

# Potentially serious incidents (PSIs) report

Report date

**3 July,  
2024**

## Reported PSIs, by incident year

Year ▼	Total #	% with injured persons	% COVID-19
2024	200	54%	2%
2023	631	61%	12%
2022	2,589	54%	78%
2021	2,830	17%	86%
2020	2,191	18%	81%
2019	1,116	41%	0%
<b>Total</b>	<b>9,557</b>	<b>34%</b>	<b>66%</b>

## Employers reporting PSIs, by incident year

Year ▼	# unique PSI-reporting employers
2024	204
2023	484
2022	627
2021	661
2020	521
2019	730
<b>Total</b>	<b>2,358</b>

Note: 2024 represents year-to-date data.

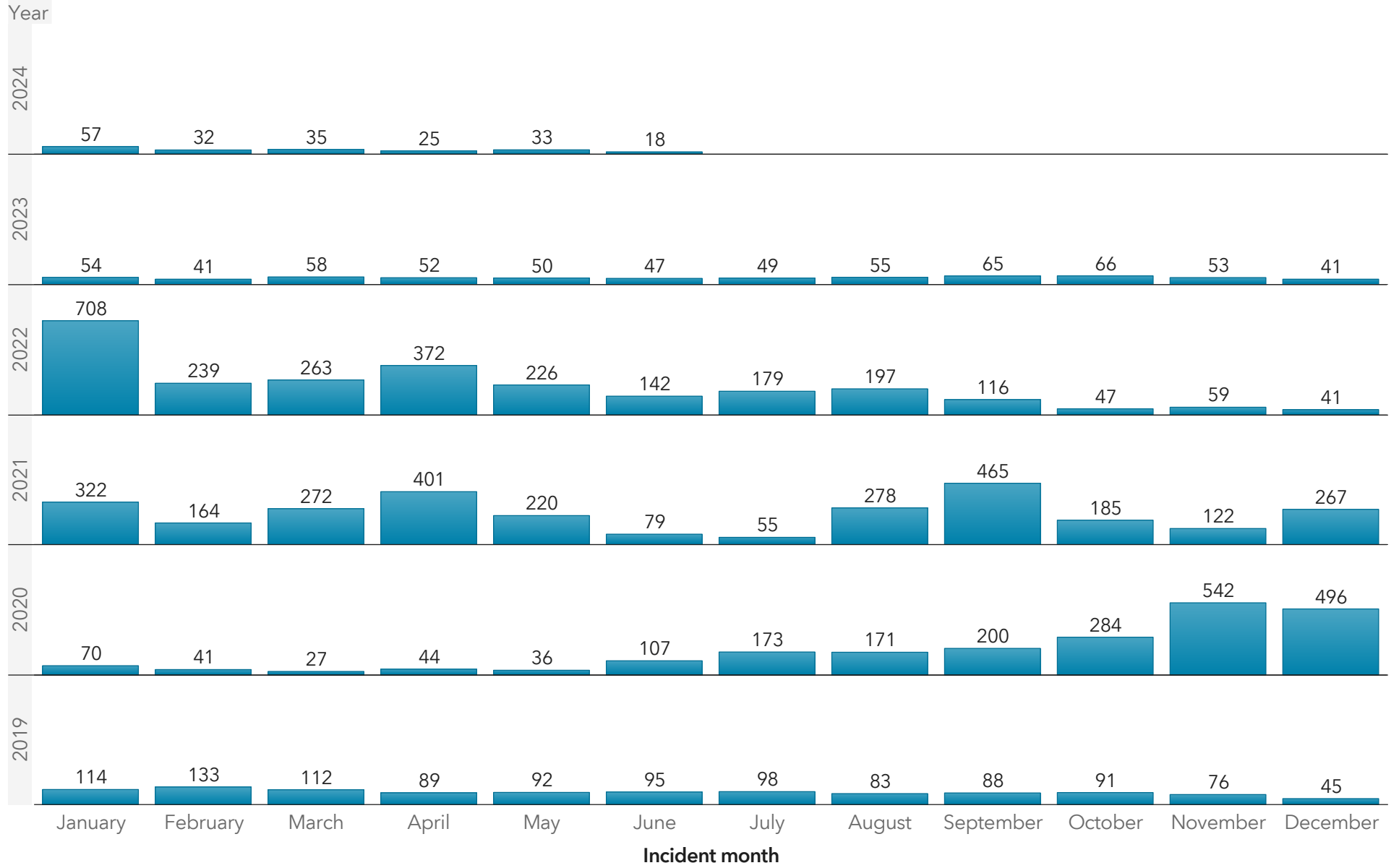
PSI reporting began on June 1, 2018. The definition was modified in December 2018 and December 2021. This report only includes data from January 2019 and onwards.



Produced by the OHS Surveillance Program, email: [OHSsurveillance@gov.ab.ca](mailto:OHSsurveillance@gov.ab.ca)

## PSIs overview

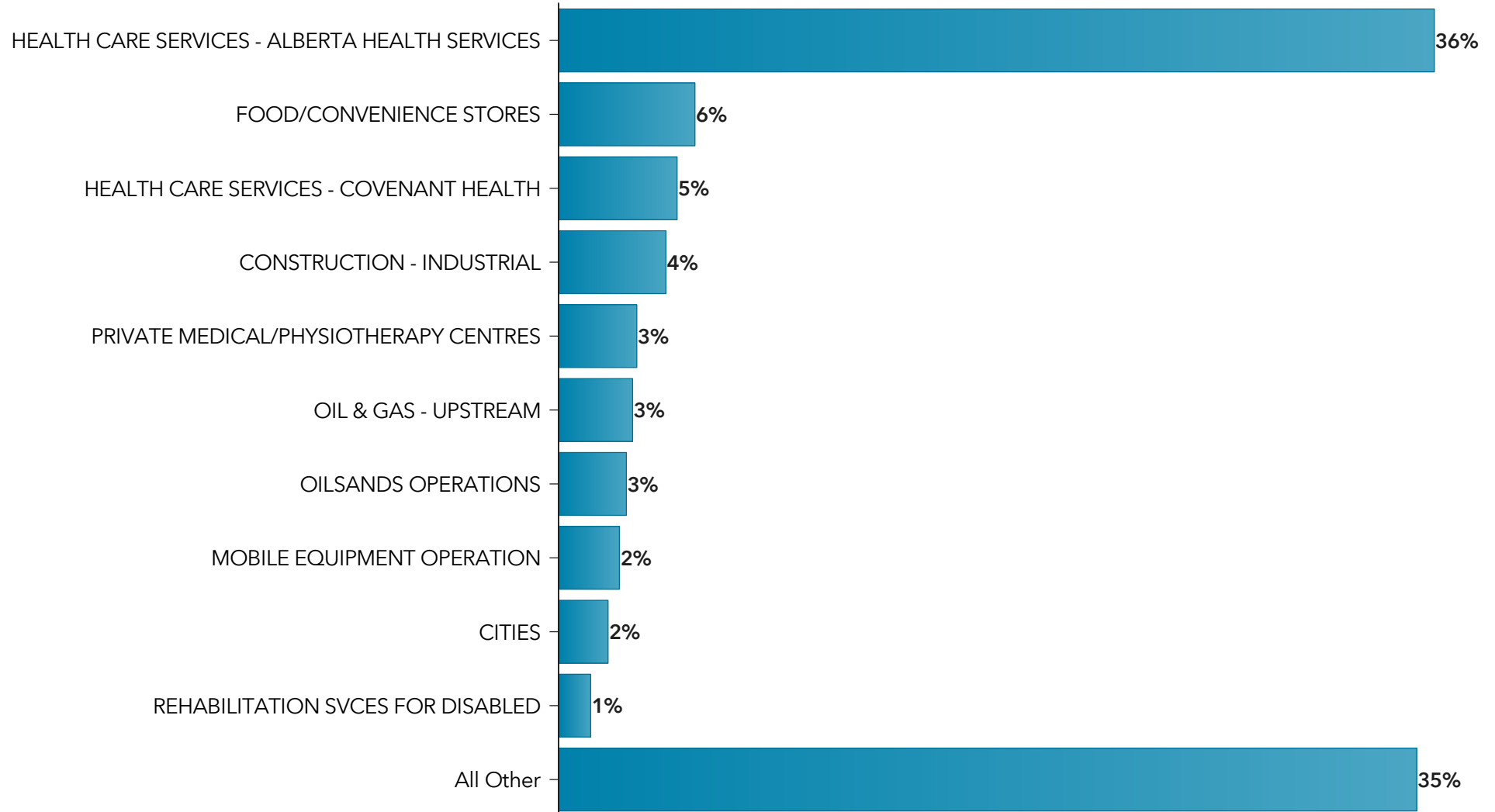
### Number of PSIs, by incident month and year, 2019-2024



