513	90 150	- 20.0	_	_	_	_	_	- 13.3
Inorganic dye and pigment manufacturing	325131	110	-	_	_	_	_	-	_
Synthetic organic dye and pigment manufacturing Other basic inorganic chemical	325132	40	-	-	-	-	-	-	-
Manufacturing	32518	320	21.9	9.4	6.2	-	6.2	6.2	-
manufacturing Other basic organic chemical	325188	260	19.2	7.7	7.7	-	-	-	-
manufacturing Gum and wood chemical		330 50	21.2	9.1	6.1	-	12.1	12.1	_
manufacturing	323191	50	-	_	_	_	—	_	_

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assault	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Quick printing	25.0	13.5	_	_	_	_	_	_	_	7.7
Digital printing	20.0	-	_	_	_	_	_	_	_	
Manifold business forms printing	38.5	21.2	9.6	_	3.8	_	_	_	_	7.7
Books printing	25.0	20.0		5.0		_	_	_	_	7.5
Blankbook, looseleaf binders, and	20.0	20.0		0.0						1.0
devices manufacturing	_	_	_	_		_	_	_	_	_
Other commercial printing	22.2	11.1	9.5	3.2	3.2	_	_	_	_	9.5
Support activities for printing	26.8	19.5	7.3			_	_	_	_	7.3
Tradebinding and related work	28.0	24.0	8.0	_	_	_	_	_	_	12.0
Prepress services	18.8	12.5		_	_	_	_	_	_	
Petroleum and coal products manufacturing	28.0	8.4	_	15.0	2.8	_	_	_	_	5.6
Petroleum and coal products manufacturing	20.0	0.4	_	15.0	2.0	_	_	_	_	5.0
manufacturing	28.0	8.4	_	15.0	2.8	_	_			5.6
Petroleum refineries	16.2	5.4	_	24.3	2.0	_				5.4
Asphalt paving, roofing, and saturated	10.2	5.4	_	24.5	_	_	_	_	_	5.4
materials manufacturing	29.2	8.3		12.5	4.2					8.3
Asphalt paving mixture and block	29.2	0.5	_	12.5	4.2	_	_	_	_	0.5
manufacturing	32.3	6.5		12.9	6.5					6.5
Asphalt shingle and coating materials	32.3	0.5	_	12.9	0.5	_	_	_	_	0.5
	23.5	_		11.8						11.8
manufacturing	23.5	-	-	11.0	-	-	_	-	-	11.0
Other petroleum and coal products	45.5	12.6								
manufacturing	45.5	13.6	_	-	-	_	_	-	-	-
Petroleum lubricating oil and grease	50.0	110								
manufacturing All other petroleum and coal products	50.0	14.3	_	-	_	_	-	_	-	_
manufacturing	37.5	-	-	-	-	-	-	-	-	-
Chemical manufacturing	21.3	10.5	5.6	13.7	3.2	0.8	0.5	-	0.3	11.6
Basic chemical manufacturing	18.1	7.4	3.2	19.1	2.1	3.2	_	-	-	12.8
Petrochemical manufacturing	22.2	-	-	-	-	_	_	-	-	-
Synthetic dye and pigment										
manufacturing	26.7	13.3	_	-	_	_	_	_	- 1	13.3
Inorganic dye and pigment										
manufacturing	27.3	_	_	_	_	_	_	_	_	_
Synthetic organic dye and pigment										
manufacturing	_	_	_	_	_	_	_	_	_	_
Other basic inorganic chemical										
manufacturing	15.6	_	_	28.1		_	_	_	_	12.5
All other basic inorganic chemical										
manufacturing	19.2	-	-	30.8	-	-	-	-	-	15.4
Other basic organic chemical	45.0			40.0						10.1
manufacturing Gum and wood chemical	15.2	9.1	6.1	18.2	-	-	_	_	_	12.1
manufacturing	40.0	-	-	-	-	-	-	-	-	-
-										

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips witho fall
Cyclic crude and intermediate									
manufacturing	325192	20	_	l _	l _	_	_	_	_
Ethyl alcohol manufacturing	325193	30	_	_	_	_	_	_	_
	525195	30	_	_	-		_	-	-
All other basic organic chemical	005400	000	00 7	40.0			10.0	40.0	
manufacturing	325199	220	22.7	13.6	-	-	13.6	13.6	-
Resin, synthetic rubber, and artificial and									
synthetic fibers and filaments									
manufacturing	3252	790	24.1	13.9	2.5	6.3	5.1	8.9	2
Resin and synthetic rubber									
manufacturing	32521	630	23.8	14.3	-	4.8	4.8	6.3	-
Plastics material and resin									
manufacturing	325211	440	22.7	13.6	-	4.5	6.8	6.8	_
Synthetic rubber manufacturing	325212	190	26.3	15.8	- 1	_	_	_	_
Artificial and synthetic fibers and	0202.2		2010						
filaments manufacturing	32522	160	25.0	12.5	l _	12.5	_	12.5	l _
Cellulosic organic fiber manufacturing	325221	40	50.0	12.0	_	12.0	_	12.0	_
Noncellulosic organic fiber	525221	40	50.0		_	_	_	_	
manufacturing	325222	120	16.7	_			_	167	
	323222	120	10.7	-	-	-	_	16.7	-
Pesticide, fertilizer, and other agricultural	0050	000	044		40.0		10.0		
chemical manufacturing	3253	290	24.1	-	10.3	6.9	13.8	6.9	-
Fertilizer manufacturing	32531	210	23.8	-	9.5	-	19.0	-	-
Nitrogenous fertilizer manufacturing	325311	40	-	-	-	-	-	-	-
Phosphatic fertilizer manufacturing	325312	50	-	-	-	-	-	-	-
Fertilizer (mixing only) manufacturing	325314	110	36.4	-	18.2	-	27.3	-	-
Pesticide and other agricultural chemical									
manufacturing	32532	80	-	-	-	-	-	-	-
Pharmaceutical and medicine									
manufacturing	3254	1,770	24.3	10.7	5.6	7.3	5.1	14.1	2
Pharmaceutical and medicine									
manufacturing	32541	1,770	24.3	10.7	5.6	7.3	5.1	14.1	2
Medicinal and botanical		.,							-
manufacturing	325411	160	37.5	12.5	12.5	_	_	_	l _
Pharmaceutical preparation	020411	100	07.0	12.0	12.0				
manufacturing	325412	1,430	25.2	11.2	5.6	7.7	4.9	14.0	2
In-vitro diagnostic substance	525412	1,430	20.2	11.2	5.0	1.1	4.9	14.0	2
manufacturing	325413	70							
	320413	/0	-	-	-	_	-	-	-
Biological product (except diagnostic)	005444	140	40.0					07.0	
manufacturing	325414	110	18.2	-	-	-	-	27.3	-
Paint, coating, and adhesive	0		<u> </u>			4.5			.
manufacturing	3255	740	27.0	5.4	5.4	13.5	4.1	8.1	4
Paint and coating manufacturing	32551	520	25.0	7.7	7.7	9.6	3.8	9.6	5
Adhesive manufacturing	32552	220	31.8	-	-	18.2	-	9.1	-
Soap, cleaning compound, and toilet									
preparation manufacturing	3256	1,020	25.5	9.8	4.9	8.8	4.9	12.7	2
	5250	1,020	20.0	9.0	4.9	0.0	4.9	12.1	4

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assault	s and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Cyclic crude and intermediate										
manufacturing	_	_	_	_	_	_	_	_	_	_
Ethyl alcohol manufacturing	_	_	_	_		_	_	_	_	_
All other basic organic chemical										
manufacturing	13.6	-	-	18.2	-	-	-	-	-	13.6
Resin, synthetic rubber, and artificial and										
synthetic fibers and filaments										
manufacturing	24.1	12.7	8.9	11.4	5.1	-	-	-	-	11.4
Resin and synthetic rubber										
manufacturing	25.4	14.3	6.3	11.1	6.3	-	-	-	-	12.7
Plastics material and resin	07.0	40.0	4.5							
manufacturing	27.3	13.6	4.5	11.4	9.1	-	-	-	-	9.1
Synthetic rubber manufacturing	21.1	15.8	10.5	10.5	-	_	-	-	-	21.1
Artificial and synthetic fibers and filaments manufacturing	18.8	_	18.8	18.8						
Cellulosic organic fiber manufacturing	10.0		10.0	10.0		_		_		
Noncellulosic organic fiber										
manufacturing	16.7	_	25.0	25.0		_	_	_	_	_
Pesticide, fertilizer, and other agricultural			20.0	_0.0						
chemical manufacturing	20.7	17.2	-	17.2	_	-	-	-	_	10.3
Fertilizer manufacturing	9.5	-	_	19.0	-	-	_	-	-	14.3
Nitrogenous fertilizer manufacturing	-	-	-	50.0	-	-	-	-	-	-
Phosphatic fertilizer manufacturing	-	-	-	-	-	-	-	-	-	40.0
Fertilizer (mixing only) manufacturing	-	-	-	18.2	-	-	-	-	-	-
Pesticide and other agricultural chemical										
manufacturing	50.0	50.0	-	-	-	-	-	-	-	-
Pharmaceutical and medicine	o · -									
manufacturing	21.5	12.4	5.6	13.0	2.8	-	-	-	-	11.3
Pharmaceutical and medicine	01 E	10.4	FC	12.0						11.0
manufacturing Medicinal and botanical	21.5	12.4	5.6	13.0	2.8	-	-	-	-	11.3
	25.0	18.8	_					_		12.5
manufacturing Pharmaceutical preparation	23.0	10.0	-	_	-	_	_	-	-	12.5
manufacturing	21.0	11.9	5.6	13.3	2.8	_	_	_	_	11.2
In-vitro diagnostic substance	21.0	11.3	5.0	10.0	2.0	_	_	_	_	11.2
manufacturing	_	_	_	28.6	_	_	_	_	_	_
Biological product (except diagnostic)										
manufacturing	18.2	-	_	_	_	_	-	_	-	-
Paint, coating, and adhesive										
manufacturing	21.6	10.8	-	17.6	2.7	-	-	-	-	13.5
Paint and coating manufacturing	25.0	13.5	-	15.4	3.8	-	-	-	-	11.5
Adhesive manufacturing	18.2	9.1	-	22.7	-	-	-	-	-	18.2
Soap, cleaning compound, and toilet										
Suap, cleaning compound, and tollet	22.5									

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects	i			
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Soap and cleaning compound									
manufacturing Soap and other detergent	32561	560	23.2	7.1	3.6	8.9	3.6	8.9	3.6
manufacturing Polish and other sanitation good	325611	210	23.8	-	-	9.5	-	9.5	-
manufacturing	325612	290	20.7	10.3	-	6.9	-	10.3	-
Surface active agent manufacturing	325613	60	-	-	-	-	-	-	-
Toilet preparation manufacturing	32562	460	28.3	13.0	6.5	10.9	6.5	17.4	-
Other chemical product and preparation	2250	1 020	29.1	15.5	5.8	E 0	1.9	6.0	6.8
manufacturing Printing ink manufacturing	3259 32591	1,030 120	33.3	16.7	5.0	5.8	1.9	6.8	0.0
Explosives manufacturing	32591	80		- 10.7			_		
All other chemical product and	02002	00							
preparation manufacturing	32599	830	30.1	15.7	6.0	7.2	_	6.0	7.2
Custom compounding of purchased									
resins All other miscellaneous chemical product and preparation	325991	230	34.8	21.7	8.7	-	-	-	13.0
manufacturing	325998	310	25.8	9.7	_	6.5	_	9.7	_
Plastics and rubber products manufacturing	326	12,690	37.8	14.9	8.4	11.5	1.9	10.5	2.4
Plastics product manufacturing	3261	9,900	38.5	14.5	9.5	11.0	2.0	10.8	2.6
Unsupported plastics film, sheet, and		-,		-			-		_
bag manufacturing Unsupported plastics bag	32611	1,490	40.3	13.4	8.7	14.1	1.3	10.1	1.3
manufacturing	326111	310	41.9	12.9	12.9	16.1	6.5	9.7	-
Unsupported plastics film and sheet (except packaging) manufacturing	326113	980	36.7	12.2	8.2	14.3	_	11.2	2.0
Plastics pipe, pipe fitting, and unsupported profile shape									
manufacturing Unsupported plastics profile shape	32612	1,080	41.7	13.9	13.9	11.1	2.8	9.3	2.8
manufacturing Plastics pipe and pipe fitting	326121	500	42.0	14.0	14.0	12.0	-	10.0	4.0
manufacturing Laminated plastics plate, sheet, and	326122	580	39.7	13.8	13.8	10.3	3.4	8.6	-
shape manufacturing	32613	300	40.0	16.7	6.7	13.3	-	-	-
Polystyrene foam product manufacturing Urethane and other foam product	32614	370	40.5	16.2	10.8	10.8	-	10.8	-
(except polystyrene) manufacturing	32615	630	34.9	7.9	7.9	19.0	-	9.5	-
Plastics bottle manufacturing	32616	380	36.8	13.2	5.3	13.2	5.3	10.5	-
Other plastics product manufacturing Plastics plumbing fixture	32619	5,650	37.7	15.4	9.4	9.0	1.9	11.9	3.2
manufacturing	326191	250	32.0	20.0	-	8.0	-	8.0	-

				Percent of	industry ca	ase total in	volving —			
	Overe	exertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Soap and cleaning compound										
manufacturing Soap and other detergent	25.0	8.9	8.9	10.7	3.6	-	-	-	-	12.5
manufacturing Polish and other sanitation good	33.3	-	_	9.5	-	-	_	-	-	-
manufacturing	13.8	6.9	13.8	13.8	-	-	-	-	-	20.7
Surface active agent manufacturing	50.0	33.3	-	-	-	-	-	-	-	-
Toilet preparation manufacturing	19.6	8.7	6.5	6.5	4.3	-	-	-	-	6.5
Other chemical product and preparation										
manufacturing	21.4	7.8	6.8	10.7	3.9	-	-	-	-	12.6
Printing ink manufacturing		16.7	-	16.7	-	-	-	-	-	-
Explosives manufacturing All other chemical product and	-	-	-	-	25.0	-	-	-	-	-
preparation manufacturing	21.7	7.2	7.2	9.6	_	_	_	_	_	13.3
Custom compounding of purchased										
resins All other miscellaneous chemical	8.7	8.7	-	8.7	-	-	-	-	-	21.7
product and preparation manufacturing	25.8	12.9		16.1						12.9
Plastics and rubber products manufacturing	23.8	12.9	7.8	5.3	1.5	0.2	_	_		9.4
Plastics product manufacturing	23.0	12.0	7.0	5.9	1.5	.3	-	_		9.4
Unsupported plastics film, sheet, and	20.9	12.7	1.1	5.9	1.0	.3	-	_		9.6
bag manufacturing	24.2	12.8	3.4	6.0	2.0	_	_	_	_	10.7
Unsupported plastics bag	27.2	12.0	0.4	0.0	2.0					10.7
manufacturing	16.1	_	_	6.5	6.5	-	_	_	-	12.9
Unsupported plastics film and sheet (except packaging) manufacturing	27.6	17.3	2.0	7.1	_	_	_	_	_	10.2
Plastics pipe, pipe fitting, and unsupported profile shape										
manufacturing Unsupported plastics profile shape	18.5	10.2	10.2	3.7	-	-	-	-	-	11.1
manufacturing Plastics pipe and pipe fitting	20.0	12.0	10.0	-	-	-	-	-	-	12.0
manufacturing Laminated plastics plate, sheet, and	17.2	8.6	10.3	5.2	-	-	-	-	-	10.3
shape manufacturing	33.3	20.0	_	_	_	_	_	_	_	13.3
Polystyrene foam product manufacturing Urethane and other foam product	27.0	16.2	-	-	5.4	-	-	-	-	8.1
(except polystyrene) manufacturing	20.6	11.1	7.9	9.5	_	_	_	_	_	12.7
Plastics bottle manufacturing	20.0	13.2	7.9	_	_	_	_	_	_	10.5
Other plastics product manufacturing Plastics plumbing fixture	19.6	12.7	9.0	6.7	1.2	-	-	-	-	8.3
manufacturing	24.0	12.0	-	8.0		-	-	-	-	16.0

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
All other plastics product									
manufacturing	326199	5,360	37.7	15.1	9.7	9.1	2.1	12.1	3.2
Rubber product manufacturing	3262	2,790	35.5	16.1	4.7	13.3	1.8	9.3	1.4
Tire manufacturing	32621	1,030	30.1	14.6	3.9	10.0	1.9	4.9	1.9
Tire manufacturing (except	52021	1,000	50.1	14.0	0.0	10.7	1.5		1.5
retreading)	326211	920	29.3	12.0	4.3	12.0	2.2	4.3	2.2
Tire retreading	326212	110	36.4	27.3	-	-		-	
Rubber and plastics hoses and belting	020212	110	00.1	21.0					
manufacturing	32622	440	40.9	18.2	9.1	13.6	_	9.1	_
Other rubber product manufacturing	32629	1,320	37.9	16.7	3.8	15.2	1.5	12.9	1.5
Rubber product manufacturing for	02020	1,020	0.10		0.0				
mechanical use	326291	800	37.5	13.8	3.8	17.5	_	11.2	_
All other rubber product									
manufacturing	326299	520	38.5	23.1	3.8	9.6	_	17.3	_
Nonmetallic mineral product manufacturing	327	10.470	37.2	17.7	6.1	9.2	7.7	8.3	2.9
Clay product and refractory manufacturing	3271	790	38.0	17.7	6.3	11.4	2.5	10.1	2.5
Pottery, ceramics, and plumbing fixture									
manufacturing	32711	330	30.3	15.2	6.1	9.1	_	9.1	-
Vitreous china plumbing fixture and									
china and earthenware bathroom									
accessories manufacturing	327111	40	-	-	-	-	_	_	-
Vitreous china, fine earthenware, and									
other pottery product manufacturing	327112	140	21.4	14.3	-	-	_	_	-
Clay building material and refractories									
manufacturing	32712	450	44.4	17.8	8.9	13.3	4.4	8.9	-
Brick and structural clay tile									
manufacturing	327121	160	50.0	18.8	-	25.0	-	-	-
Ceramic wall and floor tile									
manufacturing	327122	140	42.9	21.4	14.3	-	-	-	-
Other structural clay product									
manufacturing	327123	20		-	-	-	-	-	-
Clay refractory manufacturing	327124	30	66.7	-	-	-	-	-	-
Nonclay refractory manufacturing	327125	110	27.3	-		_	-	-	
Glass and glass product manufacturing	3272	1,570	37.6	19.1	7.6	7.0	2.5	7.6	2.5
Glass and glass product manufacturing	32721	1,570	37.6	19.1	7.6	7.0	2.5	7.6	2.5
Flat glass manufacturing	327211	210	47.6	28.6	-	9.5	-	-	-
Other pressed and blown glass and	007040			10.0				40.0	
glassware manufacturing	327212	290	31.0	13.8	6.9		-	10.3	-
Glass container manufacturing	327213	270	29.6	11.1	7.4	11.1	7.4	7.4	7.4
Glass product manufacturing made of	007045	040	20.5	04.0			0.5		
purchased glass	327215	810	39.5	21.0	8.6	6.2	2.5	6.2	-
Cement and concrete product	0070	0.440	00 F	440			40.0		
manufacturing	3273	6,440	32.5	14.3	5.9	9.5	10.9	9.0	3.4
Ready-mix concrete manufacturing	32732	3,610	23.3	9.1	6.1	5.8	14.1	10.5	4.7
			1		1	1			L

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
All other plactice product										
All other plastics product	19.4	12.9	9.3	6.7	1.1					8.0
manufacturing						_	_	-	-	
Rubber product manufacturing	30.5	13.3	8.2	3.2	1.1	-	-	-	-	8.6
Tire manufacturing	37.9	12.6	7.8	2.9	1.9	-	-	-	-	9.7
Tire manufacturing (except										
_retreading)	39.1	10.9	8.7	2.2	2.2	-	-	-	-	8.7
Tire retreading	27.3	18.2	-	-	-	-	-	-	-	18.2
Rubber and plastics hoses and belting										
manufacturing	27.3	11.4	6.8	4.5	-	-	-	-	-	11.4
Other rubber product manufacturing	25.8	14.4	9.1	3.0	-	-	-	-	-	6.8
Rubber product manufacturing for										
mechanical use	27.5	15.0	7.5	5.0	-	-	-	-	-	8.8
All other rubber product										
manufacturing	23.1	13.5	11.5	-	-	-	-	-	-	3.8
Nonmetallic mineral product manufacturing	20.3	10.4	2.9	3.8	5.4	0.3	0.4	0.3	-	10.8
Clay product and refractory manufacturing	22.8	10.1	5.1	5.1	-	_	_	-	-	12.7
Pottery, ceramics, and plumbing fixture										
manufacturing	33.3	15.2	6.1	-	-	_	_	-	-	12.1
Vitreous china plumbing fixture and										
china and earthenware bathroom										
accessories manufacturing	50.0	_	_	_		_	_	_	-	-
Vitreous china, fine earthenware, and										
other pottery product manufacturing	35.7	14.3	_	_		_	_	_	-	14.3
Clay building material and refractories										
manufacturing	15.6	6.7	4.4	4.4		_	_	_	- 1	13.3
Brick and structural clay tile										
manufacturing	12.5	_	_	_		_	_	_	_	12.5
Ceramic wall and floor tile										
manufacturing	14.3	_	_	_		_	_	_	_	14.3
Other structural clay product										
manufacturing	_	_	_	_		_	_	_	- 1	_
Clay refractory manufacturing	_	_	_	_	_	_	_	_	_	_
Nonclay refractory manufacturing	18.2	_	_	_	_	_	_	_	_	_
Glass and glass product manufacturing	23.6	13.4	10.2	5.1	1.3	1.3	_	_	_	8.3
Glass and glass product manufacturing	23.6	13.4	10.2	5.1	1.3	1.3	_	_	_	8.3
Flat glass manufacturing	33.3	23.8		9.5	1.5	-	_	_	L _	0.0
Other pressed and blown glass and	55.5	25.0	_	3.5		_		_	_	_
glassware manufacturing	20.7	6.9	10.3	6.9	_		_	_	_	10.3
			- 10.5		_	_	_	_	_	
Glass container manufacturing	22.2	11.1	-	11.1	-	_	-	-	-	7.4
Glass product manufacturing made of	22 F	100	12.0	25						
purchased glass	23.5	16.0	13.6	2.5	-	-	-	-	-	8.6
Cement and concrete product	40.0	0.5	4.0	0.7			-	_		10.0
manufacturing Ready-mix concrete manufacturing	18.3	8.5	1.2	3.7	8.1	_	.5	.3	_	12.0
	17.5	8.3		4.4	11.6	-	-		I –	13.0

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Concrete pipe, brick, and block									
Concrete block and brick	32733	940	43.6	23.4	3.2	13.8	11.7	5.3	2.1
manufacturing	327331	640	43.8	21.9	4.7	12.5	9.4	6.2	_
Concrete pipe manufacturing	327332	300	46.7	26.7	-	16.7	13.3	_	6.7
Other concrete product manufacturing	32739	1,620	44.4	21.0	6.8	14.2	4.9	6.8	1.9
Lime and gypsum product manufacturing	3274	160	75.0	-	18.8	31.2	-	-	-
Gypsum product manufacturing	32742	60	66.7	-	-	33.3	-	-	-
Other nonmetallic mineral product									
manufacturing	3279	1,520	52.0	32.2	4.6	6.6	3.3	5.3	1.3
Abrasive product manufacturing All other nonmetallic mineral product	32791	100	40.0	20.0	-	-	-	-	_
manufacturing Cut stone and stone product	32799	1,410	53.9	33.3	4.3	6.4	2.8	5.7	-
manufacturing Ground or treated mineral and earth	327991	810	63.0	51.9	2.5	3.7	2.5	2.5	-
manufacturing	327992	80	37.5	_	_	_	_	_	_
Mineral wool manufacturing	327993	290	41.4	6.9	10.3	6.9	6.9	6.9	_
All other miscellaneous nonmetallic									
mineral product manufacturing	327999	240	41.7	12.5	-	12.5	_	8.3	-
Primary metal manufacturing	331	10,440	39.4	17.4	6.4	11.0	3.6	6.7	2.5
Iron and steel mills and ferroalloy									
manufacturing Iron and steel mills and ferroalloy	3311	1,790	32.4	15.6	4.5	10.6	7.3	9.5	3.4
manufacturing	33111	1,790	32.4	15.6	4.5	10.6	7.3	9.5	3.4
Iron and steel mills	331111	1,750	32.0	16.0	4.0	10.9	7.4	9.7	3.4
Electrometallurgical ferroalloy product									
manufacturing Steel product manufacturing from	331112	40	-	_	-	-	-	-	_
purchased steel Iron and steel pipe and tube	3312	1,470	40.1	19.0	6.8	12.9	5.4	10.2	3.4
manufacturing from purchased steel	33121	630	36.5	17.5	6.3	11.1	7.9	11.1	3.2
Rolling and drawing of purchased steel	33122	840	44.0	20.2	7.1	14.3	3.6	9.5	3.6
Rolled steel shape manufacturing	331221	520	44.2	17.3	9.6	15.4	_	13.5	3.8
Steel wire drawing	331222	330	39.4	21.2	-	15.2	-	6.1	-
Alumina and aluminum production and									
processing Alumina and aluminum production and	3313	1,210	39.7	18.2	9.9	8.3	5.8	5.0	1.7
processing	33131	1,210	39.7	18.2	9.9	8.3	5.8	5.0	1.7
Primary aluminum production Secondary smelting and alloying of	331312	220	45.5	22.7	-	13.6	-	-	-
aluminum Aluminum sheet, plate, and foil	331314	260	34.6	11.5	19.2	-	11.5	-	-
manufacturing	331315	100	40.0	_	_	-	_	_	_

