

# Potential Serious Incidents (PSIs) Reporting

Report current as of:  
**19Aug2021**

PSIs from January 1 to December 31, 2020

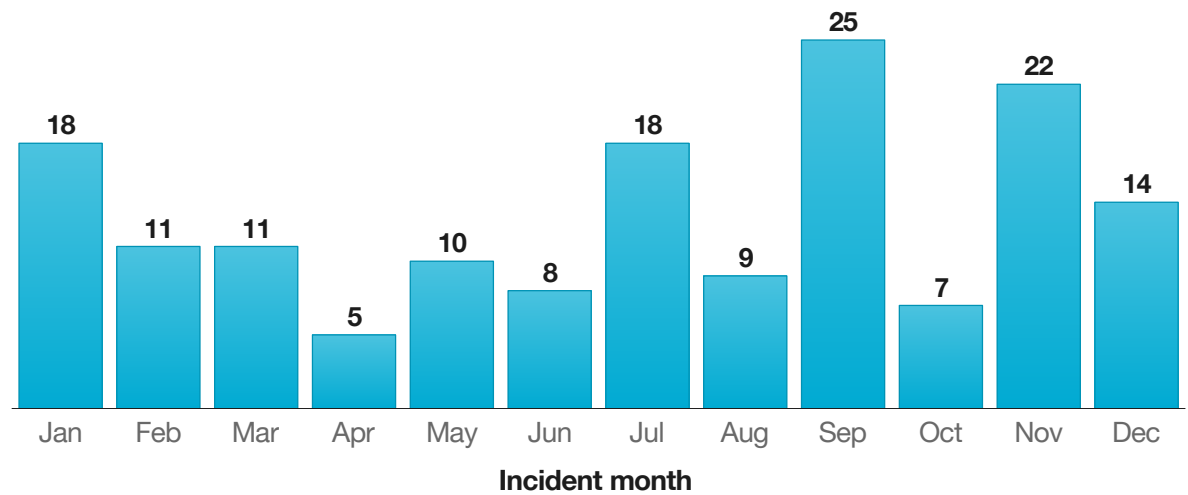
WCB  
Sector:

## Construction and construction trade services

Total PSIs reported

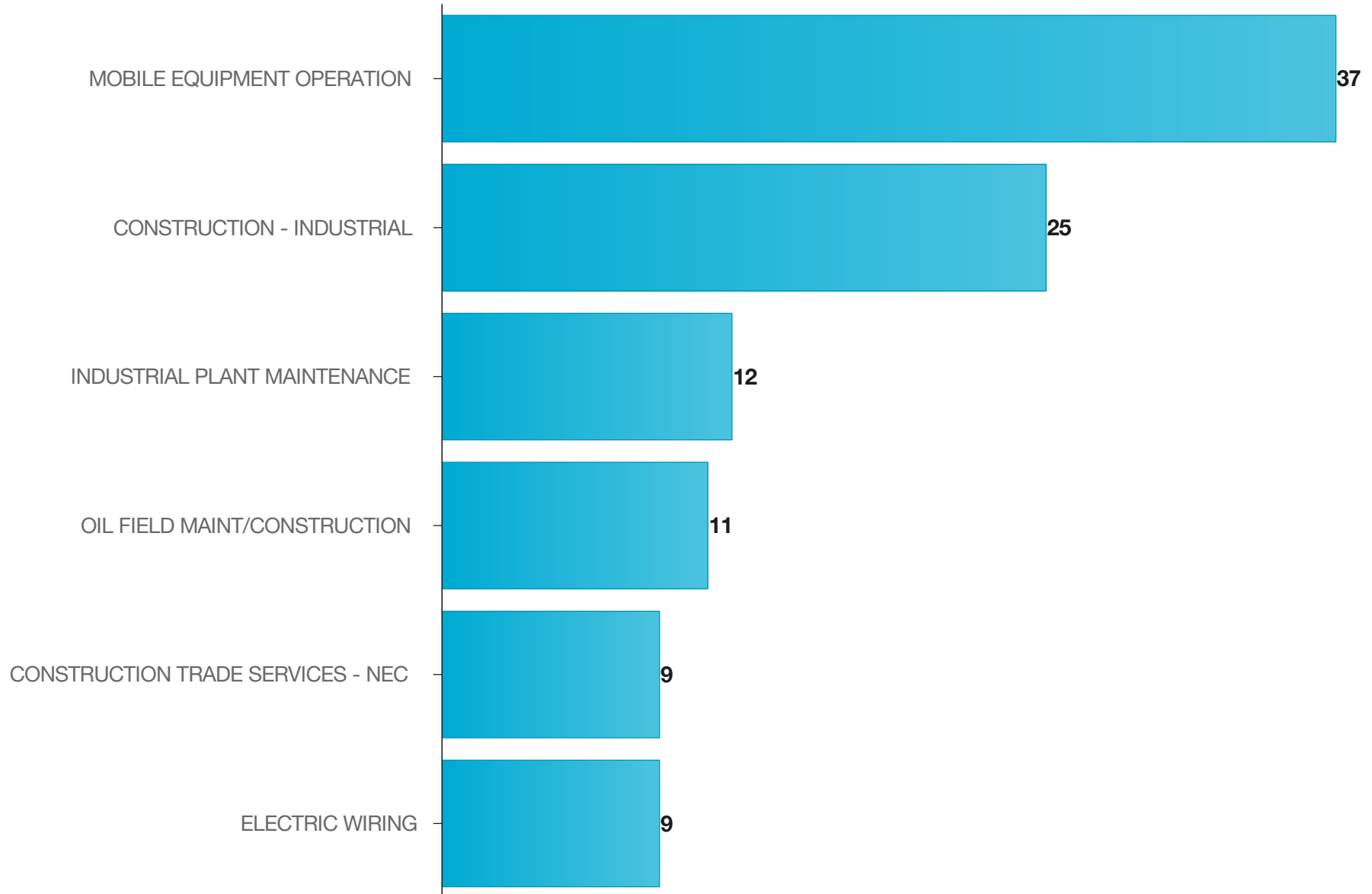
**158**

Number of PSIs reported by date of incident



# Industries

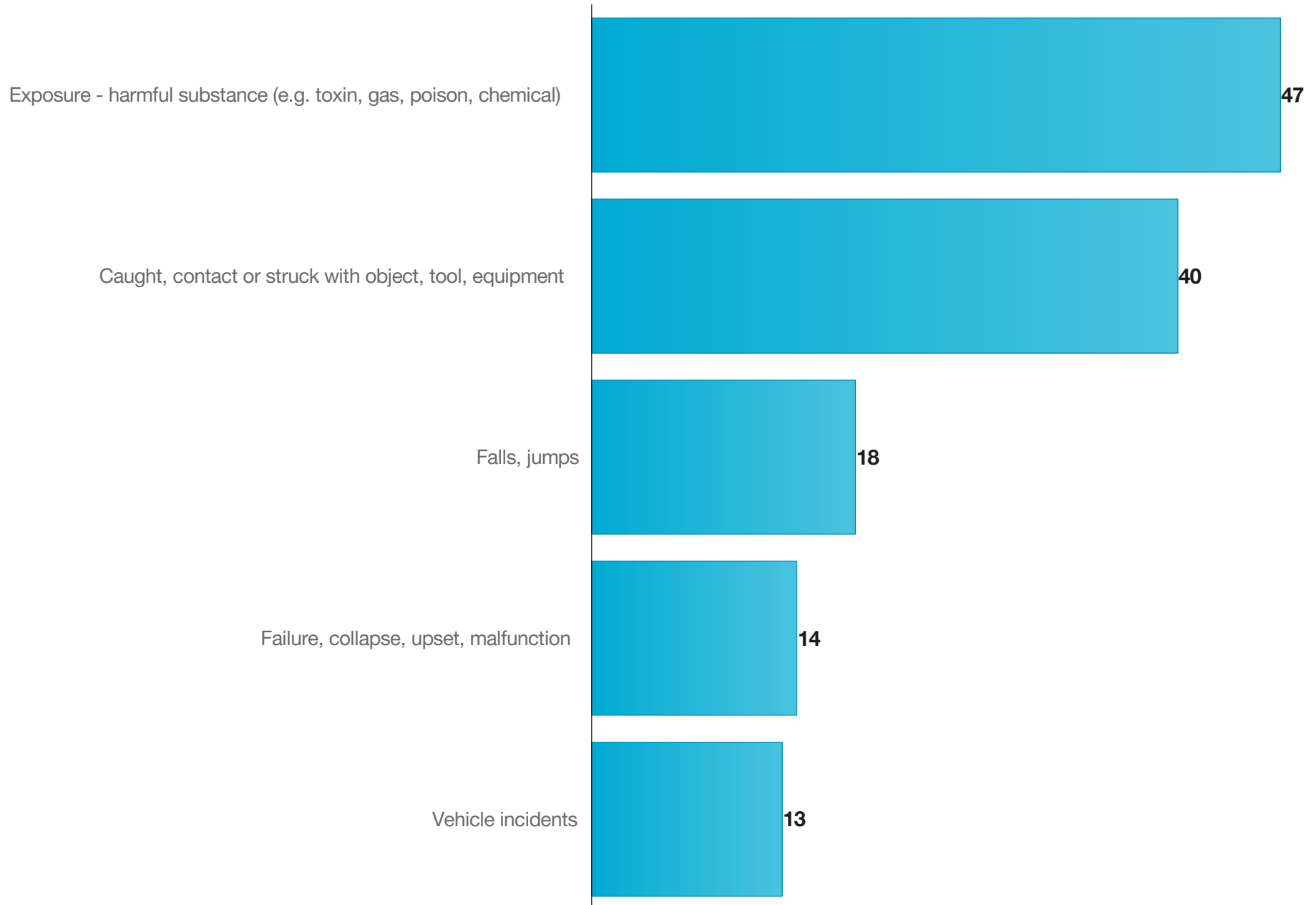
## Top five industries with PSIs



*Note: Total may not represent all PSIs reported. For some PSIs the WCB industry was not applicable.*

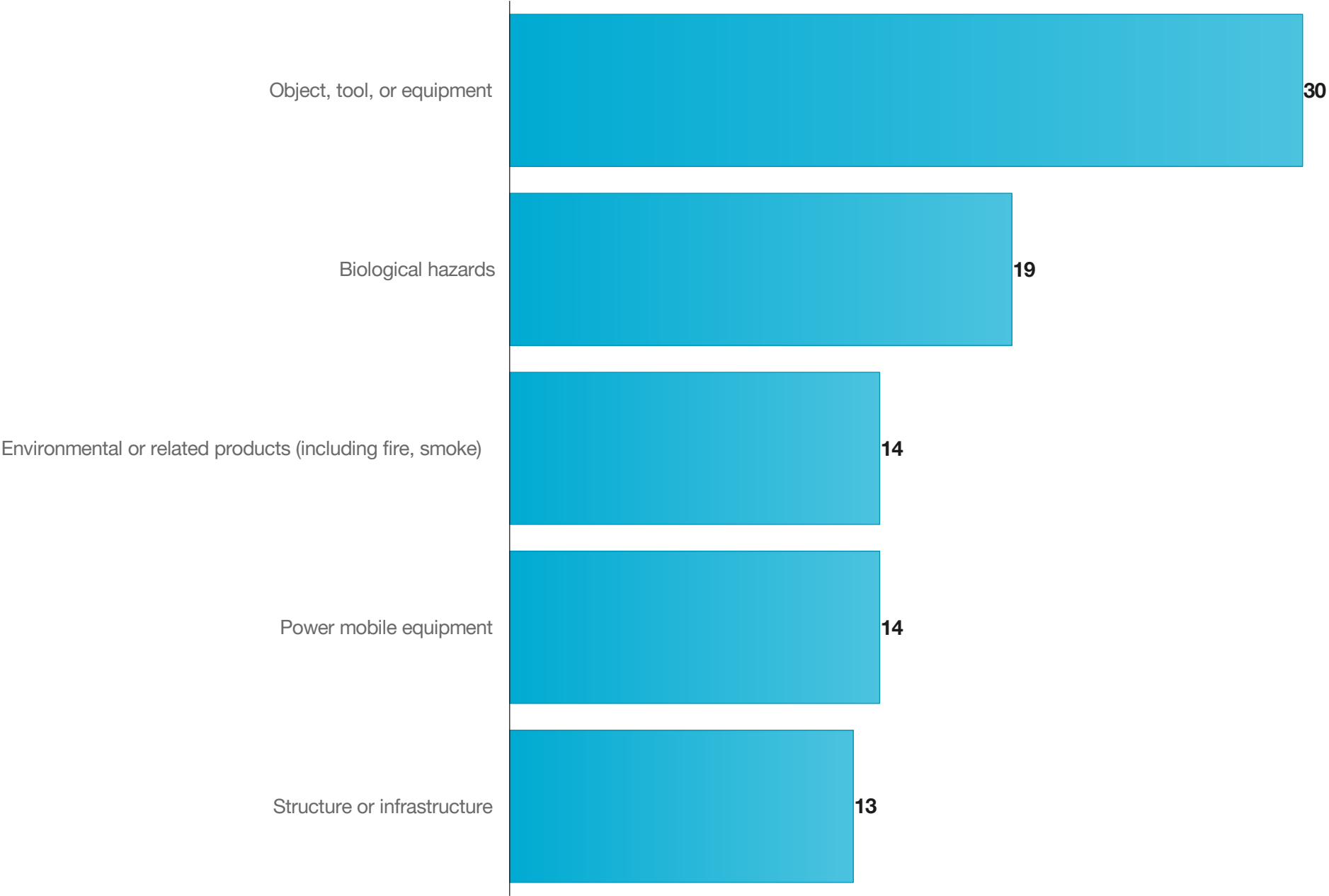
## Type of PSI (Overview)