Note: 2024 represents year-to-date data.

## Industries involved

### Top 10: Industries involved in PSIs, 2019-2024



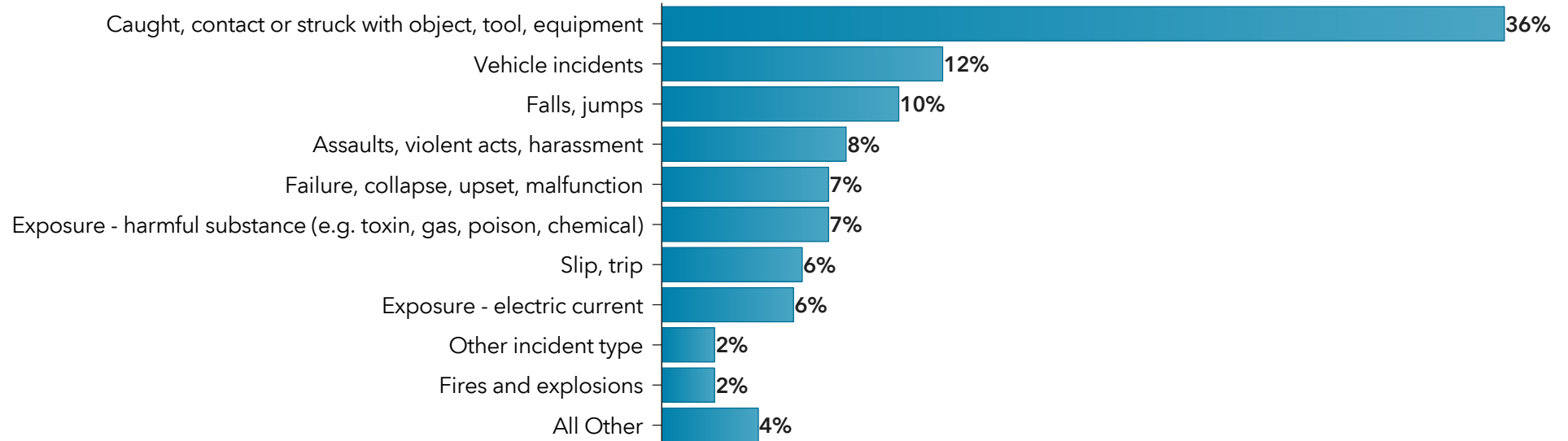
*Note: 2024 represents year-to-date data.*

*Total may not represent all incidents report. For some incidents the WCB industry was not reported.*

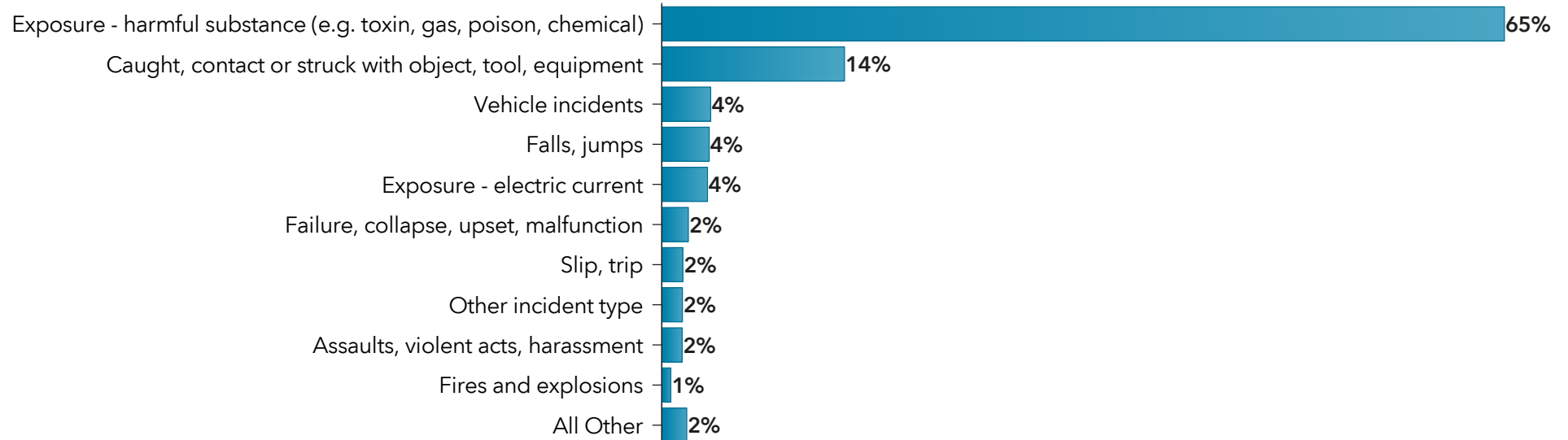
*A PSI can involved multiple industries.*