Industry ³	Overe	xertion			1 1					
Industry ³				Expo-			Assault	ts and viole	ent acts	
	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Concrete pipe, brick, and block										
manufacturing Concrete block and brick	18.1	10.6	2.1	4.3	-	-	-	-	-	11.7
manufacturing	21.9	10.9	_	4.7	_	_	_	_	-	14.1
Concrete pipe manufacturing	10.0	6.7	6.7	6.7	_	-	_	_	-	6.7
Other concrete product manufacturing	21.6	8.0	1.9	1.2	4.9	-	1.2	1.2	-	10.5
Lime and gypsum product manufacturing	-	-	_	-	_	-	-	-	-	_
Gypsum product manufacturing Other nonmetallic mineral product	-	-	-	-	-	-	-	-	-	-
manufacturing	25.0	15.8	2.0	2.6		_	_	_	_	7.9
Abrasive product manufacturing	40.0	-	-	-	_	_	_	_	_	20.0
All other nonmetallic mineral product manufacturing	24.1	15.6	1.4	2.8	_	_	_	_	_	7.1
Cut stone and stone product										
manufacturing Ground or treated mineral and earth	24.7	17.3	-	_	-	-	-	-	-	4.9
manufacturing	-	-	-	-	-	-	-	-	-	_
Mineral wool manufacturing	27.6	13.8	-	-	-	-	-	-	-	10.3
All other miscellaneous nonmetallic mineral product manufacturing	25.0	16.7		12.5						8.3
Primary metal manufacturing	23.0	9.8	5.0	8.6	1.2	0.4		_		10.1
Iron and steel mills and ferroalloy	22.7	5.0	5.0	0.0	1.2	0.4				10.1
manufacturing	20.7	6.1	2.8	8.9	1.1	1.1	-	_	-	13.4
Iron and steel mills and ferroalloy										
manufacturing	20.7	6.1	2.8	8.9	1.1	1.1	-	-	-	13.4
Iron and steel mills	20.6	6.3	2.9	8.6	1.1	1.1	-	-	-	13.1
Electrometallurgical ferroalloy product										
manufacturing Steel product manufacturing from	-	-	-	-	-	-	-	-	-	-
purchased steel Iron and steel pipe and tube	21.8	8.2	3.4	4.8	1.4	-	-	-	-	9.5
manufacturing from purchased steel	22.2	6.3	3.2	6.3						9.5
Rolling and drawing of purchased steel	21.4	9.5	3.6	3.6	2.4	_	_	_		9.5
Rolled steel shape manufacturing	17.3	9.6	- 5.0	3.8		_		_		9.6
Steel wire drawing	27.3	9.0	_ 6.1	- 5.0		_	_	_		12.1
Alumina and aluminum production and	21.0	5.1	0.1							12.1
processing	28.1	14.0	4.1	6.6	1.7	_	_	_	_	8.3
Alumina and aluminum production and	20.1		7.1	0.0						
processing	28.1	14.0	4.1	6.6	1.7	_	_	_	-	8.3
Primary aluminum production	36.4	22.7	_	_		-	_	-	-	_
Secondary smelting and alloying of										
aluminum Aluminum sheet, plate, and foil	19.2	11.5	_	15.4	-	-	-	-	-	7.7
manufacturing	20.0	_	-	-	-	-	-	-	-	-

$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Slips or trips without fall - - 2.5 - -
Industry3	or trips without fall
manufacturing 331316 510 39.2 21.6 9.8 7.8 3.9 5.9 Other aluminum rolling and drawing 331319 110 45.5 18.2 -	- - 2.5 -
manufacturing 331316 510 39.2 21.6 9.8 7.8 3.9 5.9 Other aluminum rolling and drawing 331319 110 45.5 18.2 -	_ _ 2.5 _ _
production and processing33141,62034.612.36.213.62.57.4Nonferrous metal (except aluminum) smelting and refining of copper331419033.3Primary smelting and refining of copper33141130Primary smelting and refining of nonferrous metal (except copper and aluminum)33141130Signal33141130Primary smelting and refining of nonferrous metal (except copper and aluminum)3314196033.3Copper rolling, drawing, extruding, and	2.5 - -
smelting and refining331419033.3Primary smelting and refining of copper33141130Primary smelting and refining of nonferrous metal (except copper and aluminum)3314196033.3Copper rolling, drawing, extruding, and3314196033.3	-
copper33141130Primary smelting and refining of nonferrous metal (except copper and aluminum)3314196033.3Copper rolling, drawing, extruding, and6033.3	-
aluminum) 331419 60 33.3 -	
alloying	-
	3.4
Copper rolling, drawing, and extruding Nonferrous metal (except copper and33142154035.211.17.413.0-5.6	-
aluminum) rolling, drawing, extruding, and alloying	-
extruding	-
copper and aluminum)	_
Foundries	2.1
Ferrous metal foundries	2.2
Iron foundries	2.2
Steel investment foundries	_
Steel foundries (except investment) 331513 640 46.9 18.8 7.8 12.5 – 4.7	_
Nonferrous metal foundries	1.8
Aluminum die-casting foundries 331521 550 36.4 16.4 7.3 7.3 – 7.3	3.6
Nonferrous (except aluminum)	
die-casting foundries	-
die-casting) 331524 610 39.3 23.0 8.2 6.6 – 3.3	-
Copper foundries (except die-casting) 331525 180 38.9 11.1 – 22.2 – –	-
Other nonferrous foundries (except	
die-casting) 331528 120 41.7 25.0 – – – – –	-
Fabricated metal product manufacturing 332 28,720 46.3 20.1 7.1 14.3 3.5 6.5	2.3
Forging and stamping 3321 2,700 50.4 16.7 6.7 22.6 3.3 4.4	1.9
Forging and stamping 33211 2,700 50.4 16.7 6.7 22.6 3.3 4.4	1.9
Iron and steel forging 332111 820 39.0 18.3 4.9 11.0 2.4 7.3	3.7
Custom roll forming	-
Crown and closure manufacturing 332115 40 - <td>-</td>	-

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Aluminum extruded product										
manufacturing	27.5	15.7	7.8	5.9	_	_	_	_	_	7.8
Other aluminum rolling and drawing	27.3	_	-	-	_	_	_	_	_	18.2
Nonferrous metal (except aluminum)	-									-
production and processing	29.0	13.6	7.4	5.6	1.2	-	-	-	-	9.9
Nonferrous metal (except aluminum)										
smelting and refining Primary smelting and refining of	-	-	-	-	-	-	-	-	-	-
copper	_	_	_	_		_	_	_	_	_
Primary smelting and refining of	_	_	_	_			_	_		
nonferrous metal (except copper and										
aluminum)	-	-	-	-	-	-	_	-	-	_
Copper rolling, drawing, extruding, and										
alloying	27.4	9.4	8.5	4.3	-	-	-	-	-	11.1
Copper rolling, drawing, and extruding	27.8	9.3	9.3	5.6	-	-	-	-	-	11.1
Nonferrous metal (except copper and										
aluminum) rolling, drawing, extruding, and alloying	36.1	27.8	5.6	11.1						5.6
Nonferrous metal (except copper and	30.1	27.0	5.0	11.1	_	_	-	_		5.0
aluminum) rolling, drawing, and										
extruding	30.0	15.0	_	_	_	_	_	_	_	_
Secondary smelting, refining, and alloying of nonferrous metal (except										
copper and aluminum)	43.8	43.8	-	12.5	-	-	-	-	-	-
Foundries	19.5	9.4	6.0	11.3	1.4	-	-	-	-	9.4
Ferrous metal foundries	19.7	8.9	5.6	9.7	1.9	-	-	-	-	8.2
Iron foundries	21.1	8.3	4.4	8.9	1.7	-	-	-	-	7.8
Steel investment foundries Steel foundries (except investment)	16.0 17.2	12.0 9.4	12.0 6.2	12.0 10.9	- 3.1	_	_	_	-	8.0 9.4
Nonferrous metal foundries	17.2	10.2	6.0	13.9	3.1	_				9.4
Aluminum die-casting foundries	14.5	5.5	7.3	12.7	_	_	_	_		14.5
Nonferrous (except aluminum)	11.0	0.0	1.0							11.0
die-casting foundries	20.0	10.0	-	10.0	-	-	-	-	-	10.0
Aluminum foundries (except										
die-casting)	21.3	13.1	4.9	13.1	-	-	-	-	-	13.1
Copper foundries (except die-casting)	16.7	-	-	33.3	-	-	-	-	-	-
Other nonferrous foundries (except	22.2	407								
die-casting) Fabricated metal product manufacturing	33.3 20.1	16.7 11.4	- 5.3	- 5.7	1.0	_ 0.3	0.1	_	0.1	- 8.9
Fabricated metal product manufacturing Forging and stamping	20.1	11.4	5.3 6.7	3.0	1.0	0.3	0.1	_	0.1	8.9 7.0
Forging and stamping	21.5	11.5	6.7	3.0	.7	.7	_	_		7.0
Iron and steel forging	26.8	15.9	4.9	4.9	_'	'	_	_	_	9.8
Custom roll forming	18.2	_	_	_	_	_	_	-	-	_
Crown and closure manufacturing	50.0	-	-	-	-	-	-	-	-	-
5										

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Metal stamping Powder metallurgy part manufacturing Cutlery and handtool manufacturing Cutlery and handtool manufacturing	332116 332117 3322 33221	1,300 220 950 950	60.8 31.8 33.7 33.7	13.1 18.2 14.7 14.7	8.5 - 9.5 9.5	36.2 9.1 7.4 7.4	1.5 18.2 2.1 2.1	3.1 - 6.3 6.3	- - 4.2 4.2
Cutlery and flatware (except precious) manufacturing	332211	190	10.5	-	_	-	-	_	_
Hand and edge tool manufacturing Saw blade and handsaw	332212	480	37.5	14.6	10.4	10.4	-	8.3	4.2
manufacturing Kitchen utensil, pot, and pan	332213	130	38.5	23.1	-	-	-	-	-
manufacturing Architectural and structural metals	332214	140	50.0	28.6	14.3	-	-	-	_
manufacturing Plate work and fabricated structural	3323	9,040	51.3	24.3	7.3	14.6	4.2	6.0	2.0
product manufacturing Prefabricated metal building and	33231	5,230	56.6	27.7	6.1	16.6	3.6	5.7	1.9
component manufacturing Fabricated structural metal	332311	690	58.0	26.1	13.0	18.8	4.3	2.9	2.9
Manufacturing Plate work manufacturing Ornamental and architectural metal	332312 332313	3,260 1,280	57.7 53.1	29.8 23.4	5.2 5.5	14.4 21.1	4.0 2.3	5.8 7.0	1.5 2.3
Metal window and door manufacturing Sheet metal work manufacturing	33232 332321 332322	3,810 1,110 1,820	44.1 39.6 46.7	19.7 18.9 20.9	8.7 9.0 9.9	11.8 9.9 11.5	5.0 4.5 2.7	6.6 6.3 4.9	1.8 - 2.7
Ornamental and architectural metal work manufacturing	332323	890	43.8	19.1	6.7	14.6	10.1	9.0	_
Boiler, tank, and shipping container manufacturing Power boiler and heat exchanger	3324	1,990	45.7	22.1	8.5	10.1	5.0	6.5	2.5
Metal can, box, and other metal	33241 33242	320 810	40.6 58.0	25.0 28.4	_ 11.1	6.2 11.1	_ 2.5	6.2 4.9	
Container (light gauge) manufacturing Metal can manufacturing Other metal container manufacturing	33243 332431 332439	850 290 560	36.5 27.6 41.1	15.3 10.3 17.9	8.2 6.9 8.9	10.6 6.9 12.5	9.4 6.9 10.7	9.4 13.8 7.1	3.5 6.9 –
Hardware manufacturing Spring and wire product manufacturing Spring and wire product manufacturing Spring (light gauge) manufacturing	3325 3326 33261 332612	400 1,350 1,350 320	35.0 40.7 40.7 40.6	10.0 14.1 14.1 15.6	5.0 5.9 5.9 6.2	15.0 17.0 17.0 15.6	- 1.5 1.5	12.5 5.2 5.2	7.5 3.0 3.0
Other fabricated wire product manufacturing	332612	1,020	40.8	13.7	5.9	17.6	2.0	5.9	3.9
Machine shops; turned product; and screw, nut, and bolt manufacturing Machine shops	3327 33271	5,670 4,240	46.4 50.0	20.1 23.1	7.6 7.8	13.8 14.4	4.2 4.7	7.8 8.5	1.4 1.4

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Motal stamping	16.9	9.2	7.7	2.3		1.5	_	_	_	5.4
Metal stamping Powder metallurgy part manufacturing	27.3	13.6	9.1	2.3	-	1.5	-	_		5.4
Cutlery and handtool manufacturing	27.3	9.5	17.9	6.3		_	_	_		8.4
Cutlery and handtool manufacturing	20.0	9.5	17.9	6.3		_	_	_		8.4
Cutlery and flatware (except precious)	20.0	9.5	17.9	0.5	-	_	_	_	_	0.4
manufacturing	10.5		68.4			_	_	_	_	
Hand and edge tool manufacturing	22.9	8.3	6.2	6.2		_		_		10.4
Saw blade and handsaw	22.9	0.5	0.2	0.2	_	_	_	_	_	10.4
manufacturing	30.8	15.4	_	_	_	_	_	_	_	_
Kitchen utensil, pot, and pan	50.0	10.4								
manufacturing	14.3	14.3	_	21.4	_	_	_	_	_	_
Architectural and structural metals	14.5	14.5	_	21.4	_		_	_	_	
manufacturing	18.1	11.1	2.7	5.6	1.0	.2	0.2	_	_	8.7
Plate work and fabricated structural	10.1	''''	2.1	5.0	1.0	.2	0.2	_	_	0.7
product manufacturing	15.1	9.4	1.5	5.9	1.0			_		8.4
Prefabricated metal building and	13.1	9.4	1.5	5.9	1.0	_	_	_	_	0.4
component manufacturing	15.9	10.1	2.9	_	2.9			_		10.1
Fabricated structural metal	15.9	10.1	2.9	_	2.9	_	_	_	_	10.1
manufacturing	14.7	9.5	.9	7.1	.6		_	_	_	8.0
Plate work manufacturing	14.7	8.6	3.1	5.5	.0	_	_	_		8.6
Ornamental and architectural metal	15.0	0.0	5.1	5.5	_	_	_	_	_	0.0
products manufacturing	22.3	13.4	3.9	5.2	1.0	.5	_	_	_	9.2
Metal window and door manufacturing	22.3	16.2	9.0	2.7	1.0	.5	_	_		7.2
Sheet metal work manufacturing	22.0	13.7	2.2	6.0	1.1	_	_			9.9
Ornamental and architectural metal	22.0	13.7	2.2	0.0	1.1	_	_	_	_	9.9
work manufacturing	16.9	10.1	_	6.7				_	_	9.0
Boiler, tank, and shipping container	10.9	10.1	_	0.7	_	_	_	_	_	9.0
manufacturing	17.1	7.5	5.5	5.5	1.5			_		10.6
Power boiler and heat exchanger	17.1	1.5	5.5	5.5	1.5	_	_	_	_	10.0
manufacturing	25.0	9.4	9.4	6.2	_	_	_	_	_	12.5
Metal tank (heavy gauge) manufacturing	23.0	2.5	4.9	6.2			_			9.9
Metal can, box, and other metal		2.0	4.5	0.2						0.0
container (light gauge) manufacturing	20.0	11.8	3.5	5.9	2.4	_	_	_	_	10.6
Metal can manufacturing	17.2	6.9	6.9		2.4	_	_	_	_	17.2
Other metal container manufacturing	21.4	12.5		7.1	3.6	_	_	_	_	7.1
Hardware manufacturing	25.0	12.5	7.5			_	_	_	_	10.0
Spring and wire product manufacturing	23.0	13.3	11.9	4.4	1.5	_	_	_	_	6.7
Spring and wire product manufacturing	24.4	13.3	11.9	4.4	1.5	_	_	_	_	6.7
Spring (light gauge) manufacturing	18.8	12.5	28.1		-	_	_	_	_	9.4
Other fabricated wire product	10.0	12.5	20.1			_	_			3.4
manufacturing	26.5	13.7	6.9	4.9	2.0	_	_	_	_	6.9
Machine shops; turned product; and screw,										
nut, and bolt manufacturing	19.2	11.5	4.1	6.2	1.1	.4	_	_	_	9.3
Machine shops	16.7	10.1	1.9	6.1	1.4		_	_	_	9.2

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Turned product and screw, nut, and bolt manufacturing	33272	1,430	36.4	11.2	7.0	11.9	2.8	6.3	1.4
Precision turned product									1.4
manufacturing Bolt, nut, screw, rivet, and washer	332721	800	33.8	10.0	6.2	13.8	2.5	3.8	-
manufacturing Coating, engraving, heat treating, and	332722	630	39.7	12.7	7.9	9.5	3.2	9.5	-
allied activities	3328	2,330	44.2	16.3	7.3	14.2	2.6	6.0	1.7
Coating, engraving, heat treating, and allied activities	33281	2,330	44.2	16.3	7.3	14.2	2.6	6.0	1.7
Metal heat treating	332811	310	45.2	12.9	-	19.4	6.5	12.9	-
Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers	332812	900	53.3	21.1	8.9	13.3	_	5.6	2.2
Electroplating, plating, polishing,									
anodizing, and coloring Other fabricated metal product	332813	1,120	37.5	13.4	7.1	12.5	2.7	4.5	1.8
manufacturing	3329	4,300	40.2	17.9	5.8	11.9	2.1	7.7	3.7
Metal valve manufacturing Industrial valve manufacturing	33291 332911	1,110 340	40.5 44.1	16.2 17.6	5.4	15.3 17.6	_	8.1 5.9	3.6
Fluid power valve and hose fitting	552911	340	44.1	17.0	_	17.0	-	5.9	
manufacturing Plumbing fixture fitting and trim	332912	330	33.3	12.1	6.1	12.1	-	12.1	-
manufacturing Other metal valve and pipe fitting	332913	120	16.7	-	-	-	-	16.7	-
manufacturing All other fabricated metal product	332919	310	51.6	22.6	9.7	16.1	-	6.5	-
manufacturing	33299	3,190	40.1	18.5	6.0	10.7	2.5	7.5	3.8
Ball and roller bearing manufacturing Small arms ammunition	332991	390	38.5	17.9	7.7	10.3	-	10.3	-
manufacturing Ammunition (except small arms)	332992	140	35.7	14.3	-	-	-	-	-
manufacturing	332993	40	-	-	-	-	-	50.0	-
Small arms manufacturing Fabricated pipe and pipe fitting	332994	140	35.7	14.3	-	-	-	-	-
manufacturing	332996	600	48.3	26.7	3.3	13.3	-	6.7	10.0
Industrial pattern manufacturing Enameled iron and metal sanitary	332997	120	-	_	_	-	-	_	_
ware manufacturing All other miscellaneous fabricated	332998	140	28.6	14.3	-	-	-	-	-
metal product manufacturing	332999	1,590	42.8	18.2	6.9	11.3	3.1	6.3	3.1
Machinery manufacturing Agriculture, construction, and mining	333	16,650	42.9	19.8	7.3	11.5	2.7	7.0	1.7
machinery manufacturing	3331	4,130	43.3	19.4	6.8	12.1	2.7	6.5	1.7

				Percent of	industry ca	ase total in	volving —			
	Overe	exertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Turned product and screw, nut, and bolt										
manufacturing Precision turned product	25.9	14.7	10.5	6.3	-	1.4	-	-	-	9.1
manufacturing Bolt, nut, screw, rivet, and washer	30.0	17.5	13.8	2.5	-	-	-	-	-	11.2
manufacturing Coating, engraving, heat treating, and	20.6	11.1	6.3	11.1	-	3.2	-	-	-	6.3
allied activities Coating, engraving, heat treating, and	21.0	12.9	5.6	9.9	1.3	-	-	-	-	8.2
allied activities Metal heat treating Metal coating, engraving (except	21.0 22.6	12.9 12.9	5.6 -	9.9	1.3 -	-	-			8.2 6.5
jewelry and silverware), and allied services to manufacturers Electroplating, plating, polishing,	16.7	7.8	3.3	8.9	-	-	-	_	-	8.9
anodizing, and coloring Other fabricated metal product	24.1	17.9	8.0	12.5	1.8	-	-	_	-	8.0
manufacturing Metal valve manufacturing Industrial valve manufacturing	23.7 27.9 29.4	12.8 14.4 17.6	6.5 9.0 5.9	5.3 2.7 -	.7 _ _	- -	- - -	- - -	- - -	10.2 7.2 8.8
Fluid power valve and hose fitting manufacturing	30.3	15.2	9.1	-	-	-	-	-	-	6.1
Plumbing fixture fitting and trim manufacturing Other metal valve and pipe fitting	33.3	16.7	16.7	-	-	-	-	-	-	-
Manufacturing All other fabricated metal product	22.6	12.9	9.7	-	-	-	-	_	-	6.5
manufacturing Ball and roller bearing manufacturing	22.3 23.1	11.9 10.3	5.6 7.7	6.3 5.1	.9 _		-	-		11.3 10.3
Small arms ammunition manufacturing Ammunition (except small arms)	21.4	14.3	21.4	-	-	-	-	-	-	-
manufacturing Small arms manufacturing	_ 28.6	_ 21.4					-	-		_ 14.3
Fabricated pipe and pipe fitting manufacturing Industrial pattern manufacturing	23.3	8.3 -	3.3 -				-			6.7 58.3
Enameled iron and metal sanitary ware manufacturing All other miscellaneous fabricated	14.3	_	_	-	-	-	-	_	-	42.9
metal product manufacturing	21.4 23.5	11.9 12.8	5.0 6.6	8.8 5.2	1.3 1.3	- .1	_ 0.5			7.5 8.4
Agriculture, construction, and mining machinery manufacturing	22.8	11.4	4.6	6.8	1.5	-	-	_	-	10.2

				Perce	ent of indu	stry case to	otal involvii	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Agricultural implement manufacturing Farm machinery and equipment	33311	1,630	44.8	20.9	8.0	13.5	1.8	4.9	-
manufacturing	333111	1,360	46.3	22.1	8.1	13.2	2.2	4.4	_
lawn and garden equipment	000440	070							
manufacturing Construction machinery manufacturing Mining and oil and gas field machinery	333112 33312	270 1,640	37.0 39.6	14.8 15.9	4.9	14.8 9.8		7.4 7.3	1.8
manufacturing Mining machinery and equipment	33313	860	46.5	22.1	8.1	14.0	3.5	8.1	2.3
manufacturing Oil and gas field machinery and	333131	280	39.3	21.4	7.1	10.7	-	7.1	-
equipment manufacturing Industrial machinery manufacturing Sawmill and woodworking machinery		580 1,580	50.0 44.3	22.4 24.1	8.6 8.9	15.5 7.6	5.2 2.5	10.3 6.3	3.4 1.9
manufacturing Plastics and rubber industry machinery	33321	110	18.2	18.2	-	-	-	-	-
manufacturing Other industrial machinery	33322	370	45.9	35.1	-	8.1	-	-	-
manufacturing Paper industry machinery		1,100	46.4	21.8	10.9	8.2	3.6	7.3	2.7
manufacturing		140	28.6	21.4	-	-	-	-	-
Textile machinery manufacturing Printing machinery and equipment	333292	80	50.0	-	-	25.0	-	-	-
manufacturing Food product machinery		110	45.5	27.3	-	18.2	-	-	-
manufacturing Semiconductor machinery		250	48.0	28.0	12.0	8.0	-	_	-
manufacturing All other industrial machinery		150	53.3	26.7	-	13.3	-	-	-
manufacturing Commercial and service industry		370	48.6	18.9	16.2	5.4	-	8.1	5.4
machinery manufacturing Commercial and service industry		1,140	43.0	14.9	9.6	14.0	1.8	11.4	1.8
machinery manufacturing Automatic vending machine		1,140	43.0	14.9	9.6	14.0	1.8	11.4	1.8
manufacturing Commercial laundry, drycleaning, and pressing machine manufacturing		60 80	- 25.0			_	-		
Optical instrument and lens manufacturing		160	43.8		18.8	12.5	_	25.0	
Photographic and photocopying equipment manufacturing		70	42.9	_	_	28.6	_		_

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Agricultural implement manufacturing Farm machinery and equipment	25.2	12.3	5.5	9.8	1.2	_	-	_	-	6.7
Lawn and garden equipment	23.5	10.3	5.1	11.0	-	-	-	-	-	7.4
manufacturing	33.3	22.2	7.4	_		_	_	_	_	_
Construction machinery manufacturing Mining and oil and gas field machinery	23.2	12.2	5.5	4.3	1.8	-	_	_	-	13.4
manufacturing Mining machinery and equipment	18.6	8.1	-	5.8	2.3	-	-	-	-	10.5
Mining machinely and equipment manufacturing Oil and gas field machinery and	21.4	10.7	-	10.7	-	-	-	-	-	14.3
equipment manufacturing	17.2	6.9	-	3.4	-	-	-	-	-	8.6
Industrial machinery manufacturing Sawmill and woodworking machinery	23.4	12.0	5.7	4.4	1.9	-	3.8	-	3.8	6.3
manufacturing Plastics and rubber industry machinery	18.2	-	27.3	-	-	-	-	-	-	27.3
manufacturing Other industrial machinery	27.0	21.6	-	-	-	-	-	-	-	_
manufacturing Paper industry machinery	22.7	10.0	5.5	4.5	1.8	-	-	-	-	6.4
manufacturing Textile machinery manufacturing Printing machinery and equipment	21.4 25.0		14.3 -	14.3 -		_		-	-	-
manufacturing Food product machinery	18.2	-	-	-	-	-	_	-	-	-
manufacturing Semiconductor machinery	24.0	16.0	8.0	-	-	-	_	-	-	-
Manufacturing All other industrial machinery	26.7	20.0	-	-	-	-	_	-	-	-
manufacturing Commercial and service industry	16.2	5.4	-	5.4	-	-	_	-	-	8.1
machinery manufacturing Commercial and service industry	22.8	14.9	9.6	2.6	2.6	-	_	-	-	5.3
machinery manufacturing Automatic vending machine	22.8	14.9	9.6	2.6	2.6	-	_	-	-	5.3
manufacturing Commercial laundry, drycleaning, and	33.3	-	-	-	-	-	-	-	-	-
pressing machine manufacturing Optical instrument and lens	25.0	-	-	-	-	-	-	-	-	_
manufacturing Photographic and photocopying	12.5	-	-	-	-	-	_	-	-	_
equipment manufacturing	28.6	-	-	-	-	-	_	-	-	-