### Top five types of PSIs



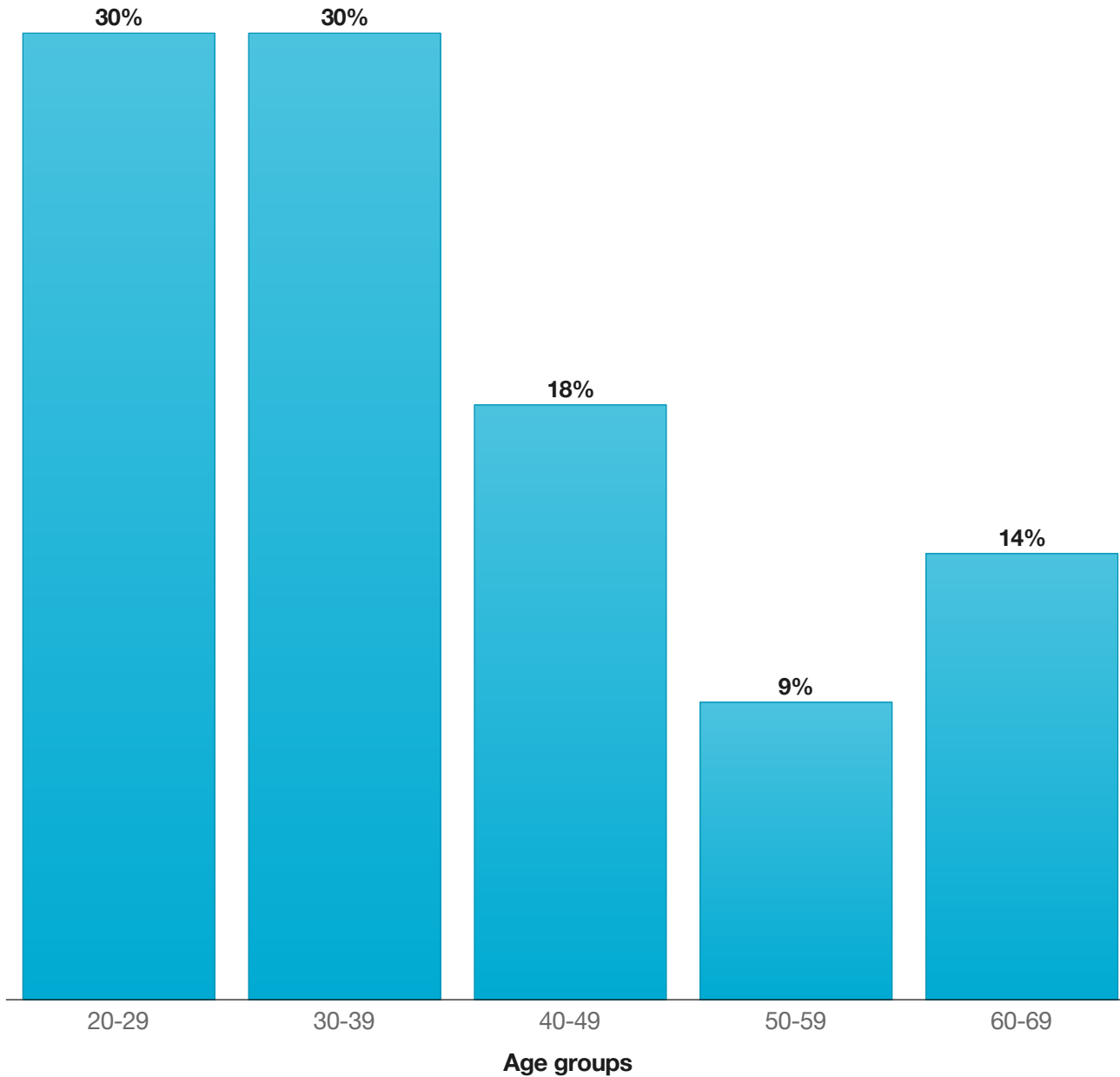
Source of PSI (Overview)