## Type of incident (overview)

### Top 10: PSIs by reported incident type, 2024



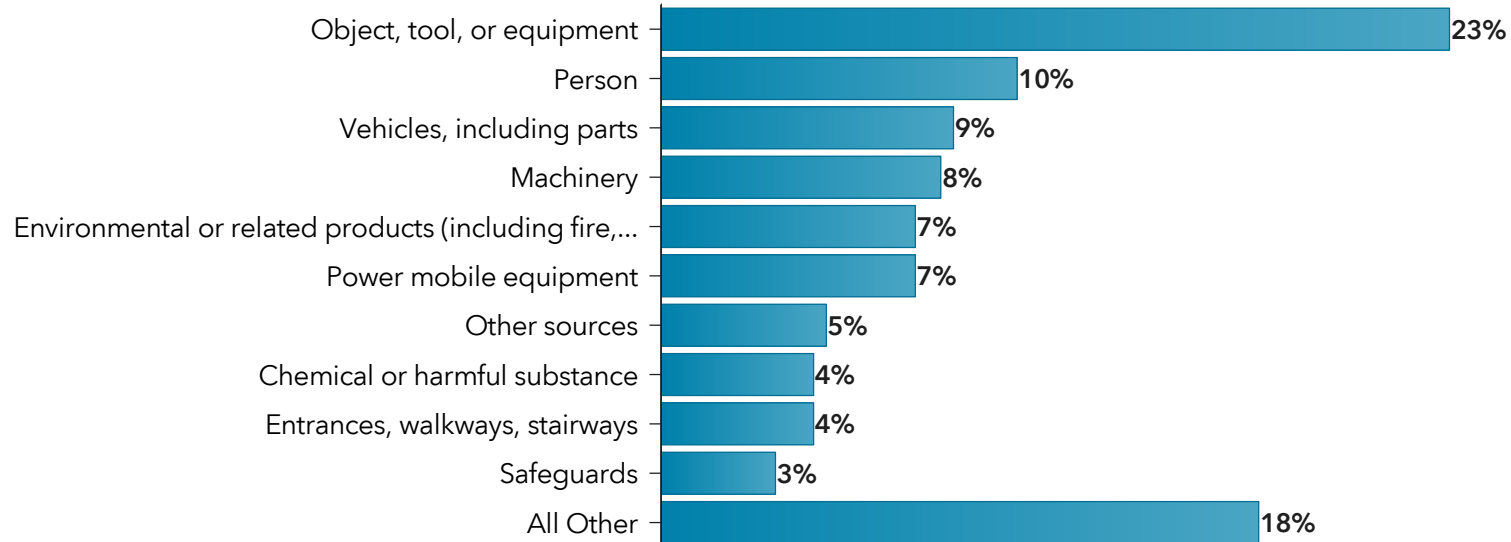
### Top 10: PSIs by reported incident type, 2019-2023



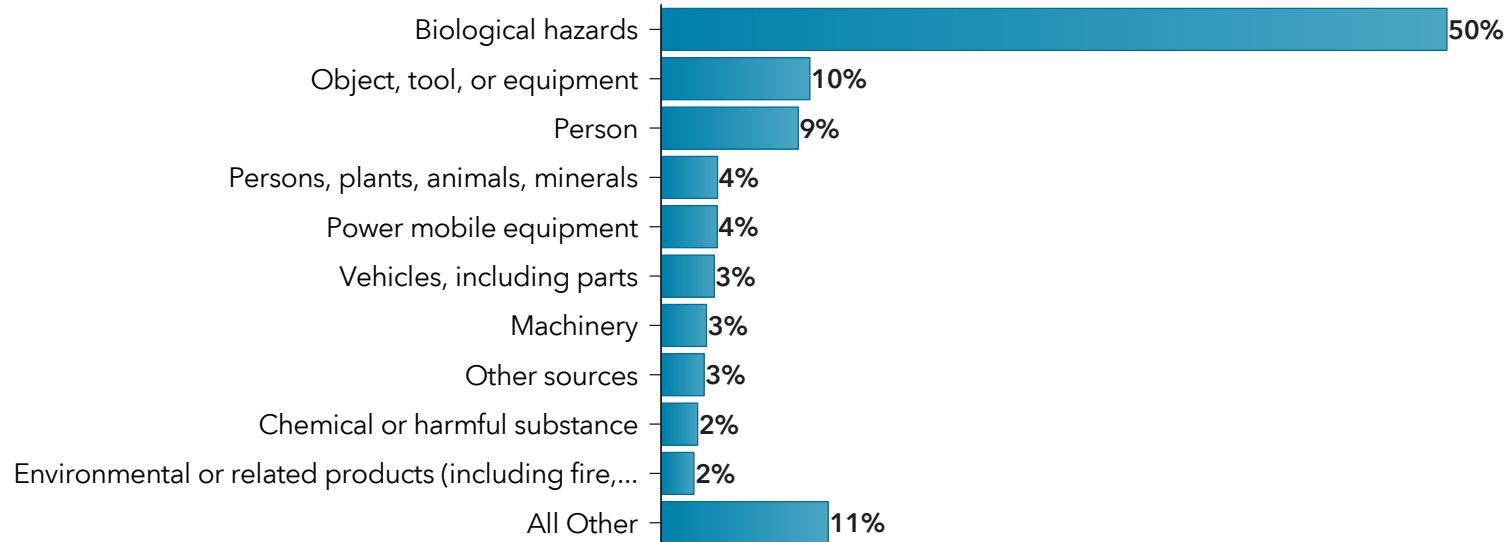
Note: 2024 represents year-to-date data.

## Source of incident (overview)

### Top 10: PSIs by reported source of incident, 2024



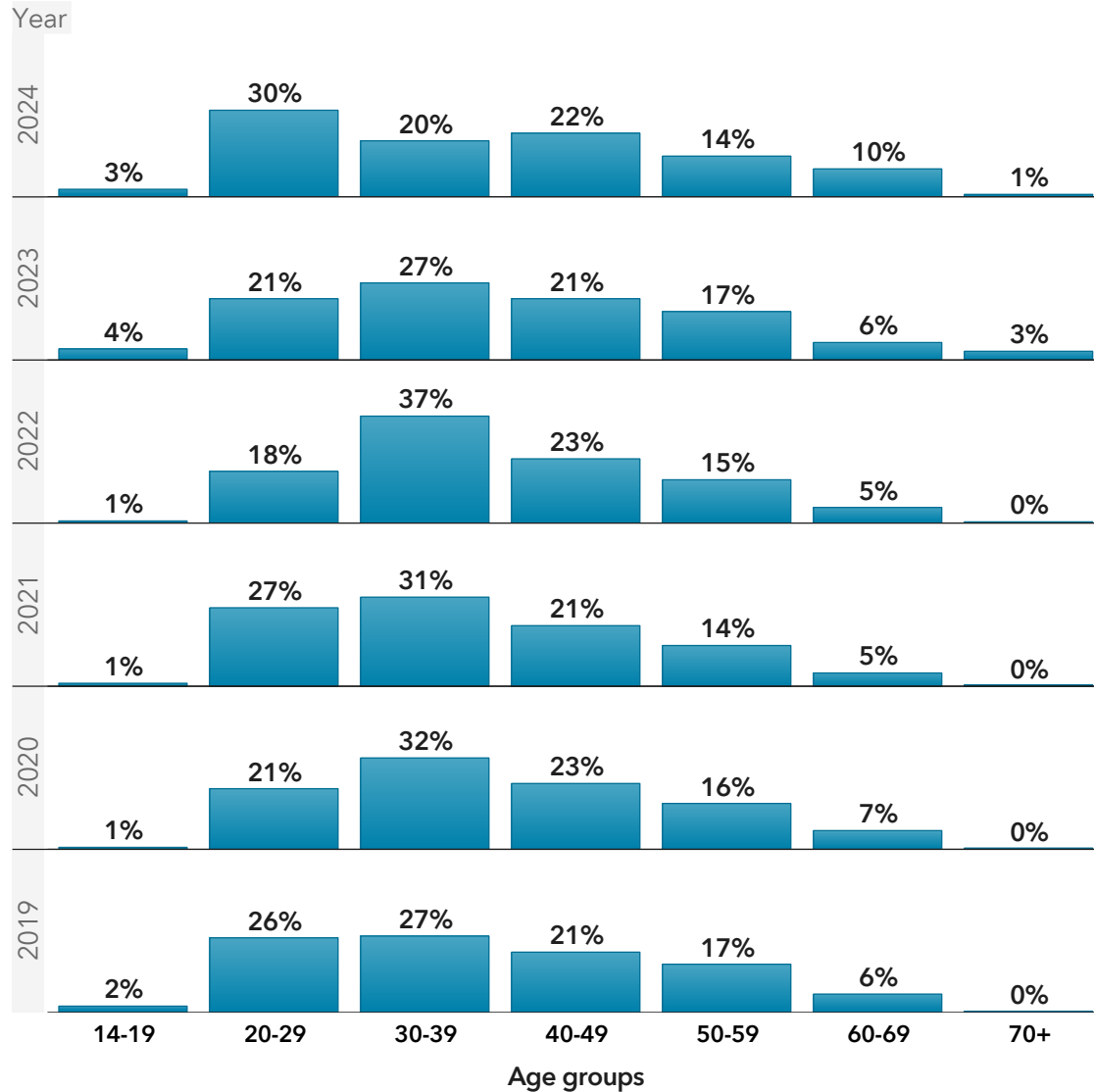
### Top 10: PSIs by reported source of incident, 2019-2023



Note: 2024 represents year-to-date data.