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips withou fall
Other commercial and service									
industry machinery manufacturing Ventilation, heating, air-conditioning, and	333319	650	47.7	20.0	9.2	16.9	3.1	9.2	-
commercial refrigeration equipment manufacturing Ventilation, heating, air-conditioning,	3334	2,100	41.0	19.5	8.1	10.0	5.2	9.5	1.4
and commercial refrigeration equipment manufacturing Air purification equipment	33341	2,100	41.0	19.5	8.1	10.0	5.2	9.5	1.4
manufacturing Industrial and commercial fan and	333411	280	42.9	21.4	7.1	14.3	7.1	7.1	-
blower manufacturing Heating equipment (except warm air	333412	230	56.5	39.1	-	13.0	-	-	-
furnaces) manufacturing Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment	333414	300	40.0	16.7	6.7	10.0	6.7	13.3	-
manufacturing	333415	1,280	38.3	16.4	10.2	8.6	4.7	10.2	1.6
Metalworking machinery manufacturing	3335 33351	2,710	52.8 52.8	23.2 23.2	9.2 9.2	17.3	2.2	6.6	1.1
Metalworking machinery manufacturing Industrial mold manufacturing Machine tool (metal cutting types)	33351	2,710 620	52.8 54.8	23.2	9.2 4.8	17.3 21.0	2.2 _	6.6 6.5	1.1 3.2
manufacturing	333512	310	38.7	16.1	-	12.9	-	9.7	-
manufacturing Special die and tool, die set, jig, and	333513	240	54.2	33.3	8.3	8.3	-	8.3	-
fixture manufacturing Cutting tool and machine tool	333514	850	49.4	17.6	15.3	12.9	4.7	8.2	-
accessory manufacturing Rolling mill machinery and equipment	333515	400	52.5	15.0	7.5	27.5	-	5.0	-
manufacturing Other metalworking machinery	333516	90	77.8	55.6	-	-	_	_	-
manufacturing Engine, turbine, and power transmission	333518	200	70.0	35.0	-	25.0	-	-	-
equipment manufacturing Engine, turbine, and power transmission		1,170	32.5	13.7	5.1	7.7	1.7	9.4	2.6
equipment manufacturing Turbine and turbine generator set	33361	1,170	32.5	13.7	5.1	7.7	1.7	9.4	2.6
units manufacturing Speed changer, industrial high-speed drive, and gear manufacturing	333611 333612	150 240	26.7 37.5	13.3 12.5	8.3	8.3	_	13.3 8.3	_
drive, and gear manufacturing Mechanical power transmission equipment manufacturing		240	37.5	12.5	7.1	7.1	_	7.1	
	333013	200	55.7	10.7	'.'	1.1	_	/.1	-

				Percent of	industry ca	ase total in	volving —			
	Overe	exertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Other commercial and service										
Ventilation, heating, air-conditioning, and commercial refrigeration equipment	21.5	13.8	6.2	3.1	3.1	-	_	-	-	6.2
manufacturing	21.4	10.5	7.1	4.3	1.4	-	_	-	-	7.6
and commercial refrigeration equipment manufacturing Air purification equipment	21.4	10.5	7.1	4.3	1.4	-	_	-	-	7.6
manufacturing Industrial and commercial fan and	21.4	14.3	-	-	-	-	-	-	-	7.1
blower manufacturing Heating equipment (except warm air	17.4	8.7	-	-	-	-	-	-	-	-
Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment	20.0	10.0	6.7	_	-	-	_	_	-	6.7
manufacturing	21.9	10.2	7.8	4.7	1.6	_	_	_	_	8.6
Metalworking machinery manufacturing	19.9	14.0	5.5	4.1	-	-	-	-	-	7.4
Metalworking machinery manufacturing	19.9	14.0	5.5	4.1	-	-	-	-	-	7.4
Industrial mold manufacturing Machine tool (metal cutting types)	19.4	16.1	4.8	-	-	-	-	_	-	8.1
manufacturing Machine tool (metal forming types)	32.3	25.8	6.5	-	-	-	-	-	-	6.5
manufacturing Special die and tool, die set, jig, and	12.5	12.5	-	12.5	-	-	-	-	-	12.5
fixture manufacturing Cutting tool and machine tool	18.8	11.8	5.9	7.1	-	-	-	-	-	7.1
accessory manufacturing Rolling mill machinery and equipment	20.0	12.5	12.5	-	-	-	-	-	-	5.0
manufacturing Other metalworking machinery	-	-	-	-	-	-	-	-	-	22.2
manufacturing Engine, turbine, and power transmission	25.0	-	-	-	-	-	-	-	-	-
equipment manufacturing Engine, turbine, and power transmission	30.8	16.2	8.5	2.6	-	-	-	-	-	10.3
equipment manufacturing Turbine and turbine generator set	30.8	16.2	8.5	2.6	-	-	-	-	-	10.3
units manufacturing Speed changer, industrial high-speed	33.3	13.3	13.3	-	-	-	-	-	-	13.3
drive, and gear manufacturing	33.3	12.5	_	-	-	-	-	-	-	12.5
equipment manufacturing	32.1	21.4	7.1	-	-	-	-	-	-	10.7

				Perce	ent of indus	stry case to	tal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Other engine equipment									
Other general purpose machinery	333618	490	30.6	16.3	4.1	8.2	-	12.2	4.1
manufacturing	3339	3,810	39.4	19.7	5.5	10.0	2.4	4.7	1.8
Pump and compressor manufacturing	33391	560	37.5	17.9	8.9	5.4	3.6	5.4	3.6
Pump and pumping equipment	000044	200	40.4	05.0	40.7			74	
manufacturing Air and gas compressor	333911	280	46.4	25.0	10.7	-	-	7.1	-
manufacturing	333912	250	28.0	16.0	8.0	_	_	_	8.0
Measuring and dispensing pump									
manufacturing	333913	30	-	-	-	-	-	-	-
Material handling equipment manufacturing	33392	1,350	40.0	21.5	6.7	8.9	2.2	4.4	1.5
Elevator and moving stairway manufacturing	333921	150	46.7	20.0	_	-	-	-	-
Conveyor and conveying equipment manufacturing	333922	440	43.2	20.5	11.4	9.1	_	6.8	_
Overhead traveling crane, hoist, and		-	-			-			
monorail system manufacturing Industrial truck, tractor, trailer, and	333923	280	35.7	21.4	-	7.1	-	-	_
stacker machinery manufacturing All other general purpose machinery	333924	480	37.5	20.8	4.2	10.4	-	4.2	-
manufacturing	33399	1,910	39.3	18.8	3.7	12.0	2.1	4.7	1.6
Power-driven handtool manufacturing	333991	90	33.3	_	_	-	-	-	-
Welding and soldering equipment	333992	160	43.8	105		25.0			
manufacturing Packaging machinery manufacturing	333993	160 220	43.8 54.5	12.5 27.3	13.6	13.6	_	9.1	_
Industrial process furnace and oven								-	
manufacturing	333994	110	45.5	27.3	-	-	-	-	-
Fluid power cylinder and actuator manufacturing	333995	290	48.3	20.7	_	10.3	_	_	_
Fluid power pump and motor									
manufacturing Scale and balance (except laboratory)	333996	220	36.4	13.6	-	9.1	-	9.1	-
manufacturing	333997	130	46.2	38.5	-	-	-	-	-
All other miscellaneous general purpose machinery manufacturing	333999	680	30.9	14.7	-	14.7	2.9	4.4	-
Computer and electronic product manufacturing Computer and peripheral equipment	334	6,210	26.6	11.3	6.6	6.0	2.9	14.5	2.1
Computer and peripheral equipment Computer and peripheral equipment	3341	510	15.7	7.8	3.9	3.9	5.9	19.6	3.9
manufacturing Electronic computer manufacturing	33411 334111	510 240	15.7 12.5	7.8 _	3.9 _	3.9 _	5.9 8.3	19.6 25.0	3.9 _
pare							5.0		

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Other engine equipment										
Other engine equipment manufacturing Other general purpose machinery	30.6	16.3	10.2	-	-	-	-	_	-	8.2
manufacturing	25.7	13.4	8.1	7.1	1.3	-	-	-	-	9.2
Pump and compressor manufacturing	25.0	10.7	5.4	10.7	-	-	-	-	-	8.9
Pump and pumping equipment manufacturing Air and gas compressor	17.9	14.3	-	7.1	-	-	-	-	-	10.7
manufacturing Measuring and dispensing pump	28.0	8.0	8.0	12.0	-	-	-	-	-	8.0
manufacturing	-	-	-	-	-	-	-	-	-	-
manufacturing Elevator and moving stairway	25.2	13.3	11.1	7.4	-	-	-	-	-	6.7
manufacturing Conveyor and conveying equipment	26.7	-	-	-	-	-	-	-	-	_
manufacturing Overhead traveling crane, hoist, and	22.7	15.9	11.4	-	-	-	-	-	-	9.1
monorail system manufacturing Industrial truck, tractor, trailer, and	17.9	10.7	7.1	21.4	-	-	-	_	-	7.1
stacker machinery manufacturing All other general purpose machinery	29.2	16.7	12.5	-	-	-	-	-	-	6.2
manufacturing	26.7	13.6	6.8	5.8	2.1	-	-	-	-	10.5
Power-driven handtool manufacturing Welding and soldering equipment	33.3	22.2	-	-	-	-	-	-	-	-
manufacturing	31.2	18.8	-	-	-	-	-	-	-	18.8
Packaging machinery manufacturing Industrial process furnace and oven	22.7	-	_	_	_	_	_	_	_	_
manufacturing Fluid power cylinder and actuator	27.3	18.2	-	_	_	-	_	_	-	_
manufacturing Fluid power pump and motor	27.6	13.8	6.9	-	-	-	-	-	-	-
manufacturing Scale and balance (except laboratory)	27.3	18.2	9.1	-	-	-	-	-	-	9.1
manufacturing All other miscellaneous general	38.5	-	-	-	-	-	-	-	-	_
purpose machinery manufacturing Computer and electronic product	23.5	13.2	11.8	7.4	2.9	_	_	-	-	16.2
manufacturing Computer and peripheral equipment	19.8	10.1	12.7	7.9	1.6	_	_	-	-	11.8
manufacturing Computer and peripheral equipment	25.5	11.8	9.8	3.9	5.9	_	_	-	-	11.8
manufacturing Electronic computer manufacturing	25.5 20.8	11.8 -	9.8 8.3	3.9 -	5.9 12.5	-	-	-	-	11.8 8.3

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Computer storage device									
manufacturing Computer terminal manufacturing	334112 334113	70 30	_ _	- -	_ _	_ _		28.6 -	
Other computer peripheral equipment manufacturing	334119	180	22.2	11.1	_	_	_	11.1	_
Communications equipment manufacturing	3342	690	20.3	8.7	8.7	2.9	2.9	15.9	4.3
Telephone apparatus manufacturing Radio and television broadcasting and	33421	170	_	_	_	_	_	_	_
wireless communications equipment manufacturing	33422	390	23.1	10.3	7.7	_	_	23.1	5.1
Other communications equipment									
manufacturing Audio and video equipment manufacturing	33429 3343	140 200	35.7 15.0	-	14.3 _		_	14.3 25.0	
Semiconductor and other electronic component manufacturing	3344	2,570	29.2	11.7	6.6	7.0	2.3	13.2	1.9
Semiconductor and other electronic	33441	2,570	29.2	11.7	6.6	7.0	2.3	13.2	1.9
component manufacturing Electron tube manufacturing Bare printed circuit board	334411	2,570	46.2	23.1	0.0 -	- 7.0	-	-	-
manufacturing Semiconductor and related device	334412	290	34.5	13.8	6.9	13.8	-	6.9	-
manufacturing	334413	730	16.4	6.8	5.5	4.1	2.7	17.8	_
Electronic capacitor manufacturing	334414	100	40.0	_	_	-	_	_	_
Electronic resistor manufacturing Electronic coil, transformer, and other	334415	60	-	-	-	-	-	-	-
inductor manufacturing	334416	240	41.7	-	16.7	-	-	-	-
Electronic connector manufacturing Printed circuit assembly (electronic	334417	180	27.8	16.7	_	11.1	-	22.2	_
assembly) manufacturing	334418	320	37.5	18.8	6.2	9.4	6.2	15.6	-
manufacturing Navigational, measuring, electromedical,	334419	520	28.8	13.5	5.8	5.8	-	11.5	3.8
and control instruments manufacturing Navigational, measuring, electromedical,	3345	2,020	28.2	12.9	6.4	5.9	3.0	12.9	1.0
and control instruments manufacturing Electromedical and electrotherapeutic	33451	2,020	28.2	12.9	6.4	5.9	3.0	12.9	1.0
apparatus manufacturing Search, detection, navigation, guidance, aeronautical, and nautical	334510	240	25.0	12.5	-	-	-	12.5	_
system and instrument manufacturing Automatic environmental control manufacturing for residential,	334511	520	17.3	5.8	5.8	3.8	3.8	19.2	_
commercial, and appliance use	334512	220	54.5	22.7	9.1	22.7	-	9.1	_

				Percent of	industry ca	ase total in	ivolving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Computer storage device										
manufacturing	28.6	_	_	_	_	_	_	_	_	_
Computer terminal manufacturing		_	_	_	_	_	_	_	_	_
Other computer peripheral equipment										
manufacturing	27.8	16.7	11.1	_	_	_	_	_	_	11.1
Communications equipment manufacturing	26.1	8.7	10.1	8.7	_	_	_	_	_	8.7
Telephone apparatus manufacturing Radio and television broadcasting and	47.1	11.8	23.5	-	-	-	_	_	-	_
wireless communications equipment manufacturing Other communications equipment	20.5	7.7	7.7	10.3	-	-	-	-	-	7.7
manufacturing	14.3	_	_	_	_	_	_	_	_	21.4
Audio and video equipment manufacturing	25.0	10.0	15.0	-	-	-	-	-	-	10.0
Semiconductor and other electronic component manufacturing Semiconductor and other electronic	17.5	9.7	11.3	10.9	0.8	-	-	-	-	12.5
component manufacturing	17.5	9.7	11.3	10.9	.8					12.5
Electron tube manufacturing Bare printed circuit board	15.4	9.7	15.4	-	.0	_	_	_	_	-
manufacturing Semiconductor and related device	17.2	13.8	6.9	20.7	-	-	_	_	-	6.9
manufacturing	21.9	13.7	15.1	6.8	2.7	_	-	_	- 1	16.4
Electronic capacitor manufacturing	20.0	20.0	-	- 1	- 1	-	-	-	- 1	-
Electronic resistor manufacturing Electronic coil, transformer, and other	-	-	33.3	-	-	-	-	-	-	-
inductor manufacturing	-	-	-	33.3	-	-	-	-	-	16.7
Electronic connector manufacturing Printed circuit assembly (electronic	22.2	-	-	-	-	-	-	-	-	-
assembly) manufacturing Other electronic component	12.5	6.2	9.4	-	-	-	-	-	-	9.4
manufacturing Navigational, measuring, electromedical,	17.3	7.7	13.5	11.5	-	-	-	-	-	13.5
and control instruments manufacturing Navigational, measuring, electromedical,	18.3	10.9	17.3	5.9	2.0	-	-	_	-	11.4
and control instruments manufacturing Electromedical and electrotherapeutic	18.3	10.9	17.3	5.9	2.0	-	-	-	-	11.4
apparatus manufacturing Search, detection, navigation, guidance, aeronautical, and nautical	29.2	8.3	12.5	-	-	-	-	-	-	16.7
system and instrument manufacturing Automatic environmental control	17.3	13.5	21.2	5.8	-	-	_	_	_	11.5
manufacturing for residential, commercial, and appliance use	13.6	-	9.1	9.1	-	-	-	-	-	-

Industry ³ NAICS Total code ⁴ cases Total Total Total Total Struck by object Struck code ⁴ cases Total Total Struck by object Struck com- com- com- com- com- level level level com- level level com- level com- level com- level com- level com- level com- level com- level com- level com- c	Slips or trips vithout fall
Industry ³ NAICS Total code ⁴ cases Total Total Total Total Struck by object Struck code ⁴ cases Total Total Struck by object Struck com- com- com- com- com- com- level level level com- level level level com- level le	or trips vithout
manufacturing for measuring,	
displaying, and controlling industrial process variables	-
device manufacturing 334514 80 25.0 – – – – – – – – – Instrument manufacturing for	-
measuring and testing electricity and electrical signals	-
manufacturing 334516 160 25.0 18.8 – – – 18.8 – Irradiation apparatus manufacturing 334517 80 25.0 –	_
Watch, clock, and part manufacturing3345183066.7Other measuring and controlling device manufacturing33451917052.911.835.3	_
Manufacturing and reproducing magnetic 3346 220 31.8 13.6 9.1 9.1 – 18.2 - Manufacturing and reproducing 3346 220 31.8 13.6 9.1 9.1 – 18.2 -	_
magnetic and optical media3346122031.813.69.19.1-18.2Software reproducing3346115060.0Prerecorded compact disc (except software), tape, and recordand record	_
reproducing	-
component manufacturing 335 4,410 33.6 11.6 8.8 10.4 2.5 9.1	1.6
Electric lighting equipment manufacturing 3351 590 39.0 11.9 10.2 - 11.9 Electric lamp bulb and part 0000 1000 1000 10.2 - 11.9	-
manufacturing	_
Residential electric lighting fixture	
manufacturing	-
manufacturing	-
manufacturing	-
Household appliance manufacturing 3352 650 30.8 9.2 9.2 10.8 3.1 10.8 -	-
Small electrical appliance manufacturing 33521 190 31.6 - 10.5 15.8 - 10.5 Electric housewares and household 190 31.6 - 10.5 15.8 - 10.5 15.8 - 10.5 15.8 - 10.5	-
fan manufacturing 335211 120 33.3 - - 16.7 - <	-
manufacturing 335212 70 28.6 -	_

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Instruments and related products manufacturing for measuring, displaying, and controlling industrial										
process variables	18.8	15.6	9.4	9.4	-	-	-	-	-	18.8
Totalizing fluid meter and counting device manufacturing Instrument manufacturing for measuring and testing electricity and	37.5	25.0	25.0	-	-	-	_	-	-	_
electrical signals Analytical laboratory instrument	10.0	-	45.0	-	-	-	-	-	-	10.0
manufacturing	25.0	-	18.8	-	-	-	-	-	-	12.5
Irradiation apparatus manufacturing	25.0	-	-	-	-	-	-	-	-	-
Watch, clock, and part manufacturing Other measuring and controlling	-	-	-	-	-	-	-	-	-	-
device manufacturing Manufacturing and reproducing magnetic	11.8	-	-	-	-	-	-	-	-	-
and optical media Manufacturing and reproducing	22.7	13.6	-	-	-	-	-	-	-	13.6
Manufacturing magnetic and optical media Software reproducing Prerecorded compact disc (except software), tape, and record	22.7 _	13.6 _	-	-		_ _	- -		-	13.6 _
reproducing Electrical equipment, appliance, and	28.6	14.3	-	-	-	-	-	-	-	14.3
component manufacturing	22.2	12.0	10.9	4.8	1.4	0.5	_	_	_	13.2
Electric lighting equipment manufacturing Electric lamp bulb and part	16.9	10.2	5.1	5.1	-	_	-	-	-	15.3
manufacturing	23.1	15.4	-	-	-	-	-	-	-	15.4
Lighting fixture manufacturing Residential electric lighting fixture	15.2	8.7	6.5	4.3	-	-	-	-	-	17.4
manufacturing Commercial, industrial, and institutional electric lighting fixture	20.0	13.3	-	-	-	-	-	-	-	13.3
manufacturing	13.0	-	-	-	-	-	-	-	-	17.4
manufacturing	25.0	-	_	-	_	-	-	-	-	25.0
Household appliance manufacturing Small electrical appliance manufacturing Electric housewares and household	23.1 21.1	13.8 10.5	15.4 15.8	3.1 -	3.1 -	_	-			9.2 10.5
fan manufacturing Household vacuum cleaner	16.7	-	16.7	-	-	-	-	-	-	_
manufacturing Major appliance manufacturing	28.6 23.9	_ 13.0	_ 13.0	-	- 4.3	_		-	-	_ 10.9

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Household cooking appliance									
Manufacturing Other major household appliance	335221	180	33.3	16.7	-	11.1	-	11.1	-
manufacturing	335228	100	40.0	20.0	_	_	_	_	_
Electrical equipment manufacturing	3353	1.600	35.6	14.4	6.9	10.0	2.5	8.8	1.9
Electrical equipment manufacturing	33531	1,600	35.6	14.4	6.9	10.0	2.5	8.8	1.9
Power, distribution, and specialty		1,000	00.0				2.0	0.0	
transformer manufacturing	335311	540	44.4	22.2	9.3	9.3	3.7	3.7	_
Motor and generator manufacturing	335312	440	36.4	13.6	4.5	13.6	_	11.4	_
Switchgear and switchboard									
apparatus manufacturing	335313	300	40.0	13.3	6.7	13.3	_	_	_
Relay and industrial control	000010	000			0				
Manufacturing Other electrical equipment and component	335314	320	15.6	6.2	-	6.2	-	18.8	-
manufacturing	3359	1,570	31.2	8.9	8.9	10.8	2.5	7.6	1.3
Battery manufacturing	33591	380	15.8	5.3	5.3	7.9	2.5	7.9	1.0
Communication and energy wire and	00001	000	10.0	0.0	0.0	7.5		7.0	
cable manufacturing	33592	240	41.7	8.3	8.3	25.0	_	8.3	_
Fiber optic cable manufacturing	335921	50	-	0.5	0.0	20.0	_	- 0.5	_
Other communication and energy wire	000021	00							
manufacturing	335929	190	47.4	10.5	10.5	26.3	_	_	_
Wiring device manufacturing	33593	710	33.8	9.9	12.7	8.5	2.8	5.6	2.8
Current-carrying wiring device			00.0			0.0	2.0	0.0	
manufacturing	335931	500	32.0	10.0	10.0	8.0	4.0	6.0	_
Noncurrent-carrying wiring device		000	02.0			0.0		0.0	
manufacturing	335932	210	38.1	9.5	19.0	9.5	_	_	_
All other electrical equipment and		-							
component manufacturing	33599	240	33.3	12.5	8.3	12.5	_	8.3	-
Carbon and graphite product									
manufacturing	335991	50	40.0	-	-	-	-	-	-
All other miscellaneous electrical									
equipment and component									
manufacturing	335999	190	31.6	15.8	-	10.5	-	10.5	-
Transportation equipment manufacturing	336	28,070	31.4	13.9	7.4	7.0	3.8	9.1	2.9
Motor vehicle manufacturing	3361	4,200	26.4	11.4	7.1	5.0	2.1	6.0	3.8
Automobile and light duty motor vehicle									
manufacturing	33611	3,170	24.9	9.1	7.3	5.4	1.3	5.7	3.8
Automobile manufacturing	336111	2,130	24.9	8.5	7.5	5.6	1.4	4.7	3.8
Light truck and utility vehicle									
manufacturing	336112	1,040	25.0	10.6	6.7	4.8	1.9	7.7	3.8
Heavy duty truck manufacturing	33612	1,030	32.0	18.4	5.8	3.9	4.9	6.8	3.9
Motor vehicle body and trailer									
manufacturing	3362	4,200	38.1	19.8	7.6	6.7	4.8	9.3	1.9

				Percent of	industry ca	ase total in	volving —			
	Overe	exertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Household cooking appliance										
Modsenoid cooking appliance manufacturing Other major household appliance	27.8	11.1	11.1	-	-	-	-	-	-	-
manufacturing	30.0	_	_	-	_	_	_	-	-	_
Electrical equipment manufacturing	22.5	11.9	10.6	5.0	_	-	-	-	-	10.6
Electrical equipment manufacturing	22.5	11.9	10.6	5.0	_	-	-	-	-	10.6
Power, distribution, and specialty										
transformer manufacturing	20.4	9.3	5.6	9.3	-	-	-	-	-	7.4
Motor and generator manufacturing Switchgear and switchboard	25.0	11.4	11.4	4.5	-	-	-	-	-	9.1
apparatus manufacturing Relay and industrial control	20.0	10.0	13.3	-	-	-	-	-	-	13.3
Other electrical equipment and component	28.1	15.6	15.6	-	-	-	-	-	-	12.5
manufacturing	22.9	12.1	11.5	4.5	1.3	_	_	_	_	16.6
Battery manufacturing Communication and energy wire and	13.2	5.3	7.9	-	-	-	_	-	-	44.7
cable manufacturing	29.2	12.5	_				_	_		
Fiber optic cable manufacturing Other communication and energy wire	-	-	-	-	-	-	-	-	-	-
manufacturing	31.6	15.8	_	_		_	_	_	_	_
Wiring device manufacturing	26.8	15.5	14.1	4.2	-	-	_	-	-	_ 8.5
Current-carrying wiring device manufacturing	28.0	14.0	14.0	6.0	-	-	_	-	-	8.0
Noncurrent-carrying wiring device manufacturing	23.8	19.0	14.3	-	-	_	-	-	-	9.5
All other electrical equipment and component manufacturing	20.8	12.5	16.7	8.3	-	-	_	-	-	8.3
Carbon and graphite product manufacturing	_	_	_	_	_	_	_	_	_	_
All other miscellaneous electrical equipment and component										
manufacturing	21.1	15.8	15.8	-	-	-	-	-	-	10.5
Transportation equipment manufacturing	22.8	10.5	12.8	4.6	1.5	0.2	0.2	0.1	0.1	10.7
Motor vehicle manufacturing	27.6	10.5	17.9	2.4	1.0	-	-	-	-	12.6
Automobile and light duty motor vehicle										10.0
manufacturing	28.1	9.1	20.8	2.2	.6	-	-	-	-	12.0
Automobile manufacturing Light truck and utility vehicle	30.0	9.9	22.1	.9	-	-	_	-	-	11.7
manufacturing	24.0	7.7	18.3	4.8	-	-	-	-	-	12.5
Heavy duty truck manufacturing Motor vehicle body and trailer	26.2	13.6	8.7	1.9	1.9	-	_	-	-	15.5
manufacturing	23.3	12.4	5.7	5.0	1.7	.5	-	-	-	10.2