Top five sources of PSIs



# Injured Person (Overview)

Age distribution of injured persons



Number of injured persons

**44**

Number of injured workers and non-workers

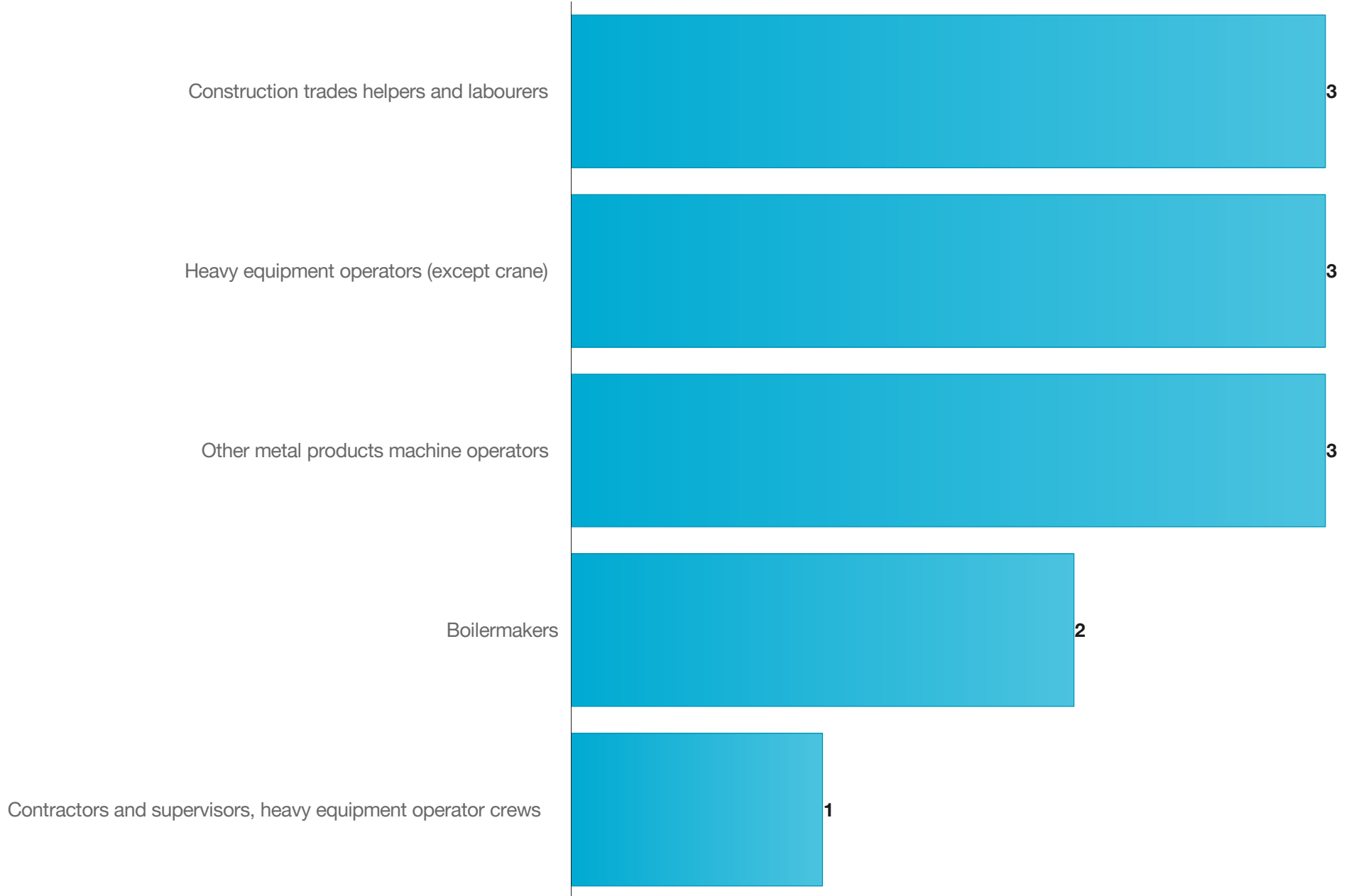
Non-workers	1
Workers	43

PSIs with injuries  
**25%**

Note: The remainder of incidents are what some may consider "near misses".