## Injured person (overview)

### Age distribution of PSI injured persons, 2019-2024

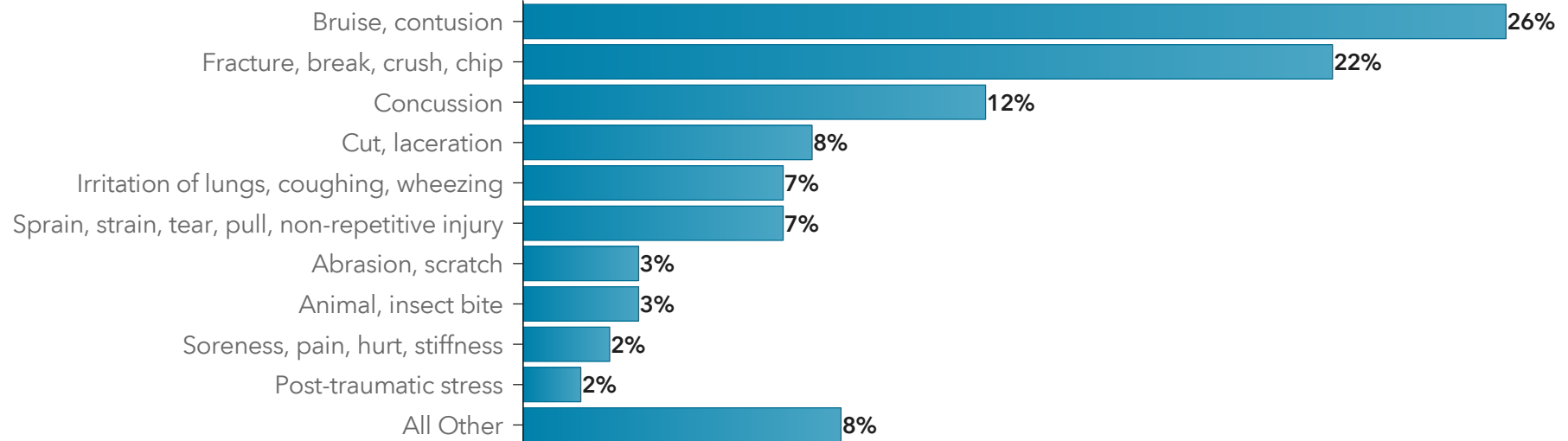


Note: 2024 represents year-to-date data.

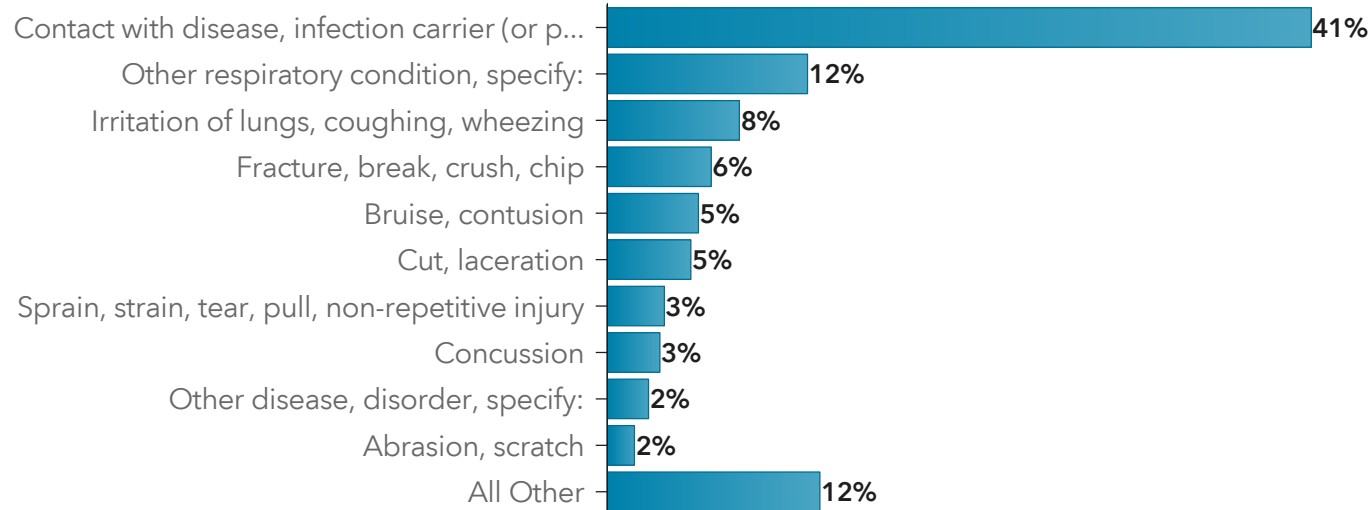
Year ▼	Total #	Injured workers	Injured non-workers	% COVID-19 injured workers
2024	113	110	3	5%
2023	495	468	27	29%
2022	2,138	2,070	68	82%
2021	866	832	34	84%
2020	716	702	14	77%
2019	497	477	20	0%
<b>Total</b>	<b>4,825</b>	<b>4,659</b>	<b>166</b>	<b>66%</b>

## Type of injury (Overview)

### Top 10: PSIs by type of injury reported, 2024



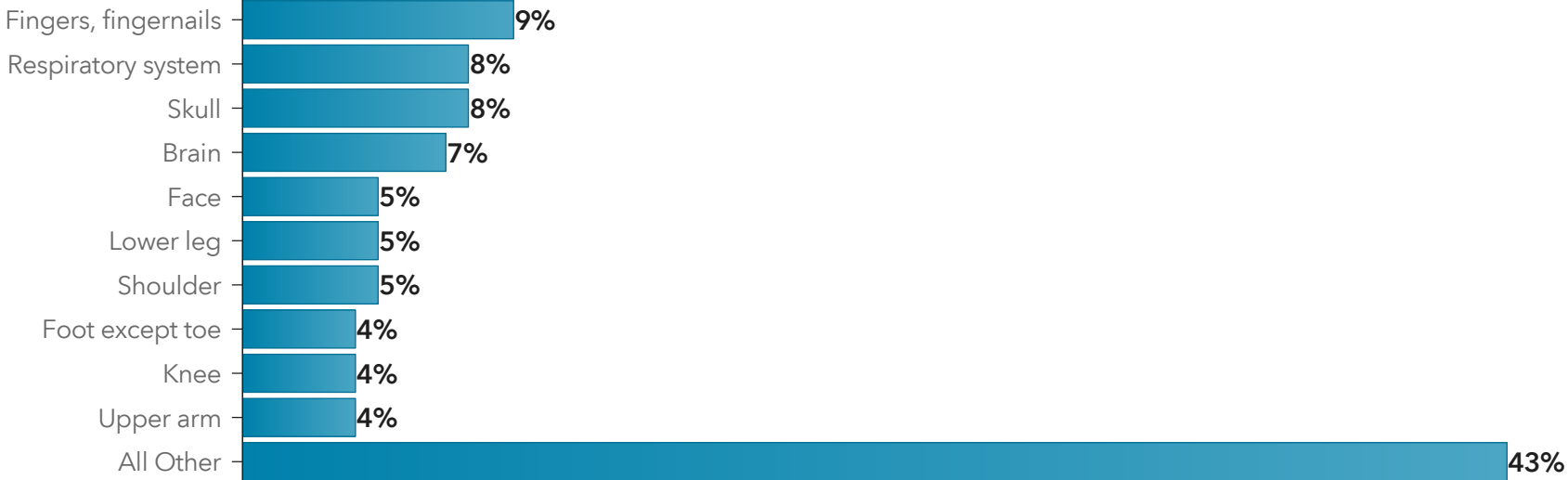
### Top 10: PSIs by type of injury reported, 2019-2023