				Perce	ent of indu	stry case to	otal involvii	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Motor vehicle body and trailer									
manufacturing	33621	4,200	38.1	19.8	7.6	6.7	4.8	9.3	1.9
Motor vehicle body manufacturing	336211	1,540	35.7	17.5	7.8	6.5	3.9	10.4	
Truck trailer manufacturing		1,040	46.6	27.2	5.8	8.7	3.9	6.8	1.9
Motor home manufacturing	336212	500	26.0	12.0	8.0	4.0	8.0	6.0	4.0
Travel trailer and camper	000210	500	20.0	12.0	0.0	4.0	0.0	0.0	4.0
manufacturing	336214	1,130	38.1	18.6	9.7	7.1	5.3	10.6	2.7
Motor vehicle parts manufacturing	3363	9,760	33.0	13.2	6.7	10.5	2.4	9.1	2.4
	3303	9,700	33.0	13.2	0.7	10.5	2.4	9.1	2.4
Motor vehicle gasoline engine and	33631	010	24.4	112	5.5	9.9	2.2	7.7	2.2
engine parts manufacturing	33031	910	34.1	14.3	5.5	9.9	3.3	1.1	3.3
Carburetor, piston, piston ring, and	000044	140	00.0			110	_		
valve manufacturing	336311	140	28.6	-	-	14.3	-	-	-
Gasoline engine and engine parts	000040	770	05.4	45.0				7.0	
manufacturing	336312	770	35.1	15.6	6.5	9.1	3.9	7.8	3.9
Motor vehicle electrical and electronic								40.0	
equipment manufacturing	33632	920	22.8	8.7	4.3	8.7	2.2	13.0	2.2
Vehicular lighting equipment									
manufacturing	336321	260	23.1	7.7	7.7	11.5	-	11.5	-
Other motor vehicle electrical and									
electronic equipment manufacturing	336322	660	22.7	9.1	4.5	7.6	-	12.1	3.0
Motor vehicle steering and suspension									
components (except spring)									
manufacturing	33633	640	32.8	17.2	6.2	7.8	-	14.1	4.7
Motor vehicle brake system									
manufacturing	33634	540	42.6	18.5	5.6	14.8	-	3.7	-
Motor vehicle transmission and power									
train parts manufacturing	33635	1,640	27.4	13.4	4.9	7.3	3.7	9.1	4.3
Motor vehicle seating and interior trim									
manufacturing	33636	910	22.0	8.8	3.3	7.7	2.2	7.7	2.2
Motor vehicle metal stamping	33637	1,860	41.9	12.4	11.3	14.5	2.2	9.7	1.6
Other motor vehicle parts manufacturing	33639	2,340	35.0	14.1	6.4	11.5	2.1	8.1	.9
Motor vehicle air-conditioning									
manufacturing	336391	170	29.4	17.6	-	-	-	23.5	-
All other motor vehicle parts									
manufacturing	336399	2,170	35.5	13.8	6.9	12.4	2.3	6.9	.9
Aerospace product and parts		,							
manufacturing	3364	4,340	26.3	11.1	9.2	4.1	4.6	8.8	3.5
Aerospace product and parts		,			_				
manufacturing	33641	4,340	26.3	11.1	9.2	4.1	4.6	8.8	3.5
Aircraft manufacturing	336411	2,250	24.4	9.3	9.8	4.4	4.9	7.1	4.9
Aircraft engine and engine parts		_,							
manufacturing	336412	740	32.4	13.5	12.2	4.1	2.7	10.8	-
Other aircraft parts and auxiliary									
equipment manufacturing	336413	1,110	27.9	14.4	6.3	3.6	5.4	9.9	1.8
- 1		.,	,						

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Motor vehicle body and trailer										
Motor vehicle body and trailer manufacturing	23.3	12.4	5.7	5.0	1.7	0.5			_	10.2
Motor vehicle body manufacturing	23.3	13.0	4.5	7.1	1.7	- 0.5	_			10.2
Truck trailer manufacturing	24.7	11.7	5.8	4.9			_	_		7.8
	-			4.9	-	-	_	-	-	-
Motor home manufacturing	26.0	14.0	8.0	-	-	_	_	-	-	18.0
Travel trailer and camper	04.0	44.5	74	0.5	10					
manufacturing	21.2	11.5	7.1	3.5	1.8	_	_	-	-	8.8
Motor vehicle parts manufacturing	22.7	11.1	13.5	4.6	2.3	_	0.2	-	0.2	9.8
Motor vehicle gasoline engine and										
engine parts manufacturing	18.7	9.9	17.6	4.4	2.2	-	-	-	-	8.8
Carburetor, piston, piston ring, and										
valve manufacturing	21.4	14.3	14.3	14.3	-	-	-	-	-	-
Gasoline engine and engine parts										
manufacturing	18.2	9.1	16.9	2.6	2.6	-	-	-	-	9.1
Motor vehicle electrical and electronic										
equipment manufacturing	20.7	8.7	23.9	3.3	2.2	-	-	-	-	10.9
Vehicular lighting equipment										
manufacturing	26.9	11.5	19.2	-	-	-	-	-	-	11.5
Other motor vehicle electrical and										
electronic equipment manufacturing	18.2	7.6	25.8	3.0		_	_	_	_	12.1
Motor vehicle steering and suspension										
components (except spring)										
manufacturing	18.8	9.4	12.5	4.7	3.1	_	_	_	_	7.8
Motor vehicle brake system										
manufacturing	25.9	14.8	13.0	3.7	_	_	_	_	_	9.3
Motor vehicle transmission and power	20.0	1	10.0	0.7						0.0
train parts manufacturing	28.0	12.2	10.4	3.0	1.2	_	_	_	_	12.2
Motor vehicle seating and interior trim	20.0	12.2	10.4	0.0	1.2					12.2
manufacturing	28.6	12.1	22.0	4.4	2.2	_	_	_	_	7.7
Motor vehicle metal stamping	17.7	9.1	7.0	5.9	3.2	_	_	_	_	9.7
Other motor vehicle parts manufacturing	23.1	12.4	12.8	5.1	2.6	_	_	_		10.3
	23.1	12.4	12.0	5.1	2.0	_	_	_	_	10.5
Motor vehicle air-conditioning	17.0	_	22 5	_						
manufacturing	17.6	-	23.5	_	-	_	_	-	_	_
All other motor vehicle parts	00 F	40.0	10.0							10.0
manufacturing	23.5	12.9	12.0	5.5	2.3	_	-	-	-	10.6
Aerospace product and parts	<u></u>		40.4			-				
manufacturing	24.4	11.5	18.4	3.0	.9	.5	-	-	-	9.4
Aerospace product and parts	<u> </u>					_				
manufacturing	24.4	11.5	18.4	3.0	.9	.5	-	-	-	9.4
Aircraft manufacturing	22.7	9.8	23.6	1.3	.9	-	-	-	-	9.8
Aircraft engine and engine parts										
manufacturing	32.4	14.9	6.8	2.7	-	-	-	-	-	9.5
Other aircraft parts and auxiliary		1								
equipment manufacturing	21.6	9.9	17.1	6.3	-	-	-	-	-	8.1

				Perce	ent of indu	stry case to	otal involvii	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Guided missile and space vehicle	000444	450	10.0					40.0	
manufacturing Guided missile and space vehicle propulsion unit and propulsion unit	336414	150	13.3	_	_	_	_	13.3	_
parts manufacturing	336415	60	-	-	-	-	-	_	_
equipment manufacturing	336419	30	_	-	_	-	-	_	_
Railroad rolling stock manufacturing	3365	380	42.1	18.4	5.3	13.2	7.9	7.9	-
Ship and boat building	3366	4,460	30.0	14.1	7.6	4.3	7.0	13.2	3.8
Ship and boat building	33661	4,460	30.0	14.1	7.6	4.3	7.0	13.2	3.8
Ship building and repairing	336611	3,180	30.2	14.5	7.5	3.8	6.9	13.2	3.8
Boat building Other transportation equipment	336612	1,280	29.7	12.5	7.8	5.5	7.0	13.3	3.9
Other transportation equipment Other transportation equipment	3369	720	31.9	16.7	4.2	5.6	-	4.2	-
manufacturing Motorcycle, bicycle, and parts	33699	720	31.9	16.7	4.2	5.6	-	4.2	-
manufacturing All other transportation equipment	336991	310	22.6	9.7	-	-	-	-	-
manufacturing	336999	220	36.4	18.2	9.1	-	-	-	-
Furniture and related product manufacturing Household and institutional furniture and	337	9,690	46.3	20.2	10.2	13.6	2.6	6.4	1.0
kitchen cabinet manufacturing Wood kitchen cabinet and countertop	3371	6,570	46.9	21.2	10.0	13.5	3.0	6.4	1.1
manufacturing Household and institutional furniture	33711	3,770	49.3	25.7	10.6	10.3	2.9	3.4	1.1
manufacturing Upholstered household furniture	33712	2,790	43.7	14.7	9.3	17.9	3.2	10.0	1.1
manufacturing Nonupholstered wood household	337121	910	31.9	14.3	7.7	7.7	4.4	11.0	2.2
furniture manufacturing Metal household furniture	337122	1,080	50.0	14.8	12.0	22.2	3.7	11.1	-
manufacturing Household furniture (except wood and	337124	140	42.9	-	_	28.6	-	-	_
metal) manufacturing	337125	140	42.9	21.4	- 74	14.3	-	28.6	-
Institutional furniture manufacturing Office furniture (including fixtures)	337127	420	40.5	19.0	7.1	11.9	-	4.8	-
manufacturing Office furniture (including fixtures)	3372	2,410	48.1	18.7	12.4	14.1	1.7	5.0	.8
manufacturing	33721	2,410	48.1	18.7	12.4	14.1	1.7	5.0	.8
Wood office furniture manufacturing Custom architectural woodwork and	337211	430	32.6	11.6	9.3	11.6	_	_	_
millwork manufacturing	337212	520	63.5	11.5	25.0	19.2	_	_	_

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assault	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Guided missile and space vehicle										
manufacturing	33.3	26.7	13.3	-	-	-	-	_	-	13.3
propulsion unit and propulsion unit parts manufacturing Other guided missile and space vehicle parts and auxiliary	-	-	_	_	-	-	-	_	_	-
equipment manufacturing	-	-	-	-	-	-	-	-	-	-
Railroad rolling stock manufacturing	18.4	5.3	7.9	5.3	-	_	_	_	_	10.5
Ship and boat building Ship and boat building	16.6 16.6	7.6 7.6	8.3 8.3	7.4 7.4	0.4 .4	-	_	_	_	12.6 12.6
Ship building and repairing	15.7	6.6	8.5	7.4	.4	_	_	_	_	12.0
Boat building Other transportation equipment	18.8	10.2	7.8	8.6	_	-	-	_	_	10.2
manufacturing Other transportation equipment	26.4	9.7	12.5	5.6	5.6	-	-	-	-	11.1
Motorcycle, bicycle, and parts	26.4	9.7	12.5	5.6	5.6	-	-	-	-	11.1
manufacturing All other transportation equipment	22.6	9.7	25.8	-	6.5	-	-	_	-	12.9
manufacturing	18.2	9.1	9.1	9.1	-	-	-	-	-	9.1
Furniture and related product manufacturing Household and institutional furniture and	25.5	16.7	5.7	2.0	2.6	-	0.2	_	-	7.6
kitchen cabinet manufacturing Wood kitchen cabinet and countertop	25.4	16.6	5.3	1.8	2.3	-	.3	-	-	7.6
manufacturing Household and institutional furniture	28.1	19.6	4.0	1.9	2.4	-	.5	_	-	6.9
manufacturing Upholstered household furniture	21.9	12.5	7.2	2.2	2.2	-	-	_	-	8.6
manufacturing Nonupholstered wood household	24.2	14.3	14.3	-	2.2	-	-	_	-	11.0
furniture manufacturing Metal household furniture	19.4	10.2	3.7	-	3.7	-	-	_	-	7.4
manufacturing Household furniture (except wood and	28.6	28.6	-	-	-	-	-	-	-	-
metal) manufacturing Institutional furniture manufacturing	21.4 26.2	_ 14.3	_ 4.8	- 7.1		_	-			_ 9.5
Office furniture (including fixtures) manufacturing	23.7	14.5	6.6	2.5	3.3	-	-	_	_	7.9
Office furniture (including fixtures)	00.7	445								7.0
manufacturing Wood office furniture manufacturing	23.7 34.9	14.5 27.9	6.6 11.6	2.5	3.3 -	_	_	-	-	7.9 9.3
Custom architectural woodwork and millwork manufacturing	19.2	15.4	_	-	7.7	-	-	_	-	_

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Office furniture (except wood)									
manufacturing Showcase, partition, shelving, and	337214	240	45.8	16.7	8.3	16.7	-	8.3	-
locker manufacturing Other furniture related product	337215	1,220	47.5	24.6	8.2	12.3	1.6	7.4	-
manufacturing	3379	710	35.2	16.9	4.2	12.7	2.8	11.3	-
Mattress manufacturing	33791	510	35.3	19.6	-	11.8	_	13.7	-
Blind and shade manufacturing	33792	210	38.1	9.5	9.5	14.3	_	_	_
Miscellaneous manufacturing Medical equipment and supplies	339	6,120	33.3	15.4	7.4	7.8	3.6	9.6	1.8
manufacturing Medical equipment and supplies	3391	2,220	32.9	14.4	7.2	9.0	1.8	8.6	3.2
manufacturing Laboratory apparatus and furniture	33911	2,220	32.9	14.4	7.2	9.0	1.8	8.6	3.2
manufacturing Surgical and medical instrument	339111	110	27.3	-	-	-	-	-	-
manufacturing Surgical appliance and supplies	339112	750	26.7	8.0	12.0	5.3	-	12.0	2.7
manufacturing Dental equipment and supplies	339113	760	35.5	14.5	7.9	9.2	-	7.9	5.3
manufacturing	339114	110	27.3	-	-	-	-	-	-
Ophthalmic goods manufacturing	339115	250	28.0	-	-	20.0	-	-	-
Dental laboratories	339116	240	58.3	50.0	-	-	-	-	-
Other miscellaneous manufacturing	3399	3,900	33.3	15.9	7.4	7.4	4.9	10.3	1.3
Jewelry and silverware manufacturing Jewelry (except costume)	33991	310	22.6	16.1	-	-	-	12.9	-
manufacturing Silverware and hollowware	339911	190	31.6	21.1	-	-	-	15.8	-
manufacturing Jewelers' material and lapidary work	339912	20	-	-	-	-	-	-	-
manufacturing Costume jewelry and novelty	339913	40	-	-	-	-	-	-	-
manufacturing Sporting and athletic goods	339914	60	-	-	-	-	_	-	-
manufacturing	33992	690	21.7	7.2	4.3	8.7	4.3	8.7	-
Doll, toy, and game manufacturing Office supplies (except paper)	33993	130	15.4	-	-	-	-	15.4	-
manufacturing Pen and mechanical pencil	33994	270	25.9	14.8	7.4	-	-	7.4	-
manufacturing Lead pencil and art good	339941	60	-	-	-	-	_	-	-
manufacturing	339942	70	-		-	-	-	-	-
Marking device manufacturing	339943	80	50.0	-	-	-	-	-	-

			Percent of industry case total involving —								
	Overe	exertion		Expo-			Assaul	ts and viol	ent acts		
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵	
Office furniture (except wood)											
manufacturing Showcase, partition, shelving, and	16.7	-	12.5	-	-	-	-	-	-	12.5	
locker manufacturing Other furniture related product	22.1	12.3	6.6	4.1	2.5	-	-	_	-	8.2	
manufacturing	32.4	25.4	4.2	_	2.8	_	_	_	- 1	8.5	
Mattress manufacturing		25.5	3.9	_	3.9	_	_	_	- 1	7.8	
Blind and shade manufacturing	28.6	23.8	9.5	_		_	_	_	-	9.5	
Miscellaneous manufacturing Medical equipment and supplies		14.1	12.3	3.8	1.5	-	0.5	-	0.5	9.6	
manufacturing Medical equipment and supplies	23.4	15.3	16.2	4.1	1.8	-	-	-	-	7.7	
manufacturing Laboratory apparatus and furniture	23.4	15.3	16.2	4.1	1.8	-	-	-	-	7.7	
manufacturing Surgical and medical instrument	27.3	18.2	18.2	-	-	-	-	-	-	-	
manufacturing Surgical appliance and supplies	25.3	17.3	16.0	4.0	2.7	-	-	-	-	6.7	
manufacturing Dental equipment and supplies	23.7	11.8	17.1	3.9	-	-	-	-	-	5.3	
manufacturing	18.2	-	18.2	-	-	_	-	_	-	27.3	
Ophthalmic goods manufacturing Dental laboratories		32.0	20.0	-	-	_	-	-	-	-	
Other miscellaneous manufacturing	24.1	13.3	10.0	3.6	1.3	_	.8	_	.8	10.8	
Jewelry and silverware manufacturing Jewelry (except costume)	19.4	12.9	29.0	-	-	-	-	-	-	6.5	
manufacturing Silverware and hollowware	10.5	10.5	21.1	-	-	-	-	-	-	10.5	
manufacturing Jewelers' material and lapidary work	-	-	_	-	-	-	-	-	-	-	
manufacturing Costume jewelry and novelty	-	-	50.0	-	-	-	-	-	-	-	
manufacturing Sporting and athletic goods	50.0	33.3	_	-	-	-	-	-	-	-	
manufacturing	31.9	14.5	10.1	-	_	-	-	-	-	20.3	
Doll, toy, and game manufacturing Office supplies (except paper)	15.4	15.4	15.4	-	-	-	-	-	-	-	
manufacturing Pen and mechanical pencil	22.2	14.8	11.1	7.4	-	-	-	-	-	11.1	
manufacturing Lead pencil and art good	33.3	-	_	-	-	-	-	-	-	_	
manufacturing	28.6	-	28.6	-	-	-	-	-	-	-	
Marking device manufacturing	_		-		-	-	-	-	-	-	

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Carbon paper and inked ribbon manufacturing Sign manufacturing All other miscellaneous manufacturing Gasket, packing, and sealing device	339944 33995 33999	50 1,060 1,450	_ 44.3 34.5	_ 21.7 17.2	_ 12.3 6.2	- 4.7 10.3	_ 7.5 4.1	_ 9.4 10.3	- - 1.4
manufacturing Musical instrument manufacturing	339991 339992	360 200	30.6 50.0	8.3 30.0		16.7 10.0		11.1 _	
Fastener, button, needle, and pin manufacturing Broom, brush, and mop	339993	70	57.1	42.9	-	-	-	-	-
manufacturing Burial casket manufacturing All other miscellaneous manufacturing	339994 339995 339999	100 80 650	50.0 - 30.8	- - 16.9	- - 6.2	20.0 - 6.2	- - 3.1	30.0 _ 10.8	_ _ _
Service providing		803,060	23.8	12.1	6.7	3.3	5.8	14.8	3.2
Trade, transportation, and utilities ⁹		354,510	26.4	13.5	6.9	4.1	6.4	11.6	2.8
Wholesale trade	42	75,700	29.0	14.9	6.6	5.6	6.1	8.7	3.1
Merchant wholesalers, durable goods Motor vehicle and motor vehicle parts and	423	34,860	35.3	20.4	6.7	5.3	6.9	7.0	3.5
supplies merchant wholesalers Furniture and home furnishing merchant	4231	4,790	34.2	25.3	5.0	1.7	5.6	5.8	2.5
wholesalers Lumber and other construction materials	4232	1,440	35.4	12.5	2.8	13.9	2.8	7.6	_
merchant wholesalers Professional and commercial equipment	4233	5,280	38.8	17.4	15.2	2.8	8.3	10.2	2.8
and supplies merchant wholesalers Metal and mineral (except petroleum)	4234	3,930	24.4	14.8	3.3	2.5	5.3	5.6	3.3
merchant wholesalers Electrical goods merchant wholesalers Hardware, and plumbing and heating equipment and supplies merchant	4235 4236	2,150 2,210	54.0 26.2	26.5 9.5	7.4 4.1	17.7 11.8	2.8 12.2	8.8 10.0	1.4 2.7
wholesalers	4237	3,140	24.5	12.4	5.1	5.4	15.9	6.4	7.3
Miscellaneous durable goods merchant	4238	9,250	35.9	22.3	6.4	4.0	5.9	5.9	5.3
wholesalers Merchant wholesalers, nondurable goods Paper and paper product merchant	4239 424	2,660 37,340	48.9 23.9	37.2 10.0	5.3 6.3	6.0 6.2	3.0 5.5	5.6 10.5	.8 2.6
wholesalers Drugs and druggists' sundries merchant	4241	2,410	26.6	6.6	11.6	7.5	7.9	6.2	.8
wholesalers	4242	1,840	17.9	7.6	6.0	2.7	1.6	20.7	2.2

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Carbon paper and inked ribbon manufacturing Sign manufacturing All other miscellaneous manufacturing	_ 27.4 20.7	_ 15.1 11.0	- 1.9 11.0	- 1.9 4.8	- - 2.1	- - -	- - -			- 4.7 11.7
Gasket, packing, and sealing device manufacturing Musical instrument manufacturing Extracts button pacedie and eige	22.2 20.0	8.3 15.0	11.1 15.0	5.6 _		-				13.9 _
Fastener, button, needle, and pin manufacturing Broom, brush, and mop	-	-	-	-	-	-	-	-	-	-
manufacturing Burial casket manufacturing All other miscellaneous manufacturing	_ _ 21.5	- - 12.3	- - 10.8	- - 4.6	- - 3.1	- - -	- - -	- - -	- - -	- 25.0 12.3
Service providing	26.1	13.8	2.6	4.9	5.5	0.1	2.6	1.9	0.6	10.7
Trade, transportation, and utilities ⁹	28.2	16.0	2.5	2.9	6.8	.1	.9	.5	.4	11.4
Wholesale trade	26.3	15.3	3.0	3.5	7.1	.1	.6	.3	.3	12.5
Merchant wholesalers, durable goods Motor vehicle and motor vehicle parts and	22.5	12.5	3.3	4.0	7.0	.1	.2	.1	.1	10.1
supplies merchant wholesalers Furniture and home furnishing merchant	21.1	11.5	3.1	7.7	2.7	-	-	-	-	17.1
wholesalers Lumber and other construction materials	22.2	15.3	7.6	2.8	18.1	-	-	-	-	4.2
merchant wholesalers Professional and commercial equipment	23.3	11.0	.8	-	4.5	-	.4	-	-	10.6
and supplies merchant wholesalers Metal and mineral (except petroleum)	30.8	18.8	8.1	4.3	10.9	-	-	-	-	7.1
merchant wholesalers Electrical goods merchant wholesalers Hardware, and plumbing and heating	18.1 31.7	5.1 24.9	4.2 5.0	2.3	1.4 5.4	-	-	-	-	7.4 6.3
equipment and supplies merchant wholesalers Machinery, equipment, and supplies	20.1	8.6	1.3	-	12.4	-	-	-	-	11.5
merchant wholesalers Miscellaneous durable goods merchant	19.9	11.6	2.1	6.5	7.9	-	.3	-	-	10.1
wholesalers Merchant wholesalers, nondurable goods Paper and paper product merchant	19.9 30.1	10.5 18.1	4.5 2.7	4.9 3.1	3.8 6.7	_ .2	_ .9	4	5	9.0 13.8
wholesalers Drugs and druggists' sundries merchant	28.6	20.3	7.1	2.9	4.1	-	-	-	-	15.8
wholesalers	22.3	13.6	4.3	1.1	15.8	_	_	-	-	13.0

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Apparel, piece goods, and notions merchant wholesalers Grocery and related product merchant	4243	1,160	19.8	8.6	8.6	_	6.0	11.2	_
wholesalers	4244	15,950	24.8	9.8	7.0	6.6	5.6	8.7	2.8
Farm product raw material merchant wholesalers	4245	1,220	13.9	9.8	-	2.5	12.3	12.3	4.9
Chemical and allied products merchant wholesalers	4246	1,740	31.6	17.2	8.0	6.3	6.9	13.8	2.3
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	4,330	22.4	11.5	5.1	4.2	3.5	8.3	3.2
Miscellaneous nondurable goods merchant wholesalers	4249	6,120	29.1	11.6	4.4	10.9	4.7	11.8	3.1
Wholesale electronic markets and agents and brokers	425	3,510	21.7	12.8	6.6	1.4	4.6	6.8	3.1
Retail trade	44-45	162,800	28.9	15.2	7.8	3.7	5.3	13.9	2.6
Motor vehicle and parts dealers Automobile dealers New car dealers Used car dealers Other motor vehicle dealers Recreational vehicle dealers	441 4411 44111 44112 4412 44121	23,000 13,320 12,690 640 2,540 560	33.0 32.2 32.4 28.1 37.4 28.6	15.5 15.2 15.1 17.2 15.4 14.3	8.3 9.3 9.5 4.7 8.3 10.7	4.1 2.6 2.6 - 3.9 3.6	4.7 5.0 5.2 - 11.4 14.3	11.1 15.0 15.5 4.7 7.5 14.3	3.3 5.0 5.3 – –
Automotive parts, accessories, and tire stores Automotive parts and accessories stores Tire dealers Furniture and home furnishings stores Furniture stores Home furnishings stores Floor covering stores Other home furnishings stores Electronics and appliance stores Appliance, television, and other	4413 44131 44132 442 4421 4422 44221 44229 443 4431	7,140 3,530 3,610 8,130 4,130 4,000 970 3,030 2,790 2,790	32.8 32.9 32.7 28.0 24.2 32.0 20.6 35.6 24.4 24.4	16.1 18.4 13.9 20.0 16.7 23.5 12.4 27.1 16.5 16.5	6.4 6.8 6.1 4.2 3.4 5.0 5.2 5.0 5.4 5.4	7.0 4.8 9.1 2.1 1.9 2.2 3.1 2.0 1.8 1.8	1.7 2.5 - 7.4 8.2 6.5 8.2 5.9 7.9 7.9	5.2 4.8 5.3 8.9 11.9 5.8 12.4 3.6 9.7 9.7	1.4 2.0 - 1.0 1.5 - - 1.8 1.8
electronics stores Computer and software stores Building material and garden equipment and supplies dealers	44311 44312 444	2,490 300 24,020	24.5 26.7 30.6	16.1 20.0 17.1	5.6 - 7.9	1.6 - 3.2	8.0 6.7 6.0	8.8 13.3 8.6	1.6 - 2.2
Building material and supplies dealers Home centers Paint and wallpaper stores Other building material dealers	4441 44411 44412 44419	22,280 13,520 380 6,830	31.0 31.9 18.4 30.7	17.0 15.5 15.8 19.5	8.0 9.5 - 6.4	3.3 3.6 - 2.6	5.7 4.8 – 8.1	8.1 9.1 - 6.1	2.3 1.0 - 4.7