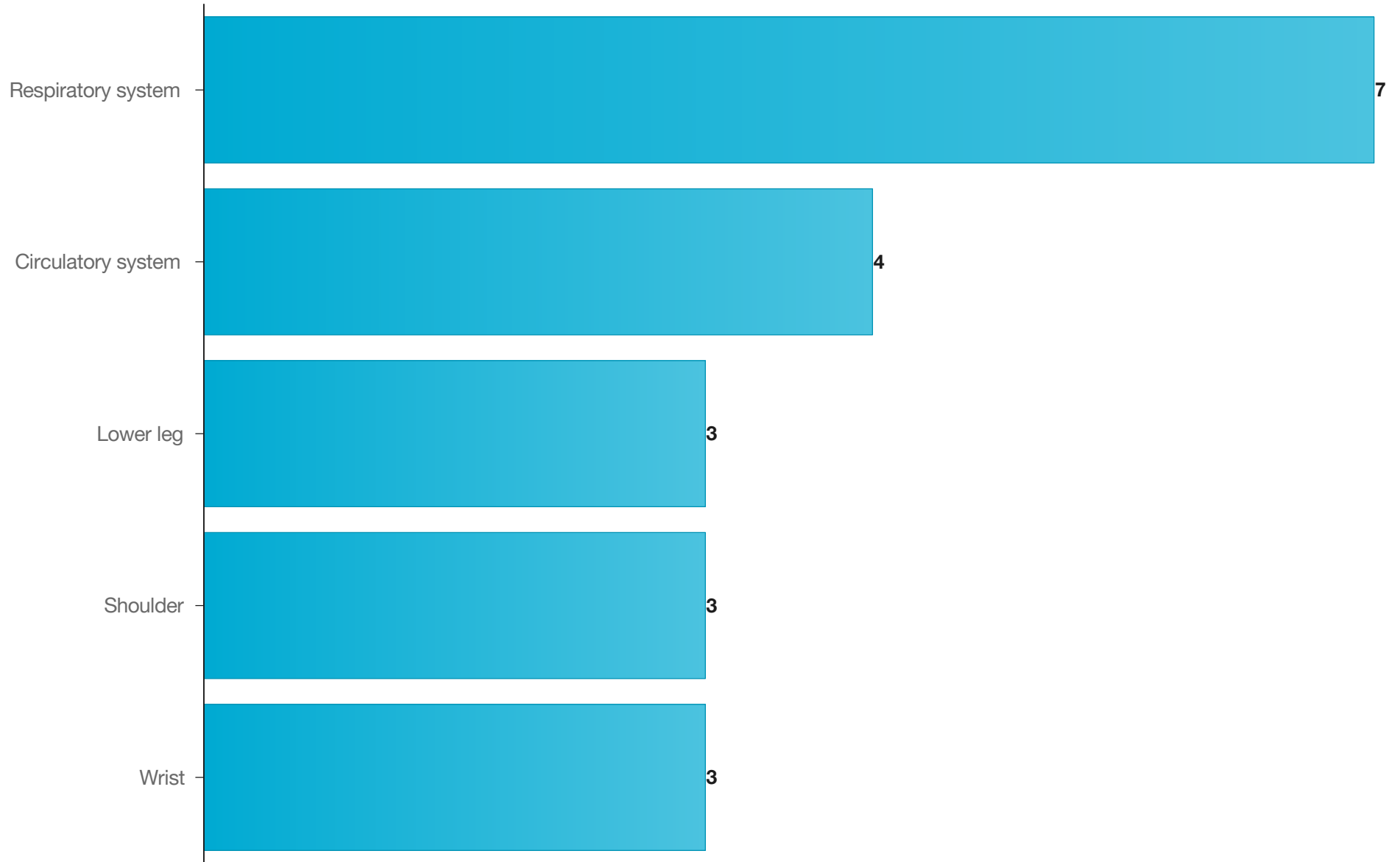
# Occupations

## Top five occupations of injured workers



## Part of Body Injured

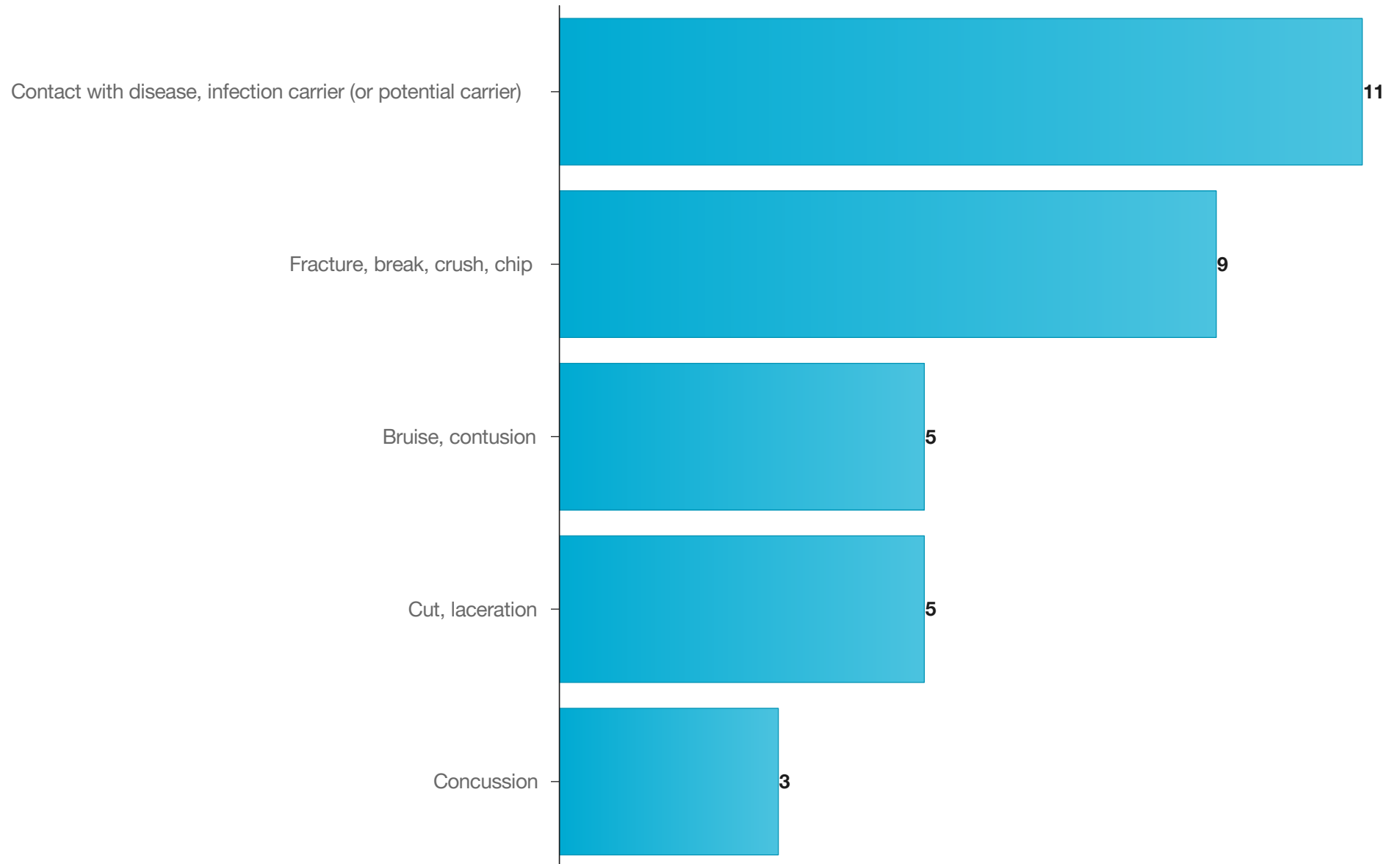
### Top five body parts injured



*Note: A person could have multiple injuries reported.*

## Type of Injury

### Top five injuries



*Note: A person could have multiple injuries reported.*

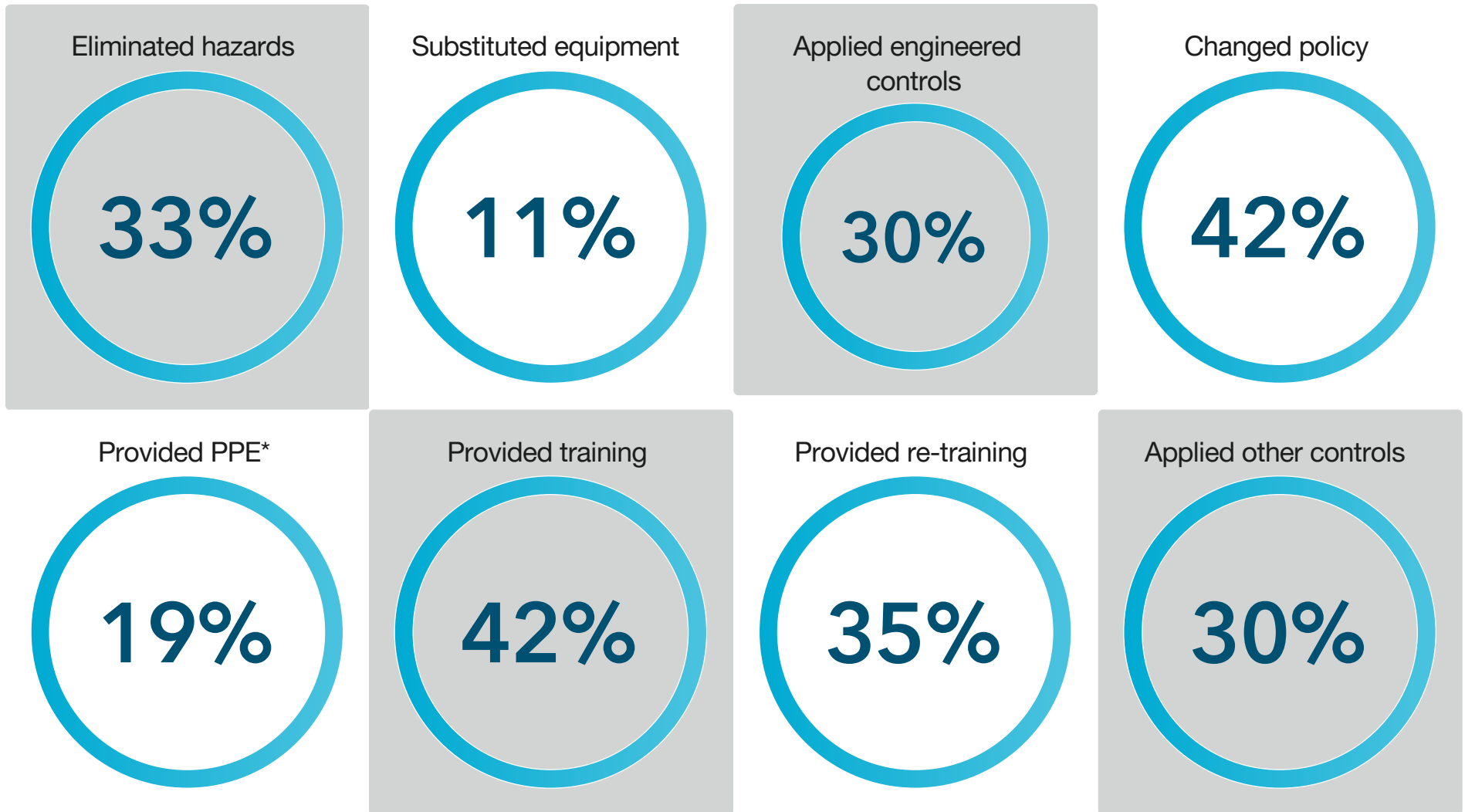


## Corrective Actions

Per cent of PSIs involving specific corrective actions taken

*Note: More than one corrective action can be taken per PSI.*

\*PPE = personal protective equipment



Type of PSIs over the past two years \* Data suppressed due to small numbers

Incident year ▲		2019		2020		Total		
Type of PSI (category) ▲	Type of PSI (detailed) ▲	Total # ▲	% by year	Total #	% by year	Total #	% by year	
Assaults, violent acts, har...	Assault or violent act by person	*	*	0	0.0%	*	*	
	Bend, climb, crawl, reach, twist, kneel	*	*	0	0.0%	*	*	
	Other bodily movement, specify:	*	*	*	*	*	*	
Body movement	Contact or struck with pressured air or water	*	*	0	0.0%	*	*	
	Exposed to air pressure change	*	*	0	0.0%	*	*	
Contact or exposure - contents under pressure	Contact with hot object, substance	*	*	0	0.0%	*	*	
	Contact with cold object, substance	0	0.0%	*	*	*	*	
Contact or Exposure - extreme temperature	Exposure to noise	*	*	0	0.0%	*	*	
Exposure - noise	Damaged gas line	*	*	*	*	<b>8</b>	<b>1.6%</b>	
Fires and explosions	Fire	*	*	*	*	*	*	
	Explosion	0	0.0%	*	*	*	*	