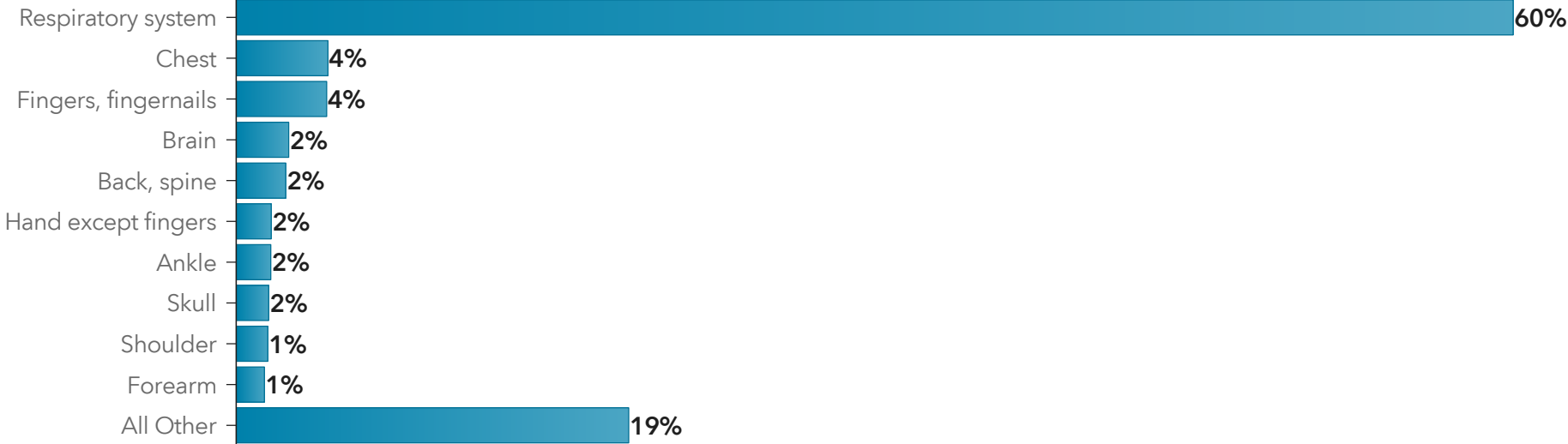
*Note: 2024 represents year-to-date data.  
A person could have multiple injuries reported.*

Part of body injured

**Top 10: PSIs by body parts injured, 2024**



**Top 10: PSIs by body parts injured, 2019-2023**

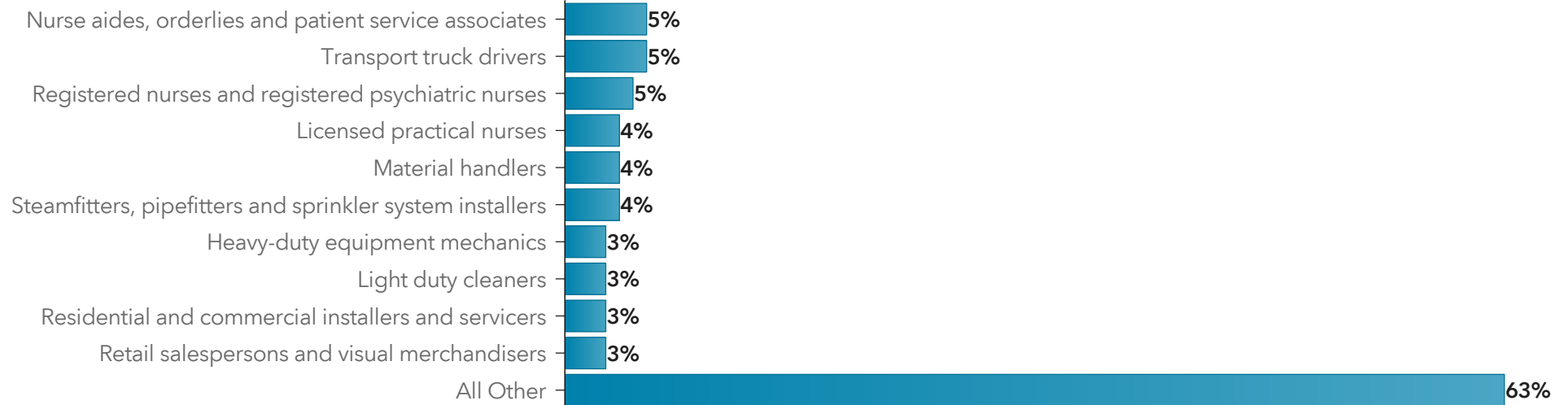


*Note: 2024 represents year-to-date data.  
A person could have multiple injuries reported.*

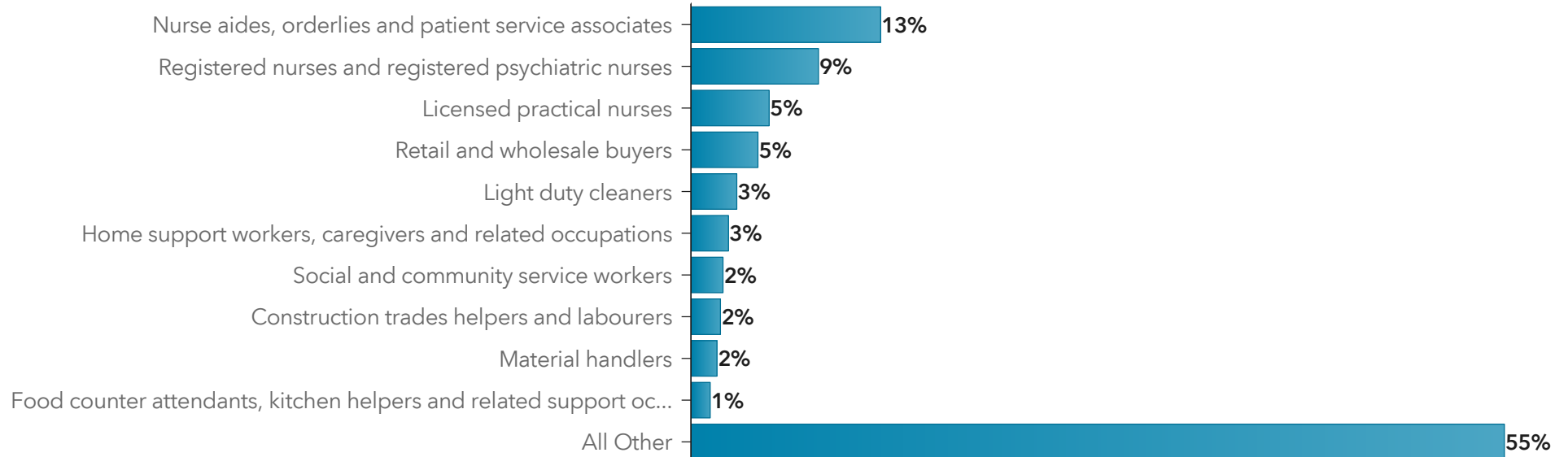


## Occupation

### Top 10: PSIs by occupations of injured workers, 2024



### Top 10: PSIs by occupations of injured workers, 2019-2023



Note: 2024 represents year-to-date data.