	Percent of industry case total involving —									
	Overe	xertion		Expo-			Assault	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Apparel, piece goods, and notions merchant wholesalers Grocery and related product merchant	43.1	27.6	4.3	-	-	_	-	_	_	11.2
wholesalers	34.5	19.4	2.6	1.6	7.8	-	0.3	0.2	0.1	11.2
wholesalers	18.9	8.2	4.1	-	-	-	4.9	-	4.9	28.7
wholesalers	8.0	2.3	5.2	6.9	-	-	-	-	-	24.1
beverage merchant wholesalers	39.7	22.6	1.6	-	6.2	-	-	-	-	14.3
wholesalers	23.9	17.0	1.3	5.4	4.9	-	2.9	1.5	1.5	12.9
Wholesale electronic markets and agents and brokers	23.1	13.7	1.7	2.3	13.4	-	1.4	1.1	-	21.7
Retail trade	29.1	18.3	2.7	2.8	3.6	0.2	.9	.6	.4	10.0
Motor vehicle and parts dealers	24.2	14.0	1.8	4.6	8.0	.9	.3	.3	-	8.0
Automobile dealers New car dealers	19.7 19.3	11.3 11.5	1.8 1.8	5.3 5.0	7.8 7.3	.5 .6	.5 .6	.5 .6	-	7.1 7.0
Used car dealers Other motor vehicle dealers Recreational vehicle dealers	26.6 17.7 23.2	7.8 6.7 12.5	- - -	9.4 4.7 -	17.2 11.0 8.9	_ 3.5 _	- - -	- - -	- - -	7.8 5.9 –
Automotive parts, accessories, and tire stores	34.9	21.4	2.2	3.4	7.3	.7	_	_	_	10.4
Automotive parts and accessories stores Tire dealers	23.8 45.7	13.3 29.4	1.4 3.3	.8 5.8	12.7 1.9	_			-	18.1 2.5
Furniture and home furnishings stores Furniture stores Home furnishings stores	35.1 34.4 35.8	19.2 19.1 19.2	.7 1.0 .5	.6 .7 .5	5.2 6.3 3.8			_ _ _	_ _ _	13.0 11.6 14.5
Floor covering stores Other home furnishings stores Electronics and appliance stores	41.2 34.0 28.0	17.5 19.8 18.3	- - 1.4	7	13.4 .7 3.9		- - .7	_ _ _	- - -	3.1 18.5 22.2
Electronics and appliance stores Appliance, television, and other	28.0	18.3	1.4	-	3.9	-	.7	_	-	22.2
electronics stores Computer and software stores Building material and garden equipment and	29.3 16.7	18.9 13.3	1.6 -		2.4 16.7	_	-			23.3 13.3
Supplies dealers Building material and supplies dealers Home centers	34.1 35.7 38.5	22.9 24.1 26.8	1.0 1.0 1.1	1.5 1.3 1.3	4.7 4.1 3.6	.1 .1 _	.4 .4 .5	.2 .2 .4	.2 .2 .2	10.8 10.1 8.1
Paint and wallpaper stores Other building material dealers	28.9 31.3	28.9 19.3	7	1.5	_ 5.1	_ .4	-	_ _	-	42.1 11.1

				Perce	ent of indu	stry case to	otal involvii	ng —	
				Contact w	ith objects	i			
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Lawn and garden equipment and supplies									
stores	4442	1,740	25.3	17.8	5.7	1.7	9.8	14.9	1.1
Outdoor power equipment stores	44421	270	_	_	_	_	_	48.1	_
Nursery and garden centers	44422	1,480	28.4	20.3	6.8	2.0	11.5	8.8	1.4
Food and beverage stores	445	35,710	31.3	14.7	9.0	5.9	2.0	15.2	2.4
Grocery stores	4451	31,980	31.7	14.6	9.2	6.1	1.8	15.7	2.5
Supermarkets and other grocery (except									
convenience) stores	44511	31,280	31.6	14.5	9.3	5.9	1.8	15.6	2.5
Convenience stores	44512	700	37.1	17.1	4.3	14.3	-	21.4	-
Specialty food stores	4452	2,260	34.5	19.9	8.0	6.2	5.3	12.8	1.8
Meat markets	44521	240	50.0	29.2	12.5	-	-	25.0	-
Fish and seafood markets	44522	60	66.7	66.7	-	-	-	-	-
Fruit and vegetable markets	44523	600	31.7	15.0	11.7	5.0	10.0	13.3	-
Other specialty food stores	44529	1,370	31.4	18.2	5.8	6.6	4.4	10.2	1.5
Health and personal care stores	446	4,170	19.4	12.2	4.3	1.9	10.1	16.3	1.2
Health and personal care stores	4461	4,170	19.4	12.2	4.3	1.9	10.1	16.3	1.2
Pharmacies and drug stores Cosmetics, beauty supplies, and	44611	3,240	21.3	13.0	5.2	2.2	9.0	19.1	1.2
perfume stores	44612	210	28.6	28.6	-	-	-	-	-
Optical goods stores	44613	50	-	-	-	-	-	-	-
Other health and personal care stores	44619	660	-	-	-	-	18.2	-	-
Gasoline stations	447	5,960	20.8	4.2	14.1	2.2	2.7	23.3	3.0
Gasoline stations	4471	5,960	20.8	4.2	14.1	2.2	2.7	23.3	3.0
Gasoline stations with convenience									
stores	44711	5,130	22.4	3.5	16.2	2.3	2.5	21.6	1.9
Other gasoline stations	44719	840	10.7	8.3	-	-	3.6	34.5	10.7
Clothing and clothing accessories stores	448	6,950	28.3	12.2	10.6	4.0	13.8	13.7	6.5
Clothing stores	4481	5,220	25.1	14.9	3.1	5.2	8.2	17.4	8.6
Men's clothing stores	44811	290	41.4	-	-	-	- 7.0	-	-
Family clothing stores	44814	2,630	23.2	12.5	5.7	1.1	7.6	19.8	3.0
Other clothing stores	44819	360	83.3		500	66.7	_		
Jewelry, luggage, and leather goods stores Sporting goods, hobby, book, and music	4483	460	54.3	-	52.2	_	-	-	_
stores	451	2,780	24.5	12.2	8.6	1.8	5.8	16.5	1.8
Sporting goods, hobby, and musical	451	2,700	24.5	12.2	0.0	1.0	5.0	10.5	1.0
instrument stores	4511	2,100	27.6	12.9	11.0	1.9	7.1	17.1	2.4
Sporting goods stores	45111	620	25.8	12.5	3.2	- 1.5	-	9.7	
Hobby, toy, and game stores	45112	1,200	31.7	9.2	18.3	3.3	10.8	13.3	_
Sewing, needlework, and piece goods		1,200		0.2		0.0			
stores	45113	200	_	_	-	_	_	_	_
Musical instrument and supplies stores	45114	80	37.5	37.5	-	-	_	-	-
Book, periodical, and music stores	4512	680	14.7	10.3	-	-	-	16.2	-
Book stores and news dealers	45121	630	15.9	11.1	-	-	-	15.9	_

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Lawn and garden equipment and supplies										
stores	13.2	8.0	_	4.0	12.1	_	_	_	_	19.0
Outdoor power equipment stores	_		_	_		_	_	_	_	29.6
Nursery and garden centers	12.8	6.8	_	4.7	13.5	_	_	_	_	16.9
Food and beverage stores	27.8	18.6	5.6	3.0	1.7	_	1.0	0.8	0.2	10.0
Grocery stores	28.2	19.1	6.0	3.2	1.2	_	1.1	.9	.2	8.7
Supermarkets and other grocery (except	20.2	10.1	0.0	0.2	1.2				.2	0.7
convenience) stores	28.7	19.5	6.0	3.1	1.2	_	.7	.5	.2	8.8
Convenience stores	5.7	4.3	4.3	7.1		_	15.7	15.7		7.1
Specialty food stores	20.4	12.4	2.7	2.2	6.2	_		-	_	13.3
Meat markets	12.5	12.5				_	_	_	_	
Fish and seafood markets	-	12.5	_	_		_	_	_	_	
Fruit and vegetable markets	15.0	11.7	_	_	8.3	_	_	_	_	15.0
Other specialty food stores	24.8	13.1	3.6	2.9	6.6	_	_	_		14.6
Health and personal care stores	35.3	24.9	6.2	1.0	4.1	_	.7			6.0
Health and personal care stores	35.3	24.9	6.2	1.0	4.1	_	.7	_		6.0
Pharmacies and drug stores	30.2	24.3	7.4	-	3.1	_		_	_	6.8
Cosmetics, beauty supplies, and				_	••••		_	_	_	0.0
perfume stores	33.3	28.6	-	-	28.6	-	-	-	-	-
Optical goods stores	-	-	-	-	-	-	-	-	-	-
Other health and personal care stores	62.1	40.9	-	-	-	-	-	-	-	-
Gasoline stations	34.7	19.3	1.0	5.5	2.9	-	2.7	2.5	-	3.2
Gasoline stations	34.7	19.3	1.0	5.5	2.9	-	2.7	2.5	-	3.2
Gasoline stations with convenience										
stores	34.5	17.5	1.2	6.2	3.1	-	3.1	2.9	-	3.5
Other gasoline stations	35.7	29.8	-	- 1	-	-	-	-	-	-
Clothing and clothing accessories stores	21.6	18.7	2.4	2.4	1.2	-	.4	.4	-	9.8
Clothing stores	21.8	19.0	2.3	3.1	-	-	.6	.6	-	12.6
Men's clothing stores	20.7	-	-	-	-	-	-	-	-	-
Family clothing stores	22.8	18.6	3.0	4.2	-	-	1.1	1.1	-	15.2
Other clothing stores	-	-	-	-	-	-	-	-	-	-
Jewelry, luggage, and leather goods stores	_	-	-	-	-	-	-	-	-	-
Sporting goods, hobby, book, and music										
stores	30.6	19.1	2.9	1.8	2.2	-	-	-	-	14.0
Sporting goods, hobby, and musical		1								
instrument stores	26.7	14.3	2.9	2.4	2.4	-	-	-	-	11.9
Sporting goods stores	38.7	29.0	-	-	-	-	-	-	-	19.4
Hobby, toy, and game stores	20.8	8.3	4.2	4.2	3.3	-	-	-	-	10.0
Sewing, needlework, and piece goods stores	_	_	_	_	_	_	_	_	_	_
Musical instrument and supplies stores	37.5	_	_	_	_	_	_	_	_	_
Book, periodical, and music stores	42.6	33.8	_			_	_	_		20.6
Book stores and news dealers	44.4	36.5	_	_	_	_	_	_	_	17.5
		00.0								

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Prerecorded tape, compact disc, and record stores		50 36,660 18,560	_ 29.2 29.8	- 17.7 18.7	- 6.7 7.1	- 3.3 2.6	- 4.6 5.2	- 16.5 18.0	- 2.7 3.1
Other general merchandise stores	4529	18,110 14,230	28.7 29.4	16.7 16.9	6.4 6.6	3.9 4.3	4.0 3.2	14.9 15.5	2.2
All other general merchandise stores Miscellaneous store retailers	45299	3,880 7,660 590	26.0 19.1 16.9	16.0 9.7 15.3	5.7 3.9	2.3 2.9	6.7 11.2	12.4 18.9 55.9	1.5 1.3
Florists Office supplies, stationery, and gift stores Office supplies and stationery stores	4532 45321	2,190 1,220	21.5 18.0	11.4 9.8	- 5.0 4.9	- 3.2 2.5	- 6.4 6.6	13.2 19.7	- - -
Gift, novelty, and souvenir stores Used merchandise stores Other miscellaneous store retailers	4539	970 1,610 3,270	25.8 9.3 22.6	12.4 6.2 9.2	5.2 - 5.2	5.2 - 4.3	6.2 26.7 9.2	5.2 28.6 11.0	_ 3.7 1.2
Manufactured (mobile) home dealers Nonstore retailers Electronic shopping and mail-order houses	45393 454 4541	670 4,960 1,700	34.3 23.4 23.5	32.8 11.9 13.5	– 7.5 5.3	 2.6 3.5	32.8 4.6 3.5	– 13.1 14.7	_ 3.8 1.8
Electronic shopping and mail-order houses Electronic shopping	454111	1,700 230	23.5 30.4	13.5 13.0	5.3 8.7	3.5 8.7	3.5 8.7	14.7 21.7	1.8
Mail-order houses Vending machine operators Direct selling establishments	4542 4543	1,460 770 2,490	21.9 28.6 21.7	13.0 7.8 12.0	4.1 16.9 6.0	3.4 3.9 1.2	2.7 6.5 5.2	13.7 11.7 12.4	1.4 6.5 4.4
Fuel dealers Other direct selling establishments	45431 45439	2,000 490	20.5 26.5	10.5 18.4	5.5 6.1	1.0	5.0 4.1	13.5 10.2	4.0 6.1
Transportation and warehousing ⁹	48-49	109,800	21.2	10.4	5.8	3.6	8.1	10.4	2.9
Air transportation Scheduled air transportation Scheduled air transportation	4811	20,800 20,320 20,320	19.2 19.1 19.1	8.2 8.1 8.1	6.2 6.2 6.2	3.6 3.6 3.6	3.8 3.8 3.8	11.1 11.1 11.1	3.3 3.3 3.3
Scheduled passenger air transportation Scheduled freight air transportation	481112	20,020 310 470	19.1 19.4 21.3	8.1 9.7 10.6	6.2 6.5 8.5	3.6 -	3.6 12.9 8.5	11.0 16.1 8.5	3.4 -
Nonscheduled air transportation Rail transportation ⁹ Water transportation Deep sea, coastal, and great lakes water	482	3,530 1,210	21.3 16.1 28.1	7.4 14.0	8.5 5.7 9.1	- 1.4 3.3	8.5 16.4 6.6	8.5 2.0 7.4	– 1.4 3.3
transportation Deep sea, coastal, and great lakes	4831	650	29.2	10.8	12.3	3.1	7.7	9.2	4.6
water transportation Coastal and great lakes freight		650	29.2	10.8	12.3	3.1	7.7	9.2	4.6
transportation	483113	530	28.3	9.4	13.2	3.8	9.4	7.5	5.7

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Prerecorded tape, compact disc, and										
record stores	_	_	_	_	_	_	_	_	_	_
General merchandise stores	29.8	18.3	2.3	2.8	1.0	0.1	1.1	0.8	0.3	9.9
Department stores	26.1	16.3	1.9	2.7	1.0	.1	1.2	.9	.3	10.8
Other general merchandise stores	33.6	20.3	2.8	2.9	1.0		1.0	.8	.3	8.9
Warehouse clubs and superstores	30.8	18.9	3.3	3.5	1.3	_	1.0	.6	.4	9.6
All other general merchandise stores	44.1	25.3	.8	.5	-	_	1.3	1.3		6.2
Miscellaneous store retailers	27.7	12.4	1.0	1.6	4.7	_	3.9	_	3.7	10.6
Florists			_	_	_	_		_	_	
Office supplies, stationery, and gift stores	37.0	18.3	_	.9	3.2	_	_	_	_	17.4
Office supplies and stationery stores	31.1	14.8	_	0	3.3	_	_	_	_	20.5
Gift, novelty, and souvenir stores	44.3	22.7	_	2.1	3.1	_	_	_	_	13.4
Used merchandise stores	20.5	9.9	_	_	_	_	_	_	L _	8.1
Other miscellaneous store retailers	20.3	11.3	1.8	3.1	5.2		8.6		8.6	9.2
Manufactured (mobile) home dealers	- 20.1		- 1.0	- 5.1	- 0.2	_	0.0	_	0.0	5.2
Nonstore retailers	22.4	13.1	3.2	4.4	9.9	.8	.8	_	.8	13.3
Electronic shopping and mail-order houses	21.8	12.9	7.1	5.3	1.8	.0	.0	_	.0	20.0
Electronic shopping and mail-order	21.0			0.5	1.0					
houses	21.8	12.9	7.1	5.3	1.8	-	-	-	-	20.0
Electronic shopping	17.4	8.7	8.7	-	-	-	-	-	-	8.7
Mail-order houses	23.3	13.0	6.8	5.5	2.1	-	-	-	-	21.2
Vending machine operators	23.4	16.9	2.6	3.9	2.6	-	-	-	-	13.0
Direct selling establishments	22.5	12.4	1.2	4.0	17.7	1.6	-	-	-	8.8
Fuel dealers	22.0	10.5	1.0	5.0	19.5	2.0	-	-	-	7.5
Other direct selling establishments	24.5	20.4	-	-	12.2	-	-	-	-	14.3
Transportation and warehousing ⁹	28.6	13.5	1.8	2.4	11.3	.1	.8	.4	.4	12.2
Air transportation	42.0	22.7	2.1	3.5	5.7	_	.3	.1	.2	9.0
Scheduled air transportation	42.1	22.8	2.1	3.5	5.7	_	.3	.1	.2	9.0
Scheduled air transportation	42.1	22.8	2.1	3.5	5.7	-	.3	.1	.2	9.0
Scheduled passenger air	40.4	22.0	~ ~				_			
transportation	42.4	23.0	2.1	3.5	5.5	-	.3	.1	.2	9.0
Scheduled freight air transportation	22.6	9.7	-	-	16.1	-	-	-	-	6.5
Nonscheduled air transportation	38.3	17.0	-	4.3	6.4	-			-	10.6
Rail transportation ⁹	14.7	-	1.1	4.2	14.2	-	1.1	1.1	-	28.9
Water transportation	23.1	6.6	-	7.4	9.1	-	-	-	-	12.4
Deep sea, coastal, and great lakes water transportation	18.5	4.6	_	_	13.8	_	_	_	_	13.8
Deep sea, coastal, and great lakes	10.0				10.0					10.0
water transportation Coastal and great lakes freight	18.5	4.6	-	-	13.8	-	-	-	-	13.8
transportation	20.8	3.8	-	-	9.4	-	-	-	-	15.1

Industry ³ NAICS code ⁴ Total cases Struck Total Contact with objects Caught for or pressed or crushed Fall for or pressed or crushed Fall for or pressed or crushed Fall for or pressed or crushed Fall for or pressed or pressed or crushed Silps or pressed or pressed or pressed or pressed Fall for or pressed or pressed Fall for or pressed or pressed Fall for or pressed or pressed Fall for or pressed Fall for for for for for for for for for for					Perce	ent of indu	stry case to	otal involvii	ng —	
Industry3 Industry3 <t< td=""><td></td><td></td><td></td><td></td><td>Contact w</td><td>ith objects</td><td></td><td></td><td></td><td></td></t<>					Contact w	ith objects				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Industry ³			Total	by	against	in or com- pressed or	to lower	on same	or trips without
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Coastal and great lakes passenger									
Inland water transportation 4832 560 28.6 17.9 7.1 3.6 5.4 5.4 - Inland water transportation 483211 400 28.6 18.4 6.1 4.1 4.1 4.1 -		483114	40	_	_	_	_	_	_	_
Inland water transportation 48321 560 28.6 17.9 7.1 3.6 5.4 5.4 - Inland water passenger transportation 483211 70 - <		4832	560	28.6	17.9	7.1	3.6	5.4	5.4	_
	· · · · · · · · · · · · · · · · · · ·	48321	560	28.6	17.9	7.1	3.6	5.4	5.4	_
		483211	490	28.6		6.1	4.1	4.1	4.1	_
General freight rucking 4841 28/250 20.2 10.4 5.5 2.8 12.6 11.4 2.8 General freight rucking, local 48411 5310 20.3 9.6 5.3 4.1 11.3 11.9 2.3 Specialized freight rucking, long-distance 4842 22.940 20.2 10.5 5.5 2.5 12.9 11.2 3.0 Used household and office goods 4842 2,830 32.2 21.9 3.2 6.7 12.4 4.9 1.4 Specialized freight (except used goods) 48422 4,500 22.2 16.2 4.2 1.1 15.8 8.9 1.1 Transit and ground passenger transportation 4851 1,430 18.9 4.2 6.3 2.1 2.8 9.8 2.1 Taxi and limousine service 4853 730 9.6 6.8 - - - 4.1 2.7 Limousine service 4853 730 9.6 6.8 - - -			70			-	-	-	_	-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		484	40,090	20.7	11.1	5.3	2.9	13.2	10.9	2.5
General freight trucking, long-distance 48412 22,940 20.2 10.5 5.5 2.5 11.2 3.0 Specialized freight trucking. ad842 11,840 21.7 12.9 4.7 3.0 14.6 9.6 1.9 Specialized freight (except used goods) trucking, local 48421 2.830 32.2 21.9 3.2 6.7 12.4 4.9 1.4 Specialized freight (except used goods) trucking, local 48422 4,500 22.2 16.2 4.2 1.1 15.8 8.9 1.1 Transit and ground passenger transportation 485 6,320 13.6 5.2 4.7 1.3 5.5 10.6 4.0 Urbar transit systems 4851 1,430 18.9 4.2 6.3 2.1 2.8 9.8 2.1 Taxi and limousine service 4853 960 9.4 5.2 2.1 - 4.1 2.7 Limousine service 4853 1700 11.2 3.4 7.6 <t< td=""><td>General freight trucking</td><td>4841</td><td>28,250</td><td>20.2</td><td>10.4</td><td>5.5</td><td>2.8</td><td>12.6</td><td>11.4</td><td>2.8</td></t<>	General freight trucking	4841	28,250	20.2	10.4	5.5	2.8	12.6	11.4	2.8
Specialized freight trucking 4842 11,840 21.7 12.9 4.7 3.0 14.6 9.6 1.9 Used household and office goods moving 48421 2,830 32.2 21.9 3.2 6.7 12.4 4.9 1.4 Specialized freight (except used goods) trucking, local 48422 4,500 22.2 16.2 4.2 1.1 15.8 8.9 1.1 Transit and ground passenger transportation 4851 1.3.6 5.2 4.7 1.3 5.5 10.6 4.0 Urban transit systems 4851 1.430 18.9 4.2 6.3 2.1 2.8 9.8 2.1 Taxi and imousine service 48531 730 9.6 6.8 - - - 4.1 2.7 Limousine service 4853 1709 9.6 6.8 - - - 4.1 2.7 Limousine service 4853 1709 9.3 4.7 3.1 1.6 3.9 9.3 5.4	General freight trucking, local		5,310	20.3	9.6				11.9	
Used household and office goods moving Har	General freight trucking, long-distance	-		-	10.5		2.5	-		
moving 48421 2,830 32.2 21.9 3.2 6.7 12.4 4.9 1.4 Specialized freight (except used goods) trucking, long-distance 48422 4,500 22.2 16.2 4.2 1.1 15.8 8.9 1.1 Specialized freight (except used goods) trucking, long-distance 48423 4,510 14.6 4.0 6.4 2.7 14.9 13.1 2.9 Transi and ground passenger transportation 4851 1,430 18.9 4.2 6.3 2.1 - 4.2 2.1 Taxi and limousine service 48531 730 9.6 6.8 - - - - 4.1 2.7 Limousine service 48531 730 9.6 6.8 - - - - 4.1 2.7 Limousine service 4853 1700 11.2 3.4 5.6 1.1 8.9 14.5 5.6 Chart runs in ad ground passenger 4855 310 16.1 9.7 -		4842	11,840	21.7	12.9	4.7	3.0	14.6	9.6	1.9
trucking, local 48422 4,500 22.2 16.2 4.2 1.1 15.8 8.9 1.1 Specialized freight (except used goods) 48423 4,510 14.6 4.0 6.4 2.7 14.9 13.1 2.9 Transit and ground passenger transportation 4851 1,430 18.9 4.2 6.3 2.1 2.8 9.8 2.1 Taxi and limousine service 48531 730 9.6 6.8 - - 4.2 4.2 2.1 Limousine service 48532 230 8.7 - - 7.4 - - - - 4.1 2.7 Limousine service 48532 230 8.7 - - - 7.4 - - - - - - 4.1 2.7 Limousine service 4855 310 16.1 9.7 - - - - - - - 5.4 Pipeline transportation of natural ga	moving	48421	2,830	32.2	21.9	3.2	6.7	12.4	4.9	1.4
trucking, long-distance 48423 4,510 14.6 4.0 6.4 2.7 14.9 13.1 2.9 Transit and ground passenger transportation 485 6,320 13.6 5.2 4.7 1.3 5.5 10.6 4.0 Urban transit systems 4853 960 9.4 5.2 2.1 - 4.2 4.2 2.1 Taxi and limousine service 48531 730 9.6 6.8 - - - 4.1 2.7 Limousine service 48531 730 9.6 6.8 - - - 4.1 2.7 Charter bus industry 4854 1,790 11.2 3.4 5.6 1.1 8.9 14.5 5.6 Charter bus industry 4862 210 28.6 19.0 - - - 9.7 - Transportation 4862 210 28.6 19.0 - - 9.5 9.5 Scenic and sightseeing transportation, land	trucking, local	48422	4,500	22.2	16.2	4.2	1.1	15.8	8.9	1.1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		48423	4.510	14.6	4.0	6.4	2.7	14.9	13.1	2.9
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $										
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		4851		18.9	4.2	6.3	2.1	2.8	9.8	2.1
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Taxi and limousine service	4853	960	9.4	5.2	2.1	-	4.2	4.2	2.1
School and employee bus transportation 4854 $1,790$ 11.2 3.4 5.6 1.1 8.9 14.5 5.6 Charter bus industry 4855 310 16.1 9.7 $ 9.7$ 9.7 $-$ Other transit and ground passenger 4859 $1,290$ 9.3 4.7 3.1 1.6 3.9 9.3 5.4 Pipeline transportation 4862 230 26.1 17.4 $ 8.7$ 8.7 Pipeline transportation of natural gas 4862 210 28.6 19.0 $ 9.5$ 9.5 Scenic and sightseeing transportation, land Scenic and sightseeing transportation, water 4871 140 14.3 $ 14.3$ 21.4 $-$ Near 4872 230 13.0 $ 34.8$ $-$ Scenic and sightseeing transportation, other 4879 30 66.7 66.7 $ -$ Support activities for transportation 4881 $2,780$ 28.4 12.2 9.7 4.7 9.0 12.9 2.5 Support activities for air transportation 4882 510 29.4 7.8 13.7 $ 5.9$ 19.6 $-$ Support activities for air transportation 4883 3.070 27.4 13.0 5.2 6.8 6.8 12.1 2.8 Support activities for water transportation 48831 390	Taxi service	48531		9.6	6.8	-	-		4.1	2.7
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Limousine service	48532	230	8.7		-	-	17.4	-	
Other transit and ground passenger transportation 4859 $1,290$ 9.3 4.7 3.1 1.6 3.9 9.3 5.4 Pipeline transportation 4866 230 26.1 17.4 $ 8.7$ 8.7 Pipeline transportation of natural gas 4866 210 28.6 19.0 $ 9.5$ 9.5 Scenic and sightseeing transportation 487 410 14.6 9.8 4.9 $ 3.26.8$ 4.9 Scenic and sightseeing transportation, water 4872 230 13.0 $ 34.8$ $-$ Scenic and sightseeing transportation, other 4872 230 13.0 $ -$ Support activities for transportation, other 4879 30 66.7 66.7 $ -$ Support activities for air transportation 4881 $2,780$ 28.4 12.2 9.7 4.7 9.0 12.9 2.5 Support activities for air transportation 4881 $2,780$ 28.4 12.2 9.7 4.7 9.0 12.9 2.5 Support activities for air transportation 4882 $3,070$ 27.4 13.0 5.2 6.8 6.8 12.1 3.6 Port and harbor operations 48831 390 41.0 25.6 $ 5.1$ 7.7 7.7 $-$ <td< td=""><td></td><td></td><td>'</td><td></td><td></td><td>5.6</td><td>1.1</td><td></td><td>-</td><td>5.6</td></td<>			'			5.6	1.1		-	5.6
Pipeline transportation 486 230 26.1 17.4 - - - 8.7 8.7 Pipeline transportation of natural gas 4862 210 28.6 19.0 - - - 9.5 9.5 Scenic and sightseeing transportation 487 410 14.6 9.8 4.9 - 7.3 26.8 4.9 Scenic and sightseeing transportation, water 4871 140 14.3 - - - 14.3 21.4 - water 4872 230 13.0 - - - - 34.8 - Scenic and sightseeing transportation, other 4879 30 66.7 66.7 - <td></td> <td>4855</td> <td>310</td> <td>16.1</td> <td>9.7</td> <td>-</td> <td>-</td> <td>9.7</td> <td>9.7</td> <td>_</td>		4855	310	16.1	9.7	-	-	9.7	9.7	_
Pipeline transportation of natural gas						3.1	1.6	3.9		
Scenic and sightseeing transportation 487 410 14.6 9.8 4.9 - 7.3 26.8 4.9 Scenic and sightseeing transportation, land 4871 140 14.3 - - 14.3 21.4 - Scenic and sightseeing transportation, 4872 230 13.0 - - - 14.3 21.4 - Scenic and sightseeing transportation, 4872 230 13.0 - - - - 34.8 - Scenic and sightseeing transportation, 4879 30 66.7 66.7 -						-	-	-	-	
Scenic and sightseeing transportation, land 4871 140 14.3 - - - 14.3 21.4 - Scenic and sightseeing transportation, 4872 230 13.0 - - - - 34.8 - Scenic and sightseeing transportation, 4872 230 13.0 - - - - 34.8 - Scenic and sightseeing transportation, 4879 30 66.7 66.7 -			-			-				
Scenic and sightseeing transportation, water		-	-	-		-		-		4.9
Scenic and sightseeing transportation, other 4879 30 66.7 66.7 -		4871	140	14.3	-	-	-	14.3	21.4	-
Support activities for transportation 488 9,310 28.7 13.0 7.9 5.6 6.1 12.1 2.8 Support activities for air transportation 4881 2,780 28.4 12.2 9.7 4.7 9.0 12.9 2.5 Support activities for rail transportation 4882 510 29.4 7.8 13.7 - 5.9 19.6 - Support activities for water transportation 4883 3,070 27.4 13.0 5.2 6.8 6.8 12.1 3.6 Port and harbor operations 48831 390 41.0 25.6 - 5.1 7.7 7.7 - Marine cargo handling 48832 1,900 22.6 10.5 4.7 5.8 7.4 13.7 4.2 Navigational services to shipping 48833 690 33.3 11.6 7.2 11.6 5.8 10.1 2.9 Other support activities for water 48839 100 30.0 20.0 - - 20.0 -		4872	230	13.0	-	-	-	-	34.8	-
Support activities for air transportation 4881 2,780 28.4 12.2 9.7 4.7 9.0 12.9 2.5 Support activities for rail transportation 4882 510 29.4 7.8 13.7 - 5.9 19.6 - Support activities for water transportation 4883 3,070 27.4 13.0 5.2 6.8 6.8 12.1 3.6 Port and harbor operations 48831 390 41.0 25.6 - 5.1 7.7 7.7 - Marine cargo handling 48832 1,900 22.6 10.5 4.7 5.8 7.4 13.7 4.2 Navigational services to shipping 48833 690 33.3 11.6 7.2 11.6 5.8 10.1 2.9 Other support activities for water 48839 100 30.0 20.0 - - 20.0 -	o o i	4879	30	66.7	66.7	-	-	-	-	-
Support activities for rail transportation 4882 510 29.4 7.8 13.7 - 5.9 19.6 - Support activities for water transportation 4883 3,070 27.4 13.0 5.2 6.8 6.8 12.1 3.6 Port and harbor operations 48831 390 41.0 25.6 - 5.1 7.7 7.7 - Marine cargo handling 48832 1,900 22.6 10.5 4.7 5.8 7.4 13.7 4.2 Navigational services to shipping 48833 690 33.3 11.6 7.2 11.6 5.8 10.1 2.9 Other support activities for water 48839 100 30.0 20.0 - - 20.0 -	Support activities for transportation	488		28.7	13.0	7.9	5.6	6.1	12.1	2.8
Support activities for water transportation 4883 3,070 27.4 13.0 5.2 6.8 6.8 12.1 3.6 Port and harbor operations 48831 390 41.0 25.6 - 5.1 7.7 7.7 - Marine cargo handling 48832 1,900 22.6 10.5 4.7 5.8 7.4 13.7 4.2 Navigational services to shipping 48833 690 33.3 11.6 7.2 11.6 5.8 10.1 2.9 Other support activities for water 48839 100 30.0 20.0 - - 20.0 -	Support activities for air transportation		2,780	-		-	4.7		-	2.5
Port and harbor operations 48831 390 41.0 25.6 - 5.1 7.7 7.7 - Marine cargo handling 48832 1,900 22.6 10.5 4.7 5.8 7.4 13.7 4.2 Navigational services to shipping 48833 690 33.3 11.6 7.2 11.6 5.8 10.1 2.9 Other support activities for water 48839 100 30.0 20.0 - - - 20.0 -				-	-	-				
Marine cargo handling 48832 1,900 22.6 10.5 4.7 5.8 7.4 13.7 4.2 Navigational services to shipping 48833 690 33.3 11.6 7.2 11.6 5.8 10.1 2.9 Other support activities for water 48839 100 30.0 20.0 - - 20.0 -			'			-				3.6
Navigational services to shipping 48833 690 33.3 11.6 7.2 11.6 5.8 10.1 2.9 Other support activities for water transportation 48839 100 30.0 20.0 - - 20.0 -							-			-
Other support activities for water 48839 100 30.0 20.0 - - 20.0 -			'	-						
transportation 48839 100 30.0 20.0 - - 20.0 - Support activities for road transportation 4884 1,530 29.4 12.4 10.5 6.5 2.0 9.8 -		48833	690	33.3	11.6	7.2	11.6	5.8	10.1	2.9
Support activities for road transportation 4884 1,530 29.4 12.4 10.5 6.5 2.0 9.8 –						-	-	-		-
	Support activities for road transportation	4884	1,530	29.4	12.4	10.5	6.5	2.0	9.8	-