	Overexertion - lifting	*	*	0	0.0%	*	*	
Overexertion	Lost of balance	*	*	0	0.0%	*	*	
	Over-step	*	*	0	0.0%	*	*	
	Step in a hole	*	*	0	0.0%	*	*	
	Stepped on object	*	*	0	0.0%	*	*	
	Uneven surface	*	*	*	*	*	*	
	Slip, trip	Slip on something	5	1.5%	0	0.0%	<b>5</b>	<b>1.0%</b>

Type of PSIs over the past two years \* Data suppressed due to small numbers

Incident year ▲		2019		2020		Total	
Type of PSI (category) ▲	Type of PSI (detailed) ▲	Total # ▲	% by year	Total #	% by year	Total #	% by year
Other incident type	Exposure to traumatic event (e.g. workplace fatality)	*	*	0	0.0%	*	*
	Other type of incident, specify:	*	*	5	3.2%	*	*
Failure, collapse, upset, malfunction	Caught in collapsing material	*	*	*	*	*	*
	Other cave-in, specify:	*	*	0	0.0%	*	*
	Overloaded	*	*	0	0.0%	*	*
	Shifted or uneven load	*	*	*	*	<b>6</b>	<b>1.2%</b>
	Trench	*	*	0	0.0%	*	*
	Uneven surface	*	*	*	*	*	*
	Caught in materials	0	0.0%	*	*	*	*
	Structural failure or collapse	6	1.8%	7	4.5%	<b>13</b>	<b>2.7%</b>
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	Contact with skin or exposed tissue	*	*	*	*	*	*
	Inhalation of substance	*	*	*	*	<b>13</b>	<b>2.7%</b>
	Other harmful substance exposure, specify:	*	*	*	*	*	*
	Exposure to infectious disease or illness (e.g. COVID, SARS)	0	0.0%	35	22.4%	<b>35</b>	<b>7.2%</b>
	Exposure to infectious disease/illness (eg. COVID, SARS)	0	0.0%	*	*	*	*
	Damaged gas line	10	3.0%	6	3.8%	<b>16</b>	<b>3.3%</b>
Vehicle incidents	Fall from moving vehicle	*	*	0	0.0%	*	*