## Corrective actions by reported PSI incident type, 2019-2024



Incident - category ▲	Changed policy	Eliminated hazard	Engineered controls	Other corrective action	Provided PPE	Provided re-training	Provided training	Substituted equipment
Total	1,264	968	1,024	5,206	1,425	2,472	1,575	269
(missing)	1	0	0	0	1	0	0	0
Assaults, violent acts, harassment	37	28	19	77	12	60	56	3
Body movement	10	7	4	10	7	9	14	3
Caught, contact or struck with object, tool, equipment	399	261	286	302	81	321	413	96
Contact or exposure - contents under pressure	15	6	13	11	1	6	6	3
Contact or Exposure - extreme temperature	15	10	8	4	7	7	6	1
Exposure - animal, insect	10	3	3	6	4	6	7	1
Exposure - electric current	104	84	49	79	18	84	106	19
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	372	279	407	4,345	1,205	1,682	611	48
Exposure - lack of oxygen	4	3	0	2	3	4	5	1
Exposure - noise	1	1	0	1	1	1	0	0
Exposure - radiation	1	1	1	0	0	0	3	0
Failure, collapse, upset, malfunction	58	45	61	41	12	39	42	26
Falls, jumps	81	98	77	68	33	94	96	32
Fires and explosions	17	23	8	15	3	14	18	9
Other incident type	26	19	17	77	1	17	26	7
Overexertion	5	3	3	9	0	2	9	2
Repetitive motion injury	1	0	0	2	0	2	0	0
Slip, trip	17	54	18	35	29	38	52	3
Vehicle incidents	90	43	50	122	7	86	105	15

Note: 2024 represents year-to-date data.

More than one corrective action can be taken per PSI. Provided re-training option became available on February 11, 2020.

PPE = personal protective equipment

## Detailed information tables

*Note: 2024 represents year-to-date data.  
Excludes missing data*



## Type of PSIs, by incident year

		Report table years ▼	2024 total (year to date)	2023 total	2019-2022 average
Incident - category ▲	Incident - details ▲		PSIs	PSIs	PSIs
Assaults, violent acts, harassment	Assault or violent act by person		11	28	29
	Bullying		—	—	1
	Other assault, violent act, harassment, specify:		—	1	—
	Sexual assault or harassment		2	—	0
	Struck by person, non-intentional assault (e.g. training)		—	—	1
	Threat or verbal assault		4	—	2
Subtotal: Assaults, violent acts, harassment			<b>17</b>	<b>29</b>	<b>32</b>
Body movement	Bend, climb, crawl, reach, twist, kneel		1	2	5
	Lifting		—	3	2
	Other bodily movement, specify:		—	—	2
	Running		—	—	0
	Standing		1	—	1
	Walking		1	3	1
Subtotal: Body movement			<b>3</b>	<b>8</b>	<b>10</b>
Caught, contact or struck with object, tool, equipment	Caught in or between object, tool, equipment		9	39	39
	Caught in running tool, equipment		2	12	8
	Contact or struck with object, tool, equipment		18	65	69
	Contact or struck with running equipment, tool		3	15	16
	Contact with sharp object		3	4	9
	Pedestrian struck by vehicle		—	1	7
	Pierced by needle (needlestick)		1	3	2
	Pinched by rolling or sliding object, tool, equipment		—	8	5
	Rubbed by foreign matter in eye		—	1	1
	Struck by falling object		21	37	45
	Struck by flying object		2	12	11
Struck by sliding or falling object		6	9	10	



## Type of PSIs, by incident year

		Report table years ▼	2024 total (year to date)	2023 total	2019-2022 average
Incident - category ▲	Incident - details ▲		PSIs	PSIs	PSIs
Caught, contact or struck with object, tool, equipment	Struck by swinging door or gate		1	5	1
	Struck by swinging or slipping object		4	4	5
Subtotal: Caught, contact or struck with object, tool, equipment			<b>70</b>	<b>215</b>	<b>227</b>
Contact or exposure - contents under pressure	Contact or struck with pressured air or water or gas		1	4	6
	Exposed to air pressure change		—	—	0
	Pressure change underwater		—	—	0
Subtotal: Contact or exposure - contents under pressure			<b>1</b>	<b>4</b>	<b>7</b>
Contact or Exposure - extreme temperature	Contact with cold object, substance		—	—	0
	Contact with hot object, substance		—	2	7
	Exposure to environmental cold		—	—	1
	Exposure to environmental heat		—	—	1
Subtotal: Contact or Exposure - extreme temperature			<b>—</b>	<b>2</b>	<b>8</b>
Exposure - animal, insect	Attack or assault by animal		4	10	3
	Bug bite or sting		—	1	0
	Other animal, insect exposure, specify:		—	1	—
Subtotal: Exposure - animal, insect			<b>4</b>	<b>12</b>	<b>3</b>
Exposure - electric current	Contact with electric current		6	16	17
	Contact with overhead power line		2	8	16
	Contact with underground power line		2	14	10
	Contact with wiring		—	8	8
Subtotal: Exposure - electric current			<b>10</b>	<b>46</b>	<b>51</b>
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	Contact with skin or exposed tissue		—	7	10
	Damaged gas line		2	6	11
	Exposure to infectious disease or illness (e.g. COVID, SARS)		4	76	1,553
	Ingestion of substance		—	2	2
	Inhalation in confined space		—	2	2



## Type of PSIs, by incident year

		Report table years ▼	2024 total (year to date)	2023 total	2019-2022 average
Incident - category ▲	Incident - details ▲		PSIs	PSIs	PSIs
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	Inhalation of substance		6	21	21
	Other harmful substance exposure, specify:		—	—	9
Subtotal: Exposure - harmful substance (e.g. toxin, gas, poison, chemical)			<b>12</b>	<b>114</b>	<b>1,606</b>
Exposure - lack of oxygen	Choking on object, substance		—	1	0
	Drowning, submersion		—	—	0
	Other oxygen deficiency, specify:		1	—	—
	Oxygen depletion-confined space		—	—	1
Subtotal: Exposure - lack of oxygen			<b>1</b>	<b>1</b>	<b>2</b>
Exposure - noise	Exposure to noise		—	—	1
Subtotal: Exposure - noise			<b>—</b>	<b>—</b>	<b>1</b>
Exposure - radiation	Exposure to radiation		—	—	1
	Exposure to welding light		—	—	0
Subtotal: Exposure - radiation			<b>—</b>	<b>—</b>	<b>1</b>
Failure, collapse, upset, malfunction	Caught in collapsing material		—	5	6
	Caught in materials		—	—	3
	Excavation		—	1	2
	Improper positioning		—	1	2
	Landslide		—	—	0
	Other cave-in, specify:		—	—	1
	Overloaded		—	3	3
	Shifted or uneven load		4	5	6
	Structural failure or collapse		7	7	9
	Trench		—	1	0
Uneven surface		—	—	2	
Subtotal: Failure, collapse, upset, malfunction			<b>11</b>	<b>23</b>	<b>31</b>
Falls, jumps	Fall down stairs, steps		—	5	5