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Coastal and great lakes passenger										
transportation	_	_	_	_	_	_	_	_	_	_
Inland water transportation	28.6	8.9	_	14.3	3.6	_	_	_	_	10.7
Inland water transportation	28.6	8.9	_	14.3	3.6	_	_	_	_	10.7
Inland water freight transportation	28.6	10.2	_	16.3	_	_	_	_	_	10.2
Inland water passenger transportation	28.6	_	_	_	_	_	_	_	_	_
Truck transportation	23.1	7.9	1.2	2.3	13.6	0.1	0.7	0.3	0.5	11.6
General freight trucking	24.4	7.7	1.2	2.0	13.7	.1	.8	.2	.6	10.6
General freight trucking, local	26.6	7.9	.9	1.5	14.3	.4	_			10.4
General freight trucking, long-distance	23.9	7.7	1.2	2.1	13.6	.1	1.0	.3	.7	10.7
Specialized freight trucking	20.0	8.4	1.3	3.1	13.3	_	.4	.3	.2	14.0
Used household and office goods		_	_		18.0					3.9
moving Specialized freight (except used goods)	26.5	13.8	-	_	10.0	_	_	_	-	3.9
trucking, local	15.6	6.4	2.4	2.4	12.2	_	.4	-	.4	19.1
Specialized freight (except used goods)	00.0		-	5.0	44.0		_	-		45.0
trucking, long-distance	20.2	6.9	.7	5.8	11.3	-	.7	.7	- <u>-</u>	15.3
Transit and ground passenger transportation	17.1	7.8	1.3	2.4	32.0	-	3.6	3.2	.5	10.0
Urban transit systems	16.8	3.5	2.1	2.8	31.5	-	4.9	3.5	1.4	8.4
Taxi and limousine service	16.7	12.5	-	2.1	46.9	-	7.3	7.3	-	5.2
	13.7	9.6	-	-	52.1	-	9.6	9.6	-	5.5
Limousine service	26.1	21.7	-	- 2.8	30.4	-	-	-	-	-
School and employee bus transportation	8.9	3.9	1.1	2.8	34.1	-	2.8	2.2	-	9.5
Charter bus industry	35.5	22.6	-	-	16.1	-	-	-	-	-
Other transit and ground passenger	20.9	0.2		1.0	20.5		1.6	1.0		171
transportation	20.9 8.7	9.3	_	1.6	29.5 13.0	_	1.6	1.6	_	17.1
Pipeline transportation	8.7 9.5	-	_	_	9.5	_	_	_		28.6
Pipeline transportation of natural gas Scenic and sightseeing transportation	9.5 9.8	_	_	7.3	9.5					14.6
Scenic and sightseeing transportation, land	9.0 14.3	_	_	- 1.5	- 14.0	_	_	_		- 14.0
Scenic and sightseeing transportation, and	14.5	_	_	_	_	_	_	_		_
water	_	_	_	8.7	17.4	_	_	_		17.4
Scenic and sightseeing transportation,				0.7						''
other	_	_	_	_	_	_	_	_	_	_
Support activities for transportation	22.4	9.8	1.1	3.1	11.5	_	.6	.2	.4	11.5
Support activities for air transportation	28.4	14.0	.7	3.2	3.2	_				10.8
Support activities for rail transportation	15.7	5.9		5.9	11.8	_	_	_	_	5.9
Support activities for water transportation	17.3	3.9	1.6	1.6	14.3	_	_	_	_	15.3
Port and harbor operations	10.3	_	5.1	_	15.4	_	-	-	-	7.7
Marine cargo handling	15.8	3.2	1.1	-	17.4	_	-	-	-	17.4
Navigational services to shipping	26.1	5.8	_	2.9	5.8	_	-	-	-	13.0
Other support activities for water										
transportation	_	-	-	-	_	_	-	-	-	30.0
Support activities for road transportation	23.5	13.7	-	5.2	19.0	-	2.0	-	-	8.5

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Motor vehicle towing Freight transportation arrangement Other support activities for transportation Couriers and messengers Couriers Local messengers and local delivery Warehousing and storage Warehousing and storage General warehousing and storage Refrigerated warehousing and storage Farm product warehousing and storage Other warehousing and storage	48841 4885 4889 4921 4922 4933 49311 49311 49312 49313 49319	660 830 550 15,210 14,510 700 12,700 12,700 11,020 12,700 12,700 170 470	33.3 28.9 31.0 20.2 20.3 18.6 26.5 26.5 26.1 26.5 11.8 29.8	18.2 18.1 15.5 10.9 10.9 11.4 12.2 12.2 12.3 12.2 - 12.8	7.6 4.8 5.2 4.7 4.7 5.7 6.8 6.8 7.0 6.8 - 6.4	- 2.4 8.6 3.8 3.9 - 5.7 5.7 5.7 5.2 5.7 - 6.4	- 3.6 - 4.5 4.4 5.7 3.9 3.9 3.8 3.8 3.9 - 4.3	13.6 13.3 5.2 10.2 10.1 11.4 9.2 9.4 9.4 9.2 11.8 6.4	- 4.8 3.4 3.2 7.1 2.5 2.5 2.5 2.5 - -
Utilities	22	6,210	18.4	8.2	6.3	2.6	8.5	9.0	4.2
Utilities Electric power generation, transmission	221	6,210	18.4	8.2	6.3	2.6	8.5	9.0	4.2
and distribution Electric power generation Hydroelectric power generation Fossil fuel electric power generation Nuclear electric power generation Other electric power generation Electric power transmission, control, and distribution Natural gas distribution	221113 221119	4,170 1,960 210 1,530 120 100 2,200 1,350	18.2 18.9 23.8 19.0 25.0 - 17.7 19.3	8.9 8.2 - 8.5 - - 9.5 5.9	5.5 6.1 9.5 5.9 - - 5.0 8.1	2.4 2.6 - 2.0 - - 2.3 3.0	10.3 9.2 9.5 7.8 _ 20.0 10.9 5.2	9.1 8.2 9.5 - - 10.0 8.1	3.8 5.1 - 5.2 - - 2.7 5.9
Water, sewage and other systems Water supply and irrigation systems Sewage treatment facilities Steam and air-conditioning supply	2213 22131 22132 22132 22133	680 520 140 20	17.6 15.4 21.4 –	7.4 5.8 14.3 -	7.4 5.8 - -	- - - -	5.9 3.8 - -	10.3 9.6 - 100.0	2.9 - - -
Information		18,560	18.4	7.6	6.0	3.8	9.5	17.2	3.8
Information	51	18,560	18.4	7.6	6.0	3.8	9.5	17.2	3.8
Publishing industries (except Internet) Newspaper, periodical, book, and directory	511	5,370	26.1	8.9	6.9	9.1	5.0	16.9	3.4
publishers Newspaper publishers Periodical publishers Book publishers Directory and mailing list publishers Other publishers	5111 51111 51112 51113 51114 51119	5,130 3,910 510 290 310 110	26.7 26.3 19.6 27.6 41.9 27.3	8.8 7.9 5.9 10.3 22.6 -	7.2 7.7 5.9 6.9 –	9.6 9.5 5.9 10.3 12.9 -	5.1 4.9 5.9 – 9.7 –	16.2 15.9 25.5 10.3 9.7 -	3.5 3.3 - 10.3 - -
Software publishers	5112	240	12.5	12.5	-	-	-	29.2	-

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Motor vehicle towing Freight transportation arrangement Other support activities for transportation Couriers and messengers Couriers Local messengers and local delivery Warehousing and storage Warehousing and storage General warehousing and storage Refrigerated warehousing and storage Farm product warehousing and storage	34.8 20.5 27.6 34.2 34.6 25.7 33.3 33.3 34.2 33.3 47.1	16.7 12.0 10.3 18.8 18.6 20.7 20.7 21.5 20.7 23.5	- 3.4 2.2 2.3 - 3.7 3.7 3.7 3.7	- 2.4 3.4 1.0 1.0 - 1.2 1.2 1.1 1.2 1.1	- 18.1 6.9 6.2 5.6 20.0 8.7 8.7 7.7 8.7 23.5		- - 1.0 1.0 - .6 .6 .6 .6 .6	- - 0.1 .1 - .3 .3 .3 .3 .3 -	- - 0.9 .8 - .2 .2 .3 .2 .2 -	6.1 7.2 13.8 17.2 17.5 10.0 10.3 10.3 10.7 10.3
Other warehousing and storage	23.4 20.1	14.9 7.7	8.5 4.8	- 7.2	8.5 5.6	- 0.5	- 2.3	5	- 1.8	14.9 19.3
	-		-				_		-	
Utilities	20.1 15.3 14.3 15.0 16.7 20.0	7.7 7.9 5.1 - 5.9 - -	4.8 4.3 4.6 - 5.9 - -	7.2 8.9 9.7 19.0 9.2 - -	5.6 5.3 6.6 - 7.2 -	.5 - - - - - -	2.3 1.2 1.0 - - - -	.5 	1.8 .7 - - - - - -	19.3 18.5 20.4 14.3 21.6 16.7 30.0
Electric power transmission, control, and distribution Natural gas distribution Water, sewage and other systems Water supply and irrigation systems Sewage treatment facilities Steam and air-conditioning supply	24.5 18.5 23.5 23.1 28.6 –	10.5 6.7 8.8 3.8 28.6 -	4.1 8.1 - - -	8.6 3.0 4.4 5.8 -	4.1 5.2 8.8 9.6 –	- - - -	.9 5.2 2.9 – –	- - - - -	.9 4.4 2.9 - -	16.4 21.5 22.1 25.0 14.3 –
Information	16.5	7.9	6.2	4.1	7.4	-	1.3	.5	.8	15.5
Information	16.5	7.9	6.2	4.1	7.4	_	1.3	.5	.8	15.5
Publishing industries (except Internet) Newspaper, periodical, book, and directory	20.1	9.5	5.8	1.9	7.8	_	.4	.4	-	12.3
publishers Newspaper publishers Periodical publishers Book publishers Directory and mailing list publishers Other publishers Software publishers	20.7 19.2 33.3 24.1 12.9 18.2 8.3	9.9 9.2 15.7 13.8 6.5 – –	5.8 5.9 - 10.3 - 18.2 -	1.4 1.3 - - - 16.7	8.0 9.5 - 9.7 - -	- - - - -	.4 .5 _ _ _ _ _ _	.4 .5 _ _ _ _ _ _ _	- - - - - -	12.1 13.3 5.9 10.3 12.9 - 16.7

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Motion picture and sound recording industries Motion picture and video industries	512 5121	1,220 1,190	24.6 24.4	11.5 11.8	7.4 6.7	4.9 5.0	5.7 5.9	19.7 19.3	5.7 5.9
Motion picture and video distribution Motion picture and video exhibition	51212 51213	30 470		_ 12.8	4.3		_ 8.5	36.2	
Sound recording industries	5122	30	-	-	-	-	-	-	-
Broadcasting (except Internet) Radio and television broadcasting	515 5151	1,780 930	23.0 31.2	10.7 14.0	10.1 16.1	_	12.4 8.6	14.0 15.1	3.9 2.2
Radio broadcasting	51511	260	42.3	-	42.3	_	11.5	11.5	
Television broadcasting	51512	670	26.9	17.9	6.0	-	9.0	17.9	3.0
Cable and other subscription programming	5152	860	14.0	8.1	3.5	-	16.3	12.8	5.8
Telecommunications	517	9,010	12.1	5.4	4.9	1.1	11.3	16.8	3.9
Wired telecommunications carriers	5171	5,310	12.6	5.6	5.1	1.3	13.6	13.7	5.3
Wireless telecommunications carriers	E470	74.0	5.0				10	04.4	
(except satellite) Telecommunications resellers	5172 5173	710 930	5.6 10.8	2.8 4.3	 5.4	_	4.2 10.8	21.1 16.1	3.2
Satellite telecommunications	5173	180	- 10.0	4.5	- 5.4		- 10.0		
Cable and other program distribution	5175	1,780	14.6	6.7	5.1	1.1	9.6	18.5	2.2
Internet service providers, web search	0110	1,100	1	0.1	0.1		0.0	10.0	
portals, and data processing services Data processing, hosting, and related	518	840	15.5	9.5	3.6	-	15.5	31.0	-
services	5182	650	18.5	10.8	4.6	-	4.6	33.8	-
Other information services	519	310	25.8	6.5	6.5	12.9	16.1	6.5	6.5
Other information services	5191	310	25.8	6.5	6.5	12.9	16.1	6.5	6.5
Libraries and archives	51912	280	25.0	7.1	-	14.3	17.9	-	7.1
Financial activities		33,300	23.1	10.8	7.8	2.3	8.1	17.0	3.6
Finance and insurance	52	12,600	16.1	5.2	7.9	2.6	9.5	27.0	3.3
Monetary authorities - central bank	521	210	9.5	_	_	_	_	9.5	_
Credit intermediation and related activities	522	5,710	24.9	7.2	12.6	4.6	8.6	25.7	4.7
Depository credit intermediation	5221	4,170	27.6	5.0	16.1	6.2	9.1	22.3	4.8
Savings institutions		350	5.7	-	-	-	11.4	60.0	11.4
Credit unions	52213	490	26.5	-	24.5	-	10.2	14.3	-
Nondepository credit intermediation	5222	1,130	18.6	15.9	1.8	-	5.3	35.4	5.3
Credit card issuing	52221	170	-		_	-	11.8	23.5	_
Sales financing Other nondepository credit	52222	120	16.7	-	-	-	-	25.0	-
intermediation	52229	840	21.4	17.9	_	_	4.8	38.1	4.8
Activities related to credit intermediation	5223	410	14.6	7.3	7.3	-	9.8	34.1	-
Financial transactions processing,									
reserve, and clearinghouse activities Other activities related to credit	52232	240	20.8	8.3	8.3	-	12.5	29.2	-
intermediation	52239	150	-	-	-	-	-	46.7	-
	52259	150	_	_	_		-	40.7	

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Motion picture and sound recording industries Motion picture and video industries Motion picture and video distribution	14.8 14.3 _	10.7 10.9	4.1 4.2	6.6 6.7		- -				18.9 17.6
Motion picture and video exhibition	8.5	6.4		- 8.5 -	-	-	-	-	-	10.6
Sound recording industries Broadcasting (except Internet) Radio and television broadcasting	_ 16.9 18.3	- 8.4 10.8	2.8 	 2.8 2.2	9.6 11.8		 2.2 2.2	- 1.1 2.2	1.1 -	- 11.8 6.5
Radio broadcasting Television broadcasting	11.5 20.9	_ 14.9			11.5 11.9		_ 3.0	_ 3.0		_ 6.0
Cable and other subscription programming Telecommunications	15.1 15.0	5.8 6.4	4.7 6.0	4.7 5.9	7.0 7.9	-	2.3 1.9	4	2.3 1.3	17.4 19.3
Wired telecommunications carriers Wireless telecommunications carriers (except satellite)	17.9 7.0	7.2 7.0	4.0 11.3	6.0 4.2	7.3 4.2	_	1.5	.6 _	.9	17.9 39.4
Telecommunications resellers Satellite telecommunications	8.6 —	4.3	16.1	11.8	5.4	-	-		-	17.2
Cable and other program distribution Internet service providers, web search	14.6	6.7	5.1	3.9	12.9	_	4.5	_	3.9	14.0
portals, and data processing services Data processing, hosting, and related	11.9	6.0	14.3	-	7.1	_	_	_	-	3.6
Services Other information services	15.4 19.4	7.7 12.9	15.4 22.6	-	6.2	_	_	_	_	4.6
Other information services	19.4	12.9	22.6	_	_	_	_	_	_	_
Libraries and archives	17.9	14.3	25.0	-	-	-	-	-	-	_
Financial activities	17.3	9.2	4.9	5.1	6.7	0.1	2.8	2.6	.2	11.5
Finance and insurance	10.8	6.5	11.5	3.3	5.7	-	.9	.6	.2	12.1
Monetary authorities - central bank Credit intermediation and related activities Depository credit intermediation	33.3 11.4 10.1	19.0 7.9 8.2	19.0 5.6 4.8	- 3.2 3.6	- 3.0 2.9	- - -	- 1.6 1.2	- 1.4 1.2		19.0 11.6 13.4
Savings institutions Credit unions	_ 14.3	_ 10.2	- 8.2	_ 10.2		-	-	-		_ 12.2
Nondepository credit intermediation	17.7	7.1	8.0	-	1.8	-	1.8	-	-	5.3
Credit card issuing Sales financing Other nondepository credit	17.6 _	11.8	17.6 -	-	-	-	-	-		
intermediation Activities related to credit intermediation	20.2 7.3	6.0 7.3	4.8 7.3	_ 4.9	_ 7.3	- -	_ 4.9	_ 4.9	-	3.6 12.2
Financial transactions processing, reserve, and clearinghouse activities Other activities related to credit	12.5	12.5	12.5	-	-	-	8.3	8.3	-	-
intermediation	-	-	-	-	13.3	-	-	-	-	20.0

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	vith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Securities, commodity contracts, and other									
financial investments and related activities Securities and commodity contracts	523	770	27.3	-	23.4	-	9.1	20.8	-
intermediation and brokerage Investment banking and securities	5231	250	8.0	-	-	-	16.0	40.0	-
dealing	52311	100	-	-	-	-	_	50.0	-
Securities brokerage	52312	160	-	-	-	-	25.0	31.2	-
Securities and commodity exchanges	5232	20	-	-	-	-	-	-	-
Portfolio management	52392	90	22.2	-	-	-	-	44.4	-
All other financial investment activities	52399	30	-	-	-	-		-	-
nsurance carriers and related activities	524	5,490	5.8	2.7	1.6	1.1	11.1	30.1	2.2
Insurance carriers	5241	3,980	5.5	3.0	1.5	.8	12.8	31.9	2.0
Direct life, health, and medical insurance carriers	52411	2,100	5.2	2.4	1.4	1.0	14.3	32.9	1.4
Direct insurance (except life, health, and	52411	2,100	5.2	2.4	1.4	1.0	14.5	52.5	1.4
medical) carriers	52412	1,780	6.2	3.9	1.7	_	11.8	31.5	2.8
Reinsurance carriers	52413	100	_		_	_	_		
Agencies, brokerages, and other insurance	02110	100							
related activities	5242	1,510	6.6	2.6	2.0	2.0	6.6	25.2	2.6
Insurance agencies and brokerages	52421	830	6.0	_	_	_	_	32.5	_
Other insurance related activities	52429	670	7.5	-	-	4.5	11.9	16.4	-
Funds, trusts, and other financial vehicles	525	420	14.3	11.9	-	_	7.1	23.8	-
Insurance and employee benefit funds	5251	340	14.7	14.7	-	-	5.9	23.5	-
Other insurance funds	52519	240	-	-	-	-	-	12.5	-
Other investment pools and funds	5259	80	-	-	-	-	-	25.0	-
Real estate and rental and leasing	53	20,700	27.3	14.3	7.7	2.1	7.2	11.0	3.8
Real estate	531	12,500	25.8	11.1	10.9	1.8	6.6	10.5	4.6
Lessors of real estate Lessors of residential buildings and	5311	7,660	30.8	11.7	15.4	2.0	5.0	6.1	3.3
dwellings Lessors of nonresidential buildings	53111	5,700	29.8	12.6	12.8	2.3	4.7	4.7	3.9
(except miniwarehouses) Lessors of miniwarehouses and	53112	890	20.2	13.5	6.7	-	6.7	13.5	2.2
self-storage units	53113	540	68.5	_	68.5	_	_	_	_
Lessors of other real estate property	53119	520	19.2	11.5		_	_	_	_
Offices of real estate agents and brokers	5312	1,030	20.4	11.7	3.9	_	14.6	21.4	1.9
Activities related to real estate	5313	3,810	17.3	9.7	3.9	1.6	7.9	16.3	7.6
Real estate property managers	53131	3,620	18.2	10.2	4.1	1.7	8.0	16.9	4.4
Rental and leasing services	532	8,170	29.6	19.2	2.7	2.6	8.3	11.8	2.7
Automotive equipment rental and leasing	5321	2,310	20.8	10.8	5.6	_	3.5	19.5	3.5
Passenger car rental and leasing	53211	1,290	17.1	10.9	4.7	-	2.3	27.1	3.1