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Incident year ▲		2019		2020		Total	
Type of PSI (category) ▲	Type of PSI (detailed) ▲	Total # ▲	% by year	Total #	% by year	Total #	% by year
Vehicle incidents	Other non-highway accident, specify:	*	*	*	*	*	*
	Ran off road	*	*	0	0.0%	*	*
	Rollover	*	*	*	*	5	1.0%
	Vehicle struck stationary object	*	*	*	*	7	1.4%
	Pedestrian struck by vehicle	0	0.0%	*	*	*	*
	Collision between vehicles	14	4.2%	5	3.2%	19	3.9%
Falls, jumps	Fall from ladder	*	*	*	*	6	1.2%
	Fall from moving vehicle	*	*	0	0.0%	*	*
	Fall from roof	*	*	*	*	9	1.9%
	Fall on same level	*	*	*	*	*	*
	Fall onto or against object	*	*	0	0.0%	*	*
	Fall to lower level	*	*	*	*	20	4.1%
	Jump from scaffold, platform	*	*	0	0.0%	*	*
	Fall down stairs, steps	0	0.0%	*	*	*	*
Exposure - electric current	Fall from scaffold, staging, platform	7	2.1%	5	3.2%	12	2.5%
	Contact with electric current	*	*	*	*	10	2.1%
	Contact with underground power line	*	*	*	*	17	3.5%
	Contact with wiring	*	*	*	*	10	2.1%
	Contact with overhead power line	10	3.0%	7	4.5%	17	3.5%

Type of PSIs over the past two years \* Data suppressed due to small numbers

Incident year ▲		2019		2020		Total	
Type of PSI (category) ▲	Type of PSI (detailed) ▲	Total # ▲	% by year	Total #	% by year	Total #	% by year
Caught, contact or struck with object, tool, equipment	Caught in running tool, equipment	*	*	0	0.0%	*	*
	Contact or struck with running equipment, tool	*	*	*	*	10	2.1%
	Contact with sharp object	*	*	*	*	9	1.9%
	Pedestrian struck by vehicle	*	*	0	0.0%	*	*
	Pinched by rolling or sliding object, tool, equipment	*	*	0	0.0%	*	*
	Rubbed by foreign matter in eye	*	*	0	0.0%	*	*
	Struck by sliding or falling object	*	*	*	*	9	1.9%
	Struck by swinging or slipping object	6	1.8%	0	0.0%	6	1.2%
	Struck by flying object	7	2.1%	0	0.0%	7	1.4%
	Caught in or between object, tool, equipment	19	5.8%	8	5.1%	27	5.6%
	Contact or struck with object, tool, equipment	35	10.6%	16	10.3%	51	10.5%
Struck by falling object	48	14.5%	8	5.1%	56	11.5%	
<b>Total</b>		<b>330</b>	<b>100.0%</b>	<b>156</b>	<b>100.0%</b>	<b>486</b>	<b>100.0%</b>

Type of PSIs over the past two years \* Data suppressed due to small numbers

Incident year ▲		2019		2020		Total	
Source of PSI (category) ▲	Source of PSI (detailed) ▼	Total #	% by year	Total #	% by year	Total #	% by year
Animal or insects	Animal	*	*	0	0.0%	*	*
Biological hazards	Infectious, parasitic agent	0	0.0%	*	*	*	*
	Bodily fluid, substance of person	0	0.0%	11	7.1%	11	2.3%
	Bacteria	0	0.0%	*	*	*	*
Caught, contact or struck with object, tool, equipment	Struck by falling object	0	0.0%	*	*	*	*
	Stepped on object	*	*	0	0.0%	*	*
Chemical or harmful substance	Sulphur, sulphur compound	0	0.0%	*	*	*	*
	Other chemical or harmful, specify and include CAS#:	*	*	*	*	*	*
	Nitrogen dioxide	*	*	0	0.0%	*	*
	Hydrogen sulphide (H2S gas)	*	*	*	*	*	*
	Coal, natural gas, fuel	*	*	0	0.0%	*	*
	Cleaning, disinfectants, polishing agent	*	*	0	0.0%	*	*
	Cement, mortar mix-wet	*	*	0	0.0%	*	*
	Asbestos	*	*	0	0.0%	*	*
	Aromatic hydrocarbon	*	*	0	0.0%	*	*
Container	Container - pressurized	0	0.0%	*	*	*	*
Crane, hoist, lifting device	Manlift	*	*	0	0.0%	*	*
	Hoist	*	*	*	*	*	*
	Elevator	*	*	0	0.0%	*	*

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Incident year ▲		2019		2020		Total	
Source of PSI (category) ▲	Source of PSI (detailed) ▼	Total #	% by year	Total #	% by year	Total #	% by year
Crane, hoist, lifting device	Derrick-guy	*	*	0	0.0%	*	*
	Crane-portal, tower, pillar	*	*	0	0.0%	*	*
	Crane-overhead	0	0.0%	*	*	*	*
	Crane-mobile, truck, rail mounted	*	*	*	*	<b>8</b>	<b>1.6%</b>
	Bucket, basket hoist-truck mount	*	*	0	0.0%	*	*
Drug, medication, food	Drug - nonmedicinal	*	*	0	0.0%	*	*
	Alcoholic beverage	0	0.0%	*	*	*	*
Entrances, walkways, stairways	Surface below ground level	*	*	0	0.0%	*	*
	Stairs, steps, stairway	*	*	0	0.0%	*	*
	Sidewalk, path, outdoor walkway	*	*	*	*	*	*
	Parking lot	*	*	0	0.0%	*	*
	Door	*	*	0	0.0%	*	*
Environmental or related products (including fire, smoke)	Rain	0	0.0%	*	*	*	*
	Ice, sleet, snow	*	*	*	*	<b>8</b>	<b>1.6%</b>
	High wind, gusts	*	*	*	*	<b>7</b>	<b>1.4%</b>
	High air pressure	0	0.0%	*	*	*	*
	Dirt, earth	*	*	*	*	*	*
Explosive, including ammunition	Explosive, blasting agent	*	*	0	0.0%	*	*
	Ammunition	*	*	0	0.0%	*	*

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Source of PSI (category) ▲	Source of PSI (detailed) ▼	Total #	% by year	Total #	% by year	Total #	% by year
Failure, collapse, upset, m...	Shifted or uneven load	0	0.0%	*	*	*	*
	Other machinery, specify:	*	*	*	*	*	*
	Metal, woodwork machinery, including lathe, grinder, etc.	*	*	0	0.0%	*	*
	Material handling machinery	*	*	0	0.0%	*	*
	Heat, cool, cleaning machinery	*	*	*	*	*	*
	Construction, log, mine machinery	*	*	*	*	<b>22</b>	<b>4.5%</b>
	Agricultural, garden machinery	*	*	0	0.0%	*	*
Machinery	Steam, vapor, liquid	*	*	*	*	*	*
	Skid, pallet, racking	*	*	0	0.0%	*	*
	Scrap, waste, debris, sewage	*	*	*	*	*	*
	Plumbing fixtures	*	*	0	0.0%	*	*
	Photographic equipment	*	*	0	0.0%	*	*
	Other object, tool, equipment, specify:	<b>7</b>	<b>2.1%</b>	<b>5</b>	<b>3.2%</b>	<b>12</b>	<b>2.5%</b>
	Hand tool-power	*	*	*	*	<b>10</b>	<b>2.1%</b>
	Hand tool - non-powered	*	*	*	*	<b>12</b>	<b>2.5%</b>
	Electrical wiring, currents	*	*	*	*	<b>14</b>	<b>2.9%</b>
	Construction Materials	<b>35</b>	<b>10.6%</b>	<b>15</b>	<b>9.6%</b>	<b>50</b>	<b>10.3%</b>
Object, tool, or equipment	Chip, particle, splinter, dust	*	*	0	0.0%	*	*
	Other source, specify:	<b>25</b>	<b>7.6%</b>	<b>6</b>	<b>3.8%</b>	<b>31</b>	<b>6.4%</b>
Other sources							



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Incident year ▲		2019		2020		Total	
Source of PSI (category) ▲	Source of PSI (detailed) ▼	Total #	% by year	Total #	% by year	Total #	% by year
Person	Other person - not injured, ill worker, specify:	*	*	*	*	6	1.2%
	Member of the public	*	*	*	*	5	1.0%
	Health care patient, resident	0	0.0%	*	*	*	*
	Co-worker	7	2.1%	5	3.2%	12	2.5%
	Client, customer	*	*	0	0.0%	*	*
Personal protective equipment	Protective clothing	*	*	0	0.0%	*	*
	Other personal protective equipment, specify:	0	0.0%	*	*	*	*
	Lifeline, safety belt, harness	*	*	*	*	*	*
	Hard hat	*	*	0	0.0%	*	*
	Face shield, welding mask	*	*	0	0.0%	*	*
Persons, plants, animals, minerals	Infectious, parasitic agent	0	0.0%	*	*	*	*
	Dirt, earth	0	0.0%	*	*	*	*
	Co-worker of ill worker	0	0.0%	*	*	*	*
Power mobile equipment	Tractor	*	*	*	*	*	*
	Industrial vehicle - powered	36	10.9%	10	6.4%	46	9.5%
	Industrial vehicle - non-powered	*	*	0	0.0%	*	*
	Forklift	*	*	*	*	*	*
	All terrain vehicle	*	*	*	*	5	1.0%

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Source of PSI (category) ▲	Source of PSI (detailed) ▼	Total #	% by year	Total #	% by year	Total #	% by year
Rigging	Hoisting accessory	*	*	*	*	7	1.4%
	Fastener, connector, rope, tie	*	*	*	*	7	1.4%
Safeguards	Wire mesh	0	0.0%	*	*	*	*
	Toe board	0	0.0%	*	*	*	*
	Opening cover	*	*	*	*	*	*
	Guardrail, safety bars, road divider	*	*	0	0.0%	*	*
Scaffolds or temporary platforms	Step ladder	*	*	0	0.0%	*	*
	Scaffold - suspended staging	*	*	*	*	5	1.0%
	Scaffold - staging held by structure	*	*	*	*	10	2.1%
	Scaffold - self-supporting staging	*	*	*	*	6	1.2%
	Scaffold - improvised staging	*	*	0	0.0%	*	*
	Ladder - fixed	*	*	0	0.0%	*	*
	Extension ladder	0	0.0%	*	*	*	*
Structure or infrastructure	Tower, pole-installed	*	*	0	0.0%	*	*
	Structure	6	1.8%	0	0.0%	6	1.2%
	Stairs, steps	0	0.0%	*	*	*	*
	Sidewalk, path, outdoor walkway	0	0.0%	*	*	*	*
	Sewer, manhole, storm drain	0	0.0%	*	*	*	*
	Roof	*	*	*	*	*	*

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Source of PSI (category) ▲	Source of PSI (detailed) ▼	Total #	% by year	Total #	% by year	Total #	% by year
Structure or infrastructure	Other structure, specify:	0	0.0%	*	*	*	*
	Ditch, channel, trench, excavation	0	0.0%	5	3.2%	5	1.0%
	Building - office, plant, residential	0	0.0%	*	*	*	*
	Building	*	*	*	*	8	1.6%
	Bridge, dam, lock	*	*	0	0.0%	*	*
Tools, instruments, and e...	Other hand tool-power, specify:	0	0.0%	*	*	*	*
Vehicles, including parts	Rail vehicle	*	*	0	0.0%	*	*
	Other vehicle, specify:	*	*	*	*	7	1.4%
	Motor vehicle	22	6.7%	*	*	*	*
Total		330	100.0%	156	100.0%	486	100.0%

## Additional Information

### Contact us

#### **OHS Contact Centre** (concerns, questions, reporting serious incidents)

Anywhere in Alberta

1-866-415-8690

Edmonton & surrounding area

780-415-8690

Deaf or hearing impaired

1-800-232-7215 (Alberta)

780-427-9999 (Edmonton)

#### **OHS Surveillance** (Data-related questions)

[ohssurveillance@gov.ab.ca](mailto:ohssurveillance@gov.ab.ca)

#### **Online Reporting Service** (PSIs, mine or mine site incidents)

[oirportal.labour.alberta.ca](http://oirportal.labour.alberta.ca)

#### **Website**

[alberta.ca/report-potentially-serious-incidents.aspx](http://alberta.ca/report-potentially-serious-incidents.aspx)

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End of Report