## Type of PSIs, by incident year

		Report table years ▼	2024 total (year to date)	2023 total	2019-2022 average
Incident - category ▲	Incident - details ▲		PSIs	PSIs	PSIs
Falls, jumps	Fall from ladder		4	17	11
	Fall from moving vehicle		—	1	1
	Fall from roof		—	—	5
	Fall from scaffold, staging, platform		2	5	10
	Fall on same level		3	6	10
	Fall onto or against object		—	3	2
	Fall to lower level		8	14	16
	Jump from scaffold, platform		1	—	0
	Jump to lower level		1	1	0
	Other fall or jump, specify:		1	1	1
Subtotal: Falls, jumps			<b>20</b>	<b>53</b>	<b>61</b>
Fires and explosions	Damaged gas line		1	1	5
	Explosion		—	—	2
	Fire		5	1	7
	Ignition of clothes		—	—	1
Subtotal: Fires and explosions			<b>6</b>	<b>2</b>	<b>14</b>
Other incident type	Exposure to traumatic event (e.g. workplace fatality)		—	—	1
	Job related stress		—	—	1
	Lost object, tool, equipment		3	1	—
	Other type of incident, specify:		—	3	30
Subtotal: Other incident type			<b>3</b>	<b>4</b>	<b>32</b>
Overexertion	Other overexertion, specify:		—	—	1
	Overexertion - lifting		1	—	2
	Overexertion - pulling or pushing object		1	—	2
	Overexertion - throwing object		—	—	0
	Overexertion - Twisting		—	—	0



## Type of PSIs, by incident year

		Report table years ▼	2024 total (year to date)	2023 total	2019-2022 average
Incident - category ▲	Incident - details ▲		PSIs	PSIs	PSIs
Subtotal: Overexertion			2	—	6
Repetitive motion injury	Other repetitive motion, specify:		—	1	0
	Repetitive use of tool, equipment		—	2	1
Subtotal: Repetitive motion injury			—	3	1
Slip, trip	Lost of balance		3	7	3
	Other slip or trip, specify:		—	—	1
	Over-step		—	—	1
	Slip on something		5	21	17
	Step in a hole		—	2	1
	Stepped on object		—	—	1
	Trip over something		4	12	5
	Uneven surface		3	2	1
Subtotal: Slip, trip			15	44	29
Vehicle incidents	Collision between vehicles		4	24	25
	Fall from moving vehicle		1	1	2
	Loss of control		5	12	7
	Other highway accident, specify:		—	—	2
	Other non-highway accident, specify:		1	1	4
	Pedestrian struck by vehicle		2	4	2
	Ran off road		1	1	2
	Rollover		6	14	11
Vehicle struck stationary object		4	14	8	
Subtotal: Vehicle incidents			24	71	63
Total			199	631	2,182





## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Animal or insects	Animal	6	14	5
	Insect, arachnid	—	1	0
Subtotal: Animal or insects		<b>6</b>	<b>15</b>	<b>6</b>
Biological hazards	Bacteria	—	1	22
	Bodily fluid, substance of person	—	9	69
	Infectious, parasitic agent	4	55	1,184
Subtotal: Biological hazards		<b>4</b>	<b>65</b>	<b>1,275</b>
Caught, contact or struck with object, tool, equipment	Contact or struck with running equipment, tool	—	—	0
	Stepped on object	—	—	0
	Struck by falling object	—	—	1
Subtotal: Caught, contact or struck with object, tool, equipment		<b>—</b>	<b>—</b>	<b>1</b>
Chemical or harmful substance	Acid	—	3	2
	Adhesive, glue	—	—	1
	Agricultural chemical	—	1	0
	Alcohol	—	—	0
	Aldehyde	—	1	0
	Ammonia, ammonium compound	1	6	2
	Aromatic hydrocarbon	—	—	2
	Asbestos	2	2	3
	Cement, mortar mix-dry	—	—	0
	Cement, mortar mix-wet	—	1	0
	Chlorine compound	1	4	2
	Cleaning, disinfectants, polishing agent	—	3	4
	Coal, natural gas, fuel, petroleum, crude oil	1	2	5
	Cryogenic gas	—	—	0
	Fluorine compound	—	—	0



## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Chemical or harmful substance	Hydrogen sulphide (H2S gas)	1	5	6
	Nitrogen dioxide	—	—	0
	Other chemical or harmful, specify and include CAS#:	—	3	4
	Oxygen, oxygen compound	1	—	2
	Paint, lacquer, shellac, varnish	—	—	0
	Silica	—	1	—
	Solvent, degreaser	—	—	1
	Sulphur, sulphur compound	—	—	1
	Welding, soldering fumes	—	—	1
Subtotal: Chemical or harmful substance		<b>7</b>	<b>32</b>	<b>36</b>
Container	Container - non-pressurized	—	4	2
	Container - pressurized	—	3	2
	Skid, pallet, racking	—	1	1
	Storage tank, vessel	—	2	—
Subtotal: Container		<b>—</b>	<b>10</b>	<b>5</b>
Crane, hoist, lifting device	Bucket, basket hoist-truck mount	—	4	2
	Conveyor-gravity	—	1	0
	Conveyor-powered	—	—	1
	Crane-gantry	—	2	1
	Crane-mobile, truck, rail mounted	1	2	6
	Crane-monorail, underhung	—	—	1
	Crane-overhead	2	8	7
	Crane-portal, tower, pillar	—	—	0
	Derrick-A-frame	1	3	0
	Derrick-guy	—	—	1
	Elevator	—	2	2



## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Crane, hoist, lifting device	Hoist	2	1	5
	Jack	1	5	1
	Manlift	—	1	2
	Storage, retrieval hoist system	—	—	1
Subtotal: Crane, hoist, lifting device		<b>7</b>	<b>29</b>	<b>28</b>
Drug, medication, food	Alcoholic beverage	—	1	1
	Beverage, Drink	—	—	0
	Drug - medicine	1	1	1
	Drug - nonmedicinal	—	1	1
	Food product	1	3	1
Subtotal: Drug, medication, food		<b>2</b>	<b>6</b>	<b>4</b>
Entrances, walkways, stairways	Door	3	6	5
	Gate	1	2	1
	Parking lot	2	1	1
	Sidewalk, path, outdoor walkway	2	1	4
	Stairs, steps, stairway	—	5	6
	Surface below ground level	1	1	1
Subtotal: Entrances, walkways, stairways		<b>9</b>	<b>16</b>	<b>18</b>
Environmental or related products (including fire, smoke)	Avalanche, mud slide	—	—	0
	Cold - environmental, temperature	2	1	2
	Dirt, earth	1	2	2
	Fire, flame	—	—	2
	Flood	—	—	1
	Fog	—	1	0
	Heat - environmental, temperature	—	—	1
	High air pressure	—	1	2



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Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Environmental or related products (including fire, smoke)	High wind, gusts	1	3	6
	Ice, sleet, snow	9	18	17
	Noise	—	—	1
	Other environmental condition, specify:	—	—	2
	Plant, tree - not processed	2	2	—
	Rain	—	2	1
	Rock, crushed stone	—	1	1
	Smoke, fire gases	—	—	1
	Sun	—	—	1
	Work environment	—	1	—
Subtotal: Environmental or related products (including fire, smoke)		<b>15</b>	<b>32</b>	<b>37</b>
Explosive, including ammunition	Ammunition	—	3	1
	Detonator, cable or wire	—	—	1
	Explosive, blasting agent	—	—	1
Subtotal: Explosive, including ammunition		—	<b>3</b>	<b>3</b>
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	Exposure to infectious disease or illness (e.g. COVID, SARS)	—	—	1
Subtotal: Exposure - harmful substance (e.g. toxin, gas, poison, chemical)		—	—	<b>1</b>
Failure, collapse, upset, malfunction	Shifted or uneven load	—	—	0
Subtotal: Failure, collapse, upset, malfunction		—	—	<b>0</b>
Furniture and fixtures	Lighting equipment	—	—	1
Subtotal: Furniture and fixtures		—	—	<b>1</b>
Machinery	Agricultural, garden machinery	—	4	2
	Air compressor	—	2	1
	Construction machinery	2	16	4
	Conveyor-belt	1	4	4
	Fan, blower, ventilation	—	1	—



## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Machinery	Food process machinery	—	1	4
	Food process machinery-special	—	1	0
	Heat, cool, cleaning machinery	2	2	4
	Industrial printing machinery	—	—	0
	Logging or wood processing machinery	1	1	1
	Material handling machinery	—	11	10
	Metal, woodwork machinery, including lathe, grinder, etc.	4	4	8
	Metal, woodworking machinery	—	—	2
	Mining or drilling machinery	6	3	—
	Office, business machinery, including computers	—	1	0
	Other machinery, specify:	—	2	6
	Overhead hoist	—	2	—
	Product assembly machinery	—	—	2
	Product test, inspect machine	—	—	1
	Pump	1	—	—
	Waste management machinery	—	—	1
Subtotal: Machinery		<b>17</b>	<b>55</b>	<b>49</b>
Medical supplies or equipment	Health care equipment	1	1	1
	Medical, x-ray machinery	—	—	1
	Needle, syringe	1	2	2
Subtotal: Medical supplies or equipment		<b>2</b>	<b>3</b>	<b>3</b>
Object, tool, or equipment	Belt, hose	1	2	—
	Chip, particle, splinter, dust	1	2	3
	Clothing, apparel, textile	1	2	2
	Construction Materials	6	27	43
	Cooking, eating utensil	—	3	2



## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Object, tool, or equipment	Drum, pulley, sheave	—	1	—
	Electrical wiring, currents	6	20	22
	Furniture	—	9	4
	Hand tool - non-powered	3	14	12
	Hand tool-power	3	13	9
	Lighting fixtures	—	1	1
	Lumber	2	2	—
	Nail, nut, bolt, washer, staple, screw	—	3	—
	Other object, tool, equipment, specify:	5	6	34
	Paper, book, magazine	—	1	0
	Photographic equipment	—	—	1
	Pipe, duct, tubing	6	6	—
	Plumbing fixtures	1	3	3
	Pool	—	—	0
	Recreation, athletic equipment	—	1	1
	Scrap, waste, debris, sewage	—	1	4
	Skid, pallet, racking	4	7	5
	Steam, vapor, liquid, water	—	4	4
	Storage tank, vessel	—	1	—
	Structural metal material	2	1	—
	Tar, sealant, insulation material	—	—	0
	Tarp, sheeting-non-metal	—	1	1
	Valve, nozzle	2	3	5
	Weapon	1	2	2
	Well	—	—	1
	Writing, drawing, art supplies	—	—	0



## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Subtotal: Object, tool, or equipment		44	136	154
Other sources	Other source, specify:	1	1	58
	Work environment	9	11	—
Subtotal: Other sources		10	12	58
Parts and materials	Other building material-solid, specify:	—	—	2
	Tarp ,sheeting-non-metal	—	—	0
Subtotal: Parts and materials		—	—	2
Person	Client, customer	6	25	41
	Co-worker	8	14	47
	Health care patient, resident	4	8	44
	Member of the public	2	8	26
	Other person - not injured, ill worker, specify:	1	—	39
	Prison inmate	—	—	1
Subtotal: Person		21	55	197
Personal protective equipment	Dust mask	—	—	1
	Face shield, welding mask	—	—	2
	Hard hat	—	1	1
	Lifeline, safety belt, harness	—	1	2
	Other personal protective equipment, specify:	1	1	13
	Protective clothing	—	1	4
	Respirator	—	—	4
	Safety glasses, goggles	—	1	8
Subtotal: Personal protective equipment		1	5	32
Persons, plants, animals, minerals	Co-worker of ill worker	—	—	28
	Customer	—	—	4
	Dirt, earth	—	—	1



## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Persons, plants, animals, minerals	Infectious, parasitic agent	—	—	49
	Plant, tree - not processed	—	—	0
	Sand, gravel	—	—	0
Subtotal: Persons, plants, animals, minerals		—	—	<b>83</b>
Power mobile equipment	All terrain vehicle	1	1	5
	Forklift	5	3	10
	Industrial vehicle - non-powered	1	—	2
	Industrial vehicle - powered	7	42	32
	Powered industrial carrier	—	—	1
	Snowmobile	—	—	0
	Tractor	—	1	3
Subtotal: Power mobile equipment		<b>14</b>	<b>47</b>	<b>52</b>
Rigging	Fastener, connector, rope, tie, chain, strap	3	7	5
	Hoisting accessory	—	1	7
Subtotal: Rigging		<b>3</b>	<b>8</b>	<b>12</b>
Safeguards	Guardrail, safety bars, road divider	3	3	5
	Opening cover	3	3	3
	Toe board	—	—	1
	Wire mesh	—	—	0
Subtotal: Safeguards		<b>6</b>	<b>6</b>	<b>8</b>
Scaffolds or temporary platforms	Extension ladder	1	6	2
	Ladder - fixed	—	3	2
	Scaffold - improvised staging	—	2	1
	Scaffold - self-supporting staging	—	2	2
	Scaffold - staging held by structure	2	2	4
	Scaffold - suspended staging	—	—	1





## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Scaffolds or temporary platforms	Step ladder	2	5	5
	Straight ladder	—	—	2
	Truck mounted ladder	—	2	0
Subtotal: Scaffolds or temporary platforms		<b>5</b>	<b>22</b>	<b>20</b>
Slip, trip	Trip over something	—	—	0
Subtotal: Slip, trip		<b>—</b>	<b>—</b>	<b>0</b>
Structure or infrastructure	Bridge, dam, lock	—	1	0
	Building	—	4	5
	Building - office, plant, residential	—	1	2
	Ditch, channel, trench, excavation	—	7	6
	Fence, fence panel	—	1	1
	Other structure, specify:	—	—	2
	Roof	—	—	2
	Roof truss	—	—	0
	Sewer, manhole, storm drain	—	1	1
	Sidewalk, path, outdoor walkway	—	—	1
	Stairs, steps	—	2	2
	Structure	5	3	4
Subtotal: Structure or infrastructure		<b>5</b>	<b>25</b>	<b>26</b>
Tools, instruments, and equipment	Other hand tool-non-powered, specify:	—	—	1
	Other hand tool-power, specify:	—	—	1
Subtotal