Total In lifting motion stance or environ- ment accore environ- environ- ment accore contexts accore sions total person person other assaults Securities, commodity contracts, and other financial investments and related activities Securities and commodity contracts 26.0 2.6 10.4 -				-	Percent of	industry ca	ase total in	volving —			
Industry ³ Total In lifting Repeti- tive motion Trans- stance or mention Fires store privice, or mention Fires store privice, or mention Fires store store Total By person All other assaults All events Securities, commodity contracts, and other financial investment banking and related activities intermediation and brokerage 26.0 2.6 10.4 - - - - - 3.9 Securities and commodity contracts, intermediation and brokerage - - 16.0 - - - - - 3.9 Securities and commodity exchanges - <		Overe	xertion					Assaul	ts and viol	ent acts	
Innancial investments and related activities 26.0 2.6 10.4 - - - - - - 3.8 Securities and commodify contracts - <td>Industry³</td> <td>Total</td> <td>In lifting</td> <td>tive</td> <td>to harmful sub- stance or environ-</td> <td>portation acci-</td> <td>and explo-</td> <td>Total</td> <td></td> <td>other</td> <td>All other events⁵</td>	Industry ³	Total	In lifting	tive	to harmful sub- stance or environ-	portation acci-	and explo-	Total		other	All other events ⁵
intermediation and brokerage - - 16.0 -	financial investments and related activities	26.0	2.6	10.4	_	-	-	-	_	_	3.9
dealing - </td <td>intermediation and brokerage</td> <td>-</td> <td>-</td> <td>16.0</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>8.0</td>	intermediation and brokerage	-	-	16.0	-	-	-	-	-	-	8.0
Securities brokerage -		_	_	_	_	_	_	_	_	- 1	_
Securities and commodity exchanges -		-	-	25.0	-	-	-	_	-	-	-
All other financial investment activities <th< td=""><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>- </td><td>-</td></th<>		-	-	-	-	-	-	-	-	-	-
Insurance carriers and related activities 7.3 5.3 18.0 4.0 7.3 - 0.4 - 0.4 14.0 Insurance carriers 0.1 8.0 5.5 18.1 3.8 9.3 - 5.5 - 5.5 8.3 Direct life, health, and medical insurance 7.1 5.2 20.0 2.4 8.1 - - - - 8.0 Direct life, health, and medical carriers 7.1 5.2 20.0 2.4 8.1 - - - - 8.1 Agencies, brokerages, and other insurance 5.3 4.6 17.9 4.6 2.0 - - - - 2.9 Christing, strusts, and other financial vehicles 7.1 4.8 7.1 - 33.3 - - - - - 23.9 - 33.3 -	Portfolio management	-	_	22.2	-	-	_	_	-	-	-
Insurance carriers 8.0 5.5 18.1 3.8 9.3 - .5 - .5 8.3 Direct life, health, and medical insurance carriers 7.1 5.2 20.0 2.4 8.1 - - - 8.1 Direct insurance (except life, health, and medical) carriers 9.6 6.2 16.9 1.1 11.2 - - - - 8.1 Reinsurance carriers - - - 70.0 - 23.9 - - - - - - 33.3 -	All other financial investment activities	-	_	-	-	-	-	-	-	-	-
Direct life, health, and medical insurance carriers 7.1 5.2 20.0 2.4 8.1 - - - 8.1 Direct life, health, and medical) carriers 9.6 6.2 16.9 1.1 11.2 - - - - 9.0 Reinsurance carriers - 22.1 10.1 11.1 11.2 - - - - 23.3 - - - - - 23.3 - - - - 23.3 - - - - - - - - - -	Insurance carriers and related activities	7.3	5.3	18.0	4.0	7.3	-	0.4	-	0.4	14.0
carriers 7.1 5.2 20.0 2.4 8.1 - - - - 8.1 Direct insurance (except life, health, and medica) carriers 9.6 6.2 16.9 1.1 11.2 - - - - 9.0 Reinsurance carriers -	Insurance carriers	8.0	5.5	18.1	3.8	9.3	-	.5	-	.5	8.3
Direct insurance (except life, health, and medical) carriers9.66.216.91.111.2 $ -$ <t< td=""><td>Direct life, health, and medical insurance</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Direct life, health, and medical insurance										
Direct insurance (except life, health, and medical) carriers9.66.216.91.111.2 $ -$ <t< td=""><td>carriers</td><td>7.1</td><td>5.2</td><td>20.0</td><td>2.4</td><td>8.1</td><td>-</td><td>-</td><td>-</td><td>- </td><td>8.1</td></t<>	carriers	7.1	5.2	20.0	2.4	8.1	-	-	-	-	8.1
Reinsurance carriers70.0Agencies, brokerages, and other insurance5.34.617.94.62.029.1Insurance agencies and brokerages4.84.814.529.1Other insurance related activities6.04.522.46.023.9Funds, trusts, and other financial vehicles7.14.87.1-33.3 <td< td=""><td>Direct insurance (except life, health, and</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Direct insurance (except life, health, and										
Agencies, brokerages, and other insurance related activities 5.3 4.6 17.9 4.6 2.0 - - - - - 29.1 Insurance agencies and brokerages 4.8 4.8 14.5 - <	medical) carriers	9.6	6.2	16.9	1.1	11.2	-	-	-	-	9.0
related activities 5.3 4.6 17.9 4.6 2.0 - - - - 29.1 Insurance agencies and brokerages 4.8 4.8 4.8 14.5 - - - - - - - - - - - - - - 33.7 Other insurance agencies and brokerages 6.0 4.5 22.4 6.0 - - - - - 23.3 Funds, trusts, and other financial vehicles 7.1 4.8 7.1 - 33.3 - - - - - 23.9 Other insurance funds - - - 8.3 - 54.2 -	Reinsurance carriers	-	-	-	70.0	-	-	-	-	-	-
Insurance agencies and brokerages 4.8 4.8 4.8 14.5 - - - - - - - - - - - 33.7 Other insurance related activities 6.0 4.5 22.4 6.0 - - - - - 23.9 Funds, trusts, and other financial vehicles 7.1 4.8 7.1 - 33.3 - - - - 23.9 Other insurance and employee benefit funds - - 5.9 - 38.2 -	Agencies, brokerages, and other insurance										
Other insurance related activities6.04.522.46.0 $ -$ 23.9Funds, trusts, and other financial vehicles7.14.87.1 $-$ 33.3 $ -$	related activities	5.3	4.6	17.9	4.6	2.0	-	-	-	-	29.1
Funds, trusts, and other financial vehicles7.14.87.1-33.3Insurance and employee benefit funds5.9-38.2Other insurance funds8.3-54.2Other investment pools and funds25.025.025.0	Insurance agencies and brokerages	4.8	4.8	14.5	-	-	-	-	-	-	33.7
Insurance and employee benefit funds $ 5.9$ $ 38.2$ $ -$ <th< td=""><td>Other insurance related activities</td><td>6.0</td><td>4.5</td><td>22.4</td><td>6.0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>- </td><td>23.9</td></th<>	Other insurance related activities	6.0	4.5	22.4	6.0	-	-	-	-	-	23.9
Other insurance funds $ -$	Funds, trusts, and other financial vehicles	7.1	4.8	7.1	-	33.3	-	-	-	-	-
Other investment pools and funds 25.0 25.0 25.0 $ -$	Insurance and employee benefit funds	-	-	5.9	-	38.2	-	-	-	-	-
Real estate and rental and leasing 21.2 10.9 .8 6.2 7.3 0.1 4.0 3.7 .2 11.1 Real estate 23.4 12.2 .9 8.4 2.3 - 4.2 3.8 .3 13.3 Lessors of real estate 23.4 10.4 .5 10.1 1.8 - 5.7 5.6 - 12.9 Lessors of residential buildings and dwellings 27.7 12.3 - 8.4 .7 - 7.5 7.4 - 12.9 Lessors of nonresidential buildings 27.7 12.3 - 8.4 .7 - 7.5 7.4 - 12.1 Lessors of nonresidential buildings 27.7 12.3 - 8.4 .7 - - - 30.3 Lessors of nonresidential buildings 27.7 12.3 - 8.4 .7 - - - 12.1 Lessors of miniwarehouses - - - - - - - - - - - - - - -<	Other insurance funds	-	_	8.3	-	54.2	-	-	-	-	-
Real estate 23.4 12.2 .9 8.4 2.3 - 4.2 3.8 .3 13.3 Lessors of real estate 23.4 10.4 .5 10.1 1.8 - 5.7 5.6 - 12.9 Lessors of residential buildings and dwellings 27.7 12.3 - 8.4 .7 - 7.5 7.4 - 12.9 Lessors of nonresidential buildings (except miniwarehouses) 27.7 12.3 - 8.4 .7 - 7.5 7.4 - 12.1 Lessors of nonresidential buildings (except miniwarehouses) 14.6 6.7 2.2 4.5 3.4 - - - - 30.3 Lessors of their real estate property 9.6 -	Other investment pools and funds	25.0	25.0	-	-	-	-	-	-	-	-
Lessors of real estate 23.4 10.4 .5 10.1 1.8 - 5.7 5.6 - 12.9 Lessors of residential buildings and dwellings 27.7 12.3 - 8.4 .7 - 7.5 7.4 - 12.1 Lessors of nonresidential buildings (except miniwarehouses) 14.6 6.7 2.2 4.5 3.4 - - - 30.3 Lessors of miniwarehouses and self-storage units - - - - - - - - 30.3 Lessors of other real estate property 9.6 - 30.3 Lessors of other real estate property 9.6 - - - 48.1 11.5 - - - - - - - - - - - - - <	Real estate and rental and leasing	21.2	10.9	.8	6.2	7.3	0.1	4.0	3.7	.2	11.1
Lessors of real estate 23.4 10.4 .5 10.1 1.8 - 5.7 5.6 - 12.9 Lessors of residential buildings and dwellings 27.7 12.3 - 8.4 .7 - 7.5 7.4 - 12.1 Lessors of nonresidential buildings (except miniwarehouses) 14.6 6.7 2.2 4.5 3.4 - - - 30.3 Lessors of miniwarehouses and self-storage units - - - - - - - - 30.3 Lessors of other real estate property 9.6 - 30.3 Lessors of other real estate property 9.6 - - - 48.1 11.5 - - - - - - - - - - - - - <	Real estate	23.4	12.2	a	84	23	_	12	3.8	3	13.3
Lessors of residential buildings and dwellings 27.7 12.3 - 8.4 .7 - 7.5 7.4 - 12.1 Lessors of nonresidential buildings (except miniwarehouses) 14.6 6.7 2.2 4.5 3.4 - - - 30.3 Lessors of miniwarehouses and self-storage units - - - - - - - - 30.3 Construction of their real estate property 9.6 - <t< td=""><td></td><td>-</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		-		-							
Lessors of nonresidential buildings (except miniwarehouses) 14.6 6.7 2.2 4.5 3.4 - - - 30.3 Lessors of miniwarehouses and self-storage units - - - - - - - - 30.3 Construction - - - - - - - - - 30.3 Self-storage units - </td <td>Lessors of residential buildings and</td> <td></td> <td>_</td> <td>.0</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td>	Lessors of residential buildings and		_	.0				-			-
Lessors of miniwarehouses and self-storage units -	Lessors of nonresidential buildings			-	_		_	7.5	7.4	_	
Lessors of other real estate property 9.6 - - 48.1 11.5 -	Lessors of miniwarehouses and	14.6	6.7	2.2	4.5	3.4	_	_	-	-	30.3
Offices of real estate agents and brokers 22.3 8.7 - - 5.8 - - - 9.7 Activities related to real estate 23.6 16.8 1.6 6.8 2.4 - 2.1 1.3 .8 14.7 Real estate property managers 24.9 17.7 1.1 7.2 2.5 - 1.9 1.1 .8 15.2 Rental and leasing services 18.0 8.9 .7 2.7 14.8 - 3.5 3.5 - 7.7		-	-	-	-	-	-	-	-	-	-
Activities related to real estate 23.6 16.8 1.6 6.8 2.4 - 2.1 1.3 .8 14.7 Real estate property managers 24.9 17.7 1.1 7.2 2.5 - 1.9 1.1 .8 15.2 Rental and leasing services 18.0 8.9 .7 2.7 14.8 - 3.5 3.5 - 7.7					48.1	-		-	-	-	
Real estate property managers 24.9 17.7 1.1 7.2 2.5 - 1.9 1.1 .8 15.2 Rental and leasing services 18.0 8.9 .7 2.7 14.8 - 3.5 3.5 - 7.7			-		-					-	9.7
Rental and leasing services 18.0 8.9 .7 2.7 14.8 – 3.5 3.5 – 7.7				-					-		14.7
Rental and leasing services 18.0 8.9 .7 2.7 14.8 – 3.5 3.5 – 7.7	Real estate property managers	24.9		1.1		2.5	-	1.9	1.1	.8	15.2
	Rental and leasing services					-	-	3.5	3.5	-	7.7
Automotive equipment rental and leasing 13.4 4.8 1.3 3.9 18.6 - - - 15.2	Automotive equipment rental and leasing	13.4	4.8	1.3	3.9	18.6	-	-	-	-	15.2
Passenger car rental and leasing	Passenger car rental and leasing	10.1	7.0	1.6	1.6	22.5	-	-	-	-	14.7

				Perce	ent of indu	stry case to	otal involvii	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Truck, utility trailer, and rv (recreational vehicle) rental and leasing Video tape and disc rental Other consumer goods rental Commercial and industrial machinery and	53212 53223 53229	1,020 170 920	25.5 11.8 15.2	10.8 - 6.5	6.9 - 4.3	- - 4.3	5.9 - 4.3	9.8 47.1 16.3	3.9 _ _
equipment rental and leasing Construction, transportation, mining, and forestry machinery and equipment	5324	2,110	30.3	17.1	_	5.7	20.9	6.6	_
rental and leasing Lessors of nonfinancial intangible assets (except copyrighted works)	53241 533	1,610 30	22.4 _	13.0		3.7	21.1	8.1	_
Professional and business services		89,940	28.1	13.0	8.6	4.1	8.1	11.9	3.3
Professional, scientific, and technical services	54	22,350	28.7	10.6	12.0	3.5	5.0	8.4	2.8
Professional, scientific, and technical services Legal services Accounting, tax preparation, bookkeeping,	541 5411	22,350 1,910	28.7 9.4	10.6 4.2	12.0 1.6	3.5 -	5.0 7.9	8.4 13.6	2.8 _
and payroll services Accounting, tax preparation,	5412	1,800	30.0	8.3	20.6	-	4.4	21.1	-
bookkeeping, and payroll services Tax preparation services Other accounting services	54121 541213 541219	1,800 40 730	30.0 - 42.5	8.3 - -	20.6 - 37.0	- - -	4.4 - -	21.1 - 9.6	_ _ _
Architectural, engineering, and related services Architectural services	5413 54131	6,360 490	33.8 _	20.0	9.4		1.9 _	5.0 -	6.8 51.0
Engineering services Surveying and mapping (except	54133	4,040	35.1	19.3	9.4	-	2.0	4.0	2.0
geophysical) services Computer systems design services Computer facilities management	54137 541512	340 930	38.2 53.8	32.4	-	_ 41.9	_	_ 9.7	
Services Other computer related services Management, scientific, and technical	541513 541519	50 110	-		-		-	_ 54.5	_ _
consulting services Management consulting services Environmental consulting services Scientific research and development	5416 54161 54162	1,360 920 140	17.6 16.3 -	11.0 12.0 —	4.4 - -	- - -	- - -	9.6 14.1 —	_ _ _
services Advertising and related services	5417 5418	2,000 2,070	18.0 46.9	9.0 12.1	7.5 19.8	1.0 6.8	6.0 11.6	9.0 6.3	3.5 2.4

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assault	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Truck, utility trailer, and rv (recreational vehicle) rental and leasing Video tape and disc rental Other consumer goods rental Commercial and industrial machinery and	17.6 11.8 20.7	- - 13.0	_ 17.6 _	6.9 - 5.4	13.7 _ 29.3	- - -	- - -	- - -	- - -	15.7 11.8 6.5
equipment rental and leasing Construction, transportation, mining, and forestry machinery and equipment	23.7	13.7	-	3.3	7.1	-	3.8	3.8	-	3.3
rental and leasing Lessors of nonfinancial intangible assets (except copyrighted works)	25.5 -	14.3 –	-	4.3 -	9.3 –	-	4.3 -	4.3 -	-	4.3 -
Professional and business services	17.9	9.4	2.8	6.3	7.2	0.4	3.3	1.0	2.4	10.6
Professional, scientific, and technical services	18.8	11.7	4.2	6.5	4.2	.9	8.2	.5	7.7	12.3
Professional, scientific, and technical services Legal services	18.8 22.0	11.7 15.2	4.2 6.3	6.5 -	4.2 5.8	.9 _	8.2 -	.5 –	7.7	12.3 29.8
Accounting, tax preparation, bookkeeping, and payroll services Accounting, tax preparation,	25.6	20.6	7.2	-	-	-	_	_	-	7.8
bookkeeping, and payroll services Tax preparation services Other accounting services Architectural, engineering, and related	25.6 _ 38.4	20.6 - 32.9	7.2 - -	-	- - -	-	-	-		7.8 - -
Services Architectural services	19.7 _	10.1	4.7	10.8	5.5 _	-	1.6	-	1.3	9.9
Engineering services Surveying and mapping (except	27.7	15.6	6.9	5.7	3.0	-	1.0	_	-	12.4
geophysical) services Computer systems design services Computer facilities management	8.6	_	_ 8.6	9.7	-	-	_	_	_	_
services Other computer related services Management, scientific, and technical	_	-			-	_	_			
consulting services Management consulting services Environmental consulting services Scientific research and development	40.4 37.0 -	28.7 32.6 -	- - -	8.1 5.4 —	8.8 6.5 –	- - -	- - -	_ _ _	- - -	10.3 15.2 –
Scientific research and development services	19.5 20.8	11.5 16.4	6.0 2.4	4.5 3.4	2.5 2.9	-	1.5 -			28.0 3.9

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Other professional, scientific, and technical services Marketing research and public opinion	5419	3,890	11.3	6.7	_	3.6	8.2	7.5	_
polling Photographic services	54191 54192	40 650	- -	-	_ _	-	_ 44.6	_ _	_ _
Veterinary services All other professional, scientific, and technical services	54194 54199	2,730 480	15.4 -	9.2	-	5.1 -	-	- 45.8	_
Management of companies and enterprises	55	9,510	23.4	10.9	8.5	2.8	8.7	14.2	4.0
Administrative and support and waste management and remediation services	56	58,080	28.6	14.2	7.3	4.6	9.3	12.8	3.4
Administrative and support services Office administrative services	561 5611	49,090 1,300	28.3 21.5	14.4 13.8	7.3	4.3	9.7 4.6	14.0 30.0	3.5
Facilities support services Employment services	5612	2,080 6,680	29.3 28.4	13.9 13.5	8.7 6.7	5.8 6.6	6.2 5.7	17.8 14.8	3.8 2.4
Temporary help services Business support services	56132	3,800 2,970	31.6 16.5	17.1	3.4 5.4	8.7 1.3	4.2 10.1	13.7	2.6 2.7
Telephone call centers Collection agencies	56142	1,350 540	12.6 20.4	7.4 3.7	4.4 9.3	- 5.6	9.6 20.4	27.4 27.8	3.0
Credit bureaus Other business support services Travel arrangement and reservation	56145 56149	60 430	50.0 —	50.0 —		-		_ 25.6	
services Travel agencies	5615 56151	560 70	17.9 42.9	10.7 42.9	7.1 -	-	7.1 -	21.4 28.6	
Tour operators Other travel arrangement and	56152 56159	40 440	-	-	9.1	_	- 9.1	-	_
reservation services Investigation and security services Investigation, guard, and armored car	56159	5,670	15.9 16.2	6.8 6.0	7.8	1.8	9.1 14.1	20.5 22.0	4.4
services Investigation services	56161 561611	4,510 150	15.3 13.3	6.2	6.2 13.3	2.0	10.9	23.9 20.0	4.9
Security guards and patrol services Armored car services Security systems services	561612 561613 56162	3,910 460 1,160	12.3 41.3 19.8	6.6 - 5.2	2.8 32.6 13.8	2.0	10.7 15.2 26.7	26.3 - 14.7	5.1
Services to buildings and dwellings Janitorial services	5617 56172	26,890 10,060	32.1 25.8	17.4 12.4	7.7	4.8 2.4	10.9 11.5	10.5	4.0 5.5
Landscaping services Carpet and upholstery cleaning services	56173 56174	11,830 800	44.5	24.6	7.4	8.6	6.9 20.0	6.3 -	2.5
Other support services	5619	2,930	33.4	10.9	7.8	3.1	3.8	7.2	1.7

				Percent of	industry ca	ase total in	volving —			
	Overe	exertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Other professional, scientific, and technical services Marketing research and public opinion	12.1	4.6	_	9.0	4.1	_	43.4	1.8	41.6	4.1
polling	-	-	-	-	_	-	_	-	-	50.0
Photographic services	-	-	-	-	-	-	-	-	-	-
Veterinary services	10.3	5.1	-	4.8	-	-	61.5	-	59.3	4.8
All other professional, scientific, and technical services	_	_	_	45.8	-	-	_	_	_	-
Management of companies and enterprises	21.1	14.2	5.2	2.5	7.9	-	1.5	1.4	_	11.3
Administrative and support and waste management and remediation services	17.1	7.7	2.0	6.8	8.3	0.2	1.7	1.0	.7	9.8
Administrative and support services	16.1	7.4	2.1	7.4	7.2	.1	2.0	1.2	.8	9.5
Office administrative services	11.5	6.2	_	_	6.9	_	_	_	_	20.8
Facilities support services	12.5	5.3	2.9	7.7	2.4	-	5.3	5.3	-	12.0
Employment services	25.0	14.1	2.5	4.9	6.6	-	1.2	.4	.7	8.4
Temporary help services	22.1	12.1	2.4	4.7	8.2	-	2.1	.8	1.3	8.4
Business support services	6.1	3.7	13.8	4.4	9.4	-	4.0	3.7	-	8.4
Telephone call centers	4.4	3.7	21.5	3.7	7.4	-	-	-	-	9.6
Collection agencies	7.4	-	9.3	9.3	3.7	-	-	-	-	3.7
Credit bureaus	-	-	-	-	-	-	-	-	-	-
Other business support services	16.3	-	-	-	-	-	-	-	-	-
Travel arrangement and reservation	16.1			_	10.5	_	_	_	_	10.7
services Travel agencies	16.1	8.9	8.9 28.6		12.5	_	_	_		10.7
Tour operators	_ 50.0	_	20.0	_		_	_	_		_
Other travel arrangement and	50.0									
reservation services	15.9	11.4	9.1	_	15.9	_	_	_	_	11.4
Investigation and security services Investigation, guard, and armored car	6.7	4.4	.7	4.4	15.5	-	6.0	4.8	1.2	10.1
services	6.2	3.5	-	5.5	15.1	_	7.3	6.0	1.6	10.9
Investigation services	13.3	13.3	-	-	33.3	-	-	-	-	-
Security guards and patrol services	5.9	3.3	-	6.1	13.0	-	8.4	6.6	1.8	12.0
Armored car services	8.7	-	-	-	23.9	-	-	-	-	-
Security systems services	8.6	7.8	3.4	-	17.2	-	-	-	-	6.0
Services to buildings and dwellings	15.8	6.7	.8	9.9	6.0	.2	1.2	.2	.9	8.8
Janitorial services	24.0	11.4	1.5	3.1	3.6	-	.4	.3	-	7.9
Landscaping services	11.2	4.2	.4	14.1	3.4	-	1.4	-	1.1	9.2
Carpet and upholstery cleaning services	26.2	-	-	40.0		-	-	-	-	-
Other support services	32.4	8.9	2.4	2.7	3.8	-	-	-	-	11.9

				Perce	ent of indu	stry case to	otal involvi	ng —	
				Contact w	ith objects	i			
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Waste management and remediation									
services	562	9.000	30.2	13.2	7.7	6.3	6.9	6.2	2.9
Waste collection		4,620	28.1	12.3	7.4	6.3	5.2	5.8	2.4
Waste collection		4,620	28.1	12.3	7.4	6.3	5.2	5.8	2.4
Solid waste collection		4,080	28.2	13.0	7.6	6.1	5.4	5.6	2.7
Waste treatment and disposal		2,150	26.0	12.1	7.9	5.1	6.5	8.8	4.2
Waste treatment and disposal		2,150	26.0	12.1	7.9	5.1	6.5	8.8	4.2
Hazardous waste treatment and		,			_	_			
disposal	562211	360	22.2	11.1	5.6	5.6	8.3	8.3	_
Solid waste landfill	562212	1,450	24.8	9.7	9.0	5.5	6.2	9.7	4.8
Other nonhazardous waste treatment									
and disposal	562219	290	31.0	20.7	-	-	6.9	6.9	-
Remediation and other waste management									
services	5629	2,230	38.6	16.1	8.5	7.6	11.2	4.5	2.2
Remediation services	56291	980	37.8	15.3	9.2	2.0	17.3	6.1	2.0
All other waste management services	56299	790	26.6	17.7	6.3	-	5.1	-	-
Education and health services		182,210	13.2	6.9	4.2	1.4	3.5	18.4	3.1
Educational services	61	10,390	17.5	9.4	5.6	1.6	7.9	21.5	6.6
Educational services	611	10,390	17.5	9.4	5.6	1.6	7.9	21.5	6.6
Elementary and secondary schools	6111	3,760	15.7	8.5	5.3	1.6	6.4	28.5	3.7
Junior colleges	6112	220	18.2	9.1	9.1	-	-	31.8	9.1
Colleges, universities, and professional									
schools	6113	4,850	21.6	11.1	6.8	2.1	9.9	17.5	4.7
Business schools and computer and									
management training Professional and management	6114	80	-	-	-	-	37.5	25.0	-
development training		60	-	-	-	-	50.0	-	-
Technical and trade schools		460	-	-	-	-	-	-	65.2
Other schools and instruction		590	15.3	11.9	-	-	-	15.3	-
Fine arts schools		40	-	-	-	-	-	-	-
Sports and recreation instruction	61162	200	-	-	-	-	-	-	-
All other schools and instruction	61169	350	-	-	-	-	-	-	-
Educational support services	6117	420	-	-	-	-	-	26.2	-
Health care and social assistance	62	171,820	13.0	6.7	4.1	1.4	3.3	18.2	2.9
Ambulatory health care services	621	31,700	10.7	5.7	3.0	.9	4.0	16.8	2.0
Offices of physicians		6,550	15.3	10.4	2.9	.3	2.1	14.5	1.5
Offices of physicians	62111	6,550	15.3	10.4	2.9	.3	2.1	14.5	1.5
Offices of physicians (except mental									
health specialists)	621111	6,440	15.2	10.2	3.0	.3	2.2	14.0	1.4

			1	Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Waste management and remediation										
services	22.0	9.8	1.1	3.7	14.4	0.6	0.3	0.2	_	11.6
Waste collection	22.0	10.4	.6	3.0	18.0	- 0.0	.4	- 0.2		11.7
				3.0		_	.4	_		
Waste collection	23.6	10.4	.6		18.0	_	.4	_		11.7
Solid waste collection	22.5	11.3	.7	2.9	17.6		-			12.5
Waste treatment and disposal	19.5	8.8	2.3	5.1	10.2	-	-	-	-	16.7
Waste treatment and disposal	19.5	8.8	2.3	5.1	10.2	-	-	-	-	16.7
Hazardous waste treatment and	07.0									
disposal	27.8	11.1	8.3	-	8.3	-	-	-	-	11.1
Solid waste landfill	16.6	8.3	1.4	4.8	11.7	-	-	-	-	18.6
Other nonhazardous waste treatment										
and disposal	20.7	10.3	-	6.9	6.9	-	-	-	-	13.8
Remediation and other waste management										
services	21.1	9.0	-	3.6	11.2	-	-	-	-	6.3
Remediation services	18.4	10.2	-	5.1	4.1	-	-		-	8.2
All other waste management services	29.1	8.9	-	3.8	25.3	-	-	-	-	3.8
Education and health services	34.8	15.8	2.1	5.5	3.4	.1	6.0	5.7	0.3	9.8
Educational services	15.6	8.2	2.0	5.5	2.3	.2	7.9	7.4	.6	12.9
Educational services	15.6	8.2	2.0	5.5	2.3	.2	7.9	7.4	.6	12.9
Elementary and secondary schools	10.4	3.5	.5	2.4	1.6	.2	18.4	17.8	.5	12.3
	18.2	9.1	.5	2.4	- 1.0	_	- 10.4	- 17.0	.5	13.6
Junior colleges Colleges, universities, and professional	-		_	_					_	
schools	21.6	12.2	3.9	5.6	3.3	-	1.4	.6	.6	10.5
Business schools and computer and										
management training Professional and management	-	-	-	-	-	_	_	-	_	-
development training	-	-	-	-	-	-	-	-	-	-
Technical and trade schools	-	-	-	-	-	-	-	-	-	-
Other schools and instruction	-	-	-	11.9	-	-	-	-	-	49.2
Fine arts schools	-	-	-	-	-	-	-	-	-	-
Sports and recreation instruction	-	-	-	-	-	-	-	-	-	50.0
All other schools and instruction	-	-	-	-	-	-	-	-	-	54.3
Educational support services	14.3	11.9	-	33.3	-	-	11.9	11.9	-	-
Health care and social assistance	35.9	16.2	2.1	5.6	3.5	.1	5.9	5.6	.3	9.6
A sub-datawa ha althe a sub-a sub-data	00.5	440							_	44-
Ambulatory health care services	29.5	14.9	3.6	9.2	9.7	.1	2.8	2.3	.5	11.7
Offices of physicians	21.4	9.9	4.6	15.4	.8	-	2.1	2.1	-	22.3
Offices of physicians	21.4	9.9	4.6	15.4	.8	-	2.1	2.1	-	22.3
Offices of physicians (except mental health specialists)	21.7	10.1	4.7	15.7	.6	_	1.7	1.7	_	22.7

				Perce	ent of indu	stry case to	otal involvii	ng —	
				Contact w	vith objects	i			
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Offices of physicians, mental health									
specialists	621112	110	18.2	18.2	_	_	_	45.5	_
Offices of dentists		2,180	26.1		15.6	_	_	34.4	_
Offices of other health practitioners		700		_		_	_	32.9	_
Outpatient care centers		4,280	11.0	8.9	.9	0.7	8.6	22.0	1.9
Medical and diagnostic laboratories		910	12.1	2.2	6.6	2.2	5.5	19.8	
Home health care services		11,370	7.6	4.9	2.1	.2	4.8	14.5	2.2
Other ambulatory health care services		5,700	6.3	2.5	1.8	1.6	2.6	11.2	1.4
Ambulance services		4,730	5.9	1.9	1.0	1.5	2.0	11.0	1.5
All other ambulatory health care	02191	4,750	5.9	1.9	1.7	1.5	2.5	11.0	1.5
services	62199	970	8.2	5.2	2.1		4.1	12.4	2.1
Hospitals		60,720	14.1	7.3	4.4	1.8	2.7	16.9	3.1
General medical and surgical hospitals	-	56,850	14.1	7.3	4.4	1.8	2.7	17.0	3.1
Psychiatric and substance abuse hospitals	6222	1,840	14.3	7.5	2.7	- 1.0	3.3	14.1	2.7
	0222	1,040	10.9	1.1	2.1	_	3.3	14.1	2.1
Specialty (except psychiatric and	6223	2,030	12.3	7.4	2.5	1.5	2.0	15.3	3.4
substance abuse) hospitals					-				-
Nursing and residential care facilities		60,030	12.8	6.9	3.9	1.5	2.6	18.2	3.0
Nursing care facilities	. 6231	37,870	13.0	6.8	3.9	1.8	1.6	18.1	2.9
Residential mental retardation, mental	0000	7 0 4 0	10.1			-	F 0	470	2.0
health and substance abuse facilities		7,640	10.1	6.4	2.2	.7	5.8	17.0	3.0
Community care facilities for the elderly	6233	10,940	13.2	6.9	4.5	1.3	2.4	19.7	3.0
Other residential care facilities		3,570	14.8	9.5	4.8	-	6.7	17.1	3.6
Social assistance		19,380	13.7	5.9	5.7	.8	5.8	24.2	3.7
Individual and family services		9,030	11.8	6.4	3.0	.6	6.3	21.0	2.7
Child and youth services		1,090	21.1	2.8	4.6	-	2.8	22.9	1.8
Services for the elderly and persons with						_			
disabilities		6,450	9.3	5.3	3.1	.6	5.9	20.9	3.1
Other individual and family services	62419	1,500	16.0	13.3	2.0	-	10.7	19.3	1.3
Community food and housing, and									
emergency and other relief services		1,500	12.7	8.0	4.0	-	9.3	25.3	10.7
Community food services		260	19.2	11.5	-	-	-	19.2	-
Community housing services		780	16.7	9.0	5.1	-	6.4	10.3	19.2
Emergency and other relief services		470	-	-	-	-	19.1	53.2	-
Vocational rehabilitation services		4,700	21.3	6.6	11.3	1.9	4.3	23.2	2.6
Child day care services	. 6244	4,150	9.9	3.1	6.0	-	5.3	31.8	4.8
Leisure and hospitality		96,910	29.7	15.7	9.2	3.3	4.4	21.4	4.6
Arts, entertainment, and recreation	. 71	14,980	27.8	14.1	7.6	4.2	6.0	14.0	3.8
Performing arts, spectator sports, and related									
industries		3,600	25.6	12.5	9.2	1.7	6.1	8.3	2.2
Performing arts companies		780	25.6	11.5	9.0	2.6	5.1	9.0	2.6
Spectator sports	7112	1,950	28.7	13.8	10.3	1.0	5.1	7.2	2.1

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Offices of physicians, mental health										
specialists	_	_	_	_	_	_	27.3	27.3	_	_
Offices of dentists	_	_	7.8	14.7	_	_			_	10.1
Offices of other health practitioners	25.7	11.4	-	_	15.7	_	17.1	17.1	_	_
Outpatient care centers	21.5	11.4	9.1	2.8	4.0	_	4.2	2.8	1.4	15.0
Medical and diagnostic laboratories	17.6	6.6	6.6	3.3	27.5	_	2.2	2.2		4.4
Home health care services	32.4	13.5	.4	12.1	15.8	_	2.9	2.0	.9	7.0
Other ambulatory health care services	52.1	33.2	3.0	.9	12.1	_	1.8	1.8	0	8.8
Ambulance services	57.5	37.0	- 0.0	5	11.8	_	1.7	1.0	_	8.0
All other ambulatory health care	57.5	37.0	-	_	11.0	_	1.7	1.7	_	0.0
Services	25.8	14.4	16.5	3.1	13.4		_	_	_	12.4
Hospitals	23.8 39.6	16.7	2.5	5.1	1.0	(10)	4.8	4.7	.1	10.1
General medical and surgical hospitals	40.3	17.2	2.5	5.2	1.0	()	3.8	3.7		10.1
	40.3	7.6	-	3.3	2.2	_	34.8	34.2	.1	9.8
Psychiatric and substance abuse hospitals	16.5	7.0	-	3.3	2.2	_	34.0	34.2	_	9.0
Specialty (except psychiatric and	40.9	10.0	0.5	5.0	10	_				40.0
substance abuse) hospitals		12.8	2.5	5.9	1.0		4.4	4.4	-	12.3
Nursing and residential care facilities	39.8	18.2	1.0	3.9	1.9	.1	8.2	7.9	.3	8.3
Nursing care facilities	45.4	20.0	1.0	3.6	.4	.1	5.3	5.0	.3	8.5
Residential mental retardation, mental	o 1 7	100					40.0	10 5		
health and substance abuse facilities	24.7	12.8	.4	3.7	9.6	-	19.2	18.5	.8	6.5
Community care facilities for the elderly	40.6	20.5	1.5	5.3	1.3	-	4.7	4.4	.3	8.5
Other residential care facilities	11.5	3.9	1.7	3.1	4.8	.6	26.9	26.9	-	9.0
Social assistance	22.9	10.8	1.9	6.0	6.0	-	7.1	6.8	.3	8.6
Individual and family services	27.5	9.7	1.9	2.7	8.7	-	10.3	9.9	.4	7.0
Child and youth services	31.2	8.3	-	1.8	3.7	-	9.2	9.2	-	3.7
Services for the elderly and persons with										
disabilities	29.0	11.0	1.9	2.9	7.6	-	11.6	11.0	.6	7.8
Other individual and family services	18.0	5.3	2.7	2.7	16.7	-	5.3	5.3	-	6.7
Community food and housing, and										
emergency and other relief services	14.7	8.0	-	11.3	6.7	-	5.3	5.3	-	3.3
Community food services	46.2	15.4	-	-	7.7	-	-	-	-	-
Community housing services	6.4	3.8	-	20.5	6.4	-	10.3	9.0	-	3.8
Emergency and other relief services	10.6	10.6	-	-	8.5	-	-	-	-	-
Vocational rehabilitation services	19.1	12.3	1.9	7.9	4.7	-	5.5	5.5	-	9.6
Child day care services	20.2	12.3	2.2	9.4	1.2	-	2.7	2.7	-	12.5
Leisure and hospitality	15.4	9.1	1.8	10.0	2.6	.2	1.7	1.4	.4	8.2
Arts, entertainment, and recreation	18.4	9.1	2.0	5.2	4.3	.5	2.0	1.1	.8	16.2
Performing arts, spectator sports, and related										
industries	20.0	6.9	2.2	2.2	1.1	_	2.2	.8	1.4	29.4
Performing arts companies	12.8	9.0	3.8		_	_				37.2
Spectator sports	16.9	1.5	2.1	3.1	_	_	3.6	1.0	2.6	30.8
-1							0.0			

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Spectator sports	71121	1,950	28.7	13.8	10.3	1.0	5.1	7.2	2.1
Sports teams and clubs		1,320	28.8	12.9	10.6		_	5.3	1.5
Racetracks		370	24.3	13.5	10.8	_	8.1	16.2	1.5
Other spectator sports		260	34.6	19.2	11.5	_	23.1		_
Promoters of performing arts, sports, and	111213	200	54.0	15.2	11.5	_	25.1	_	_
similar events	7113	450	17.8	11.1	4.4		8.9	8.9	4.4
	1113	450	17.0	11.1	4.4	_	0.9	0.9	4.4
Agents and managers for artists, athletes,	7114	00							
entertainers, and other public figures	7114	20	-	_	-	-	_	_	-
Independent artists, writers, and									
performers	7115	410	19.5	-	-	-	12.2	12.2	-
Museums, historical sites, and similar									
institutions	712	1,200	21.7	10.0	8.3	3.3	14.2	20.0	5.8
Amusement, gambling, and recreation									
industries	713	10,180	29.3	15.2	7.0	5.2	5.0	15.2	4.1
Amusement parks and arcades	7131	1.740	22.4	7.5	6.9	6.9	5.2	12.6	2.9
Amusement and theme parks	71311	1,670	22.2	7.2	6.6	6.6	5.4	12.0	3.0
Gambling industries	7132	1,430	24.5	11.9	8.4	2.1	3.5	17.5	5.6
Other amusement and recreation		.,							
industries	7139	7,010	32.1	17.8	6.7	5.6	5.3	15.5	4.1
Golf courses and country clubs	71391	3,510	29.3	15.1	5.1	6.8	4.8	13.4	3.7
Skiing facilities	71392	610	21.3	13.1	4.9		3.3	37.7	4.9
Marinas	71393	490	51.0	34.7	12.2	6.1	6.1		
Fitness and recreational sports centers	71393	1,670	34.1	16.8	9.6	5.4	5.4	18.0	2.4
•	71394	230	43.5	30.4	9.0	5.4	5.4	10.0	2.4
Bowling centers	71395	230	43.5	30.4	_	_	_	_	_
All other amusement and recreation	74000	500	24.0	00.0		4.0	4.0	10.0	110
industries	71399	500	34.0	26.0	-	4.0	4.0	12.0	14.0
Accommodation and food services	72	81,930	30.1	16.0	9.5	3.1	4.1	22.8	4.7
Accommodation	721	21,630	26.4	13.4	9.5	2.3	6.1	21.9	4.5
Traveler accommodation	721	21,630	26.4	13.4	9.5	2.3	5.0	21.9	4.5 4.7
		,							
Hotels (except casino hotels) and motels	72111	18,110	26.6	13.7	9.8	1.9	5.0	21.8	4.6
Casino hotels	72112	2,590	26.3	11.2	10.0	4.2	4.2	23.9	5.8
Other traveler accommodation Rv (recreational vehicle) parks and	72119	140	57.1	35.7	-	-	-	-	-
recreational camps Rv (recreational vehicle) parks and	7212	690	15.9	4.3	-	5.8	40.6	13.0	-
recreational camps Rv (recreational vehicle) parks and	72121	690	15.9	4.3	-	5.8	40.6	13.0	-
campgrounds Recreational and vacation camps	721211	240	29.2	-	-	16.7	-	25.0	-
(except campgrounds)	721214	450	6.7	6.7	-	_	57.8	_	-
Rooming and boarding houses	7213	100	-	-	-		-	70.0	
Food services and drinking places	722	60,300	31.4	16.9	9.6	3.5	3.3	23.1	4.8

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assault	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Spectator sports	16.9	1.5	2.1	3.1	_	_	3.6	1.0	2.6	30.8
Sports teams and clubs	19.7		2.3	3.0	_	_	-			38.6
Racetracks	13.5	5.4	2.0	5.4	_	_	8.1	_	8.1	13.5
Other spectator sports	7.7		_				11.5	_		15.4
	1.1	-	_	_	_	_	11.5	_	_	15.4
Promoters of performing arts, sports, and	40.7	00.7								
similar events	46.7	26.7	-	-	-	_	_	-	-	4.4
Agents and managers for artists, athletes,										
entertainers, and other public figures	-	-	-	-	-	-	-	-	-	-
Independent artists, writers, and										
performers	19.5	-	-	-	-	-	-	-		34.1
Museums, historical sites, and similar										
institutions	15.8	9.2	1.7	6.7	1.7	-	-	_	-	11.7
Amusement, gambling, and recreation				_						
industries	18.1	9.8	2.0	6.1	5.8	0.6	2.0	1.5	.6	11.9
Amusement parks and arcades	22.4	15.5	3.4	6.9	1.1	- 0.0	4.0	1.7	2.3	19.0
	22.4	16.2	3.4	7.2	1.1	_	4.0	1.7	2.3	19.0
Amusement and theme parks	_	-						-		-
Gambling industries	21.7	12.6	4.9	5.6	2.1	-	2.8	2.8	-	13.3
Other amusement and recreation										
industries	16.3	7.8	1.0	6.0	7.7	.9	1.3	1.0	.3	9.8
Golf courses and country clubs	19.7	9.1	1.1	6.3	10.3	-	-	-	-	11.1
Skiing facilities	8.2	3.3	-	-	4.9	3.3	-	-	-	11.5
Marinas	6.1	-	-	8.2	8.2	6.1	-	-	-	6.1
Fitness and recreational sports centers	19.2	10.2	1.2	6.0	4.8	-	1.2	-	-	7.8
Bowling centers	_	-	_	_		_	26.1	26.1	_	_
All other amusement and recreation										
industries	8.0	6.0	_	8.0	6.0	_	_	_	_	12.0
	0.0	0.0		0.0	0.0					12.0
Accommodation and food services	14.9	9.1	1.8	10.8	2.3	.1	1.7	1.4	.3	6.7
Accommodation	20.2	10 5	10	F 0	1 10	4	1 0	4.4		10.0
Accommodation	20.3	10.5	1.2	5.0	1.9	.1	1.8	1.1	.7	10.8
Traveler accommodation	20.7	10.8	1.2	5.1	1.9	.1	1.8	1.1	.7	10.7
Hotels (except casino hotels) and motels	20.7	10.9	1.3	5.1	1.9	.1	1.8	1.0	.8	11.2
Casino hotels	21.2	10.8	1.2	5.0	2.3	-	1.9	1.9	-	8.1
Other traveler accommodation	-	-	-	-	-	-	-	-		-
Rv (recreational vehicle) parks and										
recreational camps	10.1	2.9	-	-	-	-	-	-	-	14.5
Rv (recreational vehicle) parks and										
recreational camps	10.1	2.9	_	-	_		_	-		14.5
Rv (recreational vehicle) parks and										
campgrounds	_	_	_	_		_	_	_	_	25.0
Recreational and vacation camps										
(except campgrounds)	11.1	.	_				_			6.7
Rooming and boarding houses	-	-	_	-	_	_	-	-	-	0.7
BOODING AND NOALOING DOUSES		I –			2.4	-		1.5		
Food services and drinking places	12.9	8.6	2.0	12.9		.1	1.7		.2	5.2

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Full-service restaurants Limited-service eating places Limited-service eating places Limited-service restaurants Cafeterias Special food services Drinking places (alcoholic beverages) Other services	7221 7222 72221 722211 722212 7223 7223	24,900 29,750 29,750 25,080 550 4,670 980 27,640	36.0 26.9 26.9 24.9 32.7 29.1 66.3 28.9	20.8 13.1 13.1 12.1 25.5 20.1 19.4 16.9	10.1 9.6 9.7 - 4.7 17.3 5.8	2.8 3.2 3.2 2.2 3.6 3.0 - 3.3	2.0 4.3 4.3 4.6 - 3.6 - 4.2	23.1 23.7 23.7 26.6 20.0 22.9 - 13.2	4.2 5.8 5.8 6.6 - 2.6 - 2.6
Other services, except public administration	81	27,640	28.9	16.9	5.8	3.3	4.2	13.2	2.6
Repair and maintenance Automotive repair and maintenance Electronic and precision equipment repair	811 8111	13,050 8,200	37.9 45.1	23.4 30.4	6.3 6.7	3.7 4.3	2.8 3.0	10.1 9.6	1.2 .9
and maintenance	8112	830	8.4	4.8	-	-	_	12.0	3.6

				Percent of	industry ca	ase total in	volving —			
	Overe	xertion		Expo-			Assaul	ts and viol	ent acts	
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵
Full-service restaurants Limited-service eating places Limited-service eating places Limited-service restaurants Cafeterias Special food services Drinking places (alcoholic beverages)	15.3 10.4 10.4 8.3 14.5 16.5 13.3	8.5 8.3 6.0 7.3 11.1 11.2	0.8 3.3 2.6 - 1.3 -	10.5 14.8 14.8 13.7 21.8 16.7 -	0.4 4.3 5.1 - 1.5 -	0.2 	1.6 2.0 2.3 - -	1.5 1.6 1.6 2.0 – –	- 0.3 .3 .4 - -	6.0 4.6 5.3 7.3 5.4
Other services	24.4	11.7	2.8	4.1	5.0	-	2.3	1.2	1.1	12.4
Other services, except public administration Repair and maintenance Automotive repair and maintenance	24.4 24.0 19.6	11.7 11.4 10.2	2.8 1.4 1.2	4.1 3.1 3.3	5.0 5.4 2.2	- - -	2.3 .9 1.2	1.2 .8 1.2	1.1 _ _	12.4 13.2 13.8
Electronic and precision equipment repair and maintenance	14.5	7.2	_	_	51.8	_	_	_	-	7.2

				Perce	ent of indu	stry case to	otal involvir	ng —	
				Contact w	ith objects				
Industry ³	NAICS code ⁴	Total cases	Total	Struck by object	Struck against object	Caught in or com- pressed or crushed	Fall to lower level	Fall on same level	Slips or trips without fall
Commercial and industrial machinery and equipment (except automotive and									
electronic) repair and maintenance Personal and household goods repair and	8113	3,330	33.3	15.0	6.9	3.9	2.1	5.7	1.8
maintenance	8114	690	10.1	4.3	5.8	_	2.9	34.8	_
Personal and laundry services	812	8,480	23.9	10.7	6.7	4.2	3.2	9.8	3.4
Personal care services	8121	1,190	42.0	19.3	12.6	-	-	14.3	4.2
Death care services	8122	1,490	16.1	8.1		3.4	6.7	4.0	5.4
Drycleaning and laundry services Other personal services	8123 8129	4,160 1,640	25.0 15.2	10.6 6.7	6.7 7.9	4.6	2.6 3.0	8.2 16.5	2.2 3.7
Pet care (except veterinary) services	81291	600	15.2		13.3	_	- 5.0	26.7	
Photofinishing	81292	70	42.9	28.6	-	_	_		_
Parking lots and garages	81293	750	16.0	9.3	5.3	-	-	10.7	2.7
All other personal services Religious, grantmaking, civic, professional,	81299	220	-	-	-	-	-	9.1	-
and similar organizations	813	6,110	16.7	11.8	3.4	1.0	8.8	24.4	4.3

				Percent of	industry ca	ase total in	Percent of industry case total involving —												
	Overe	xertion		Expo-			Assault	ts and viol	ent acts										
Industry ³	Total	In lifting	Repeti- tive motion	sure to harmful sub- stance or environ- ment	Trans- portation acci- dents	Fires and explo- sions	Total	By person	All other assaults	All other events ⁵									
Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	37.5	13.8	2.1	3.9	2.1	_	_	_	_	11.4									
Personal and household goods repair and maintenance	20.3	18.8	_	_	2.9	_	_	_	-	23.2									
Personal and laundry services	28.4	10.8	4.7	5.5	4.5	-	4.2	1.5	2.7	12.1									
Personal care services	3.4	-	11.8	-	-	-	-	-	-	22.7									
Death care services	53.7	10.7 14.7	- 5.8	10.3	2.2	-	-	_	-	5.4									
Drycleaning and laundry services Other personal services	32.9 11.6	7.3	5.6 1.2	10.3	15.2	_	17.7	4.3	13.4	10.6 14.0									
Pet care (except veterinary) services		7.5	1.2	1.0	- 10.2	_	35.0	4.5	35.0	- 14.0									
Photofinishing	_	_	_	_	_	_		_		28.6									
Parking lots and garages	13.3	8.0	_	2.7	21.3	_	10.7	9.3	_	22.7									
All other personal services	13.6	_	_		40.9	_	_	_	-	9.1									
Religious, grantmaking, civic, professional,										-									
and similar organizations	20.0	13.4	2.9	3.9	4.9	-	2.6	1.3	1.3	11.3									

¹ Days-away-from-work cases include those that resulted in days away from work, some of which also included job transfer or restriction.

² Data shown in columns correspond to the following Event codes: Contact with objects, Total = 00-09; Struck by object = 020-029; Struck against object = 010-019; Caught in or compressed or crushed = 030-049; Fall to lower level = 110-119; Fall on same level = 130-139; Slips or trips without fall = 215; Overexertion, Total = 220-229; In lifting = 221; Repetitive motion = 230-239; Exposure to harmful substance or environment = 30-39; Transportation accidents = 40-49; Fires and explosions = 50-52; Assaults and violent acts, Total = 60-63; By person = 61; All other assaults = 60, 62, and 63; All other events = all remaining codes, including 9999 (Nonclassifiable). These codes are based on the 1992 Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

- ³ Totals include data for industries not shown separately.
- ⁴ North American Industry Classification System United States, 2002
- ⁵ Includes nonclassifiable responses.
- ⁶ Excludes farms with fewer than 11 employees.

⁷ Data for Mining (Sector 21 in the North American Industry Classification System-- United States, 2002) include establishments not governed by the Mine Safety and Health Administration rules and reporting, such as those in Oil and Gas Extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates in other industries.

⁸ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates in other industries.

⁹ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

¹⁰ Data too small to be displayed.

NOTE: Dash indicates data do not meet publication guidelines. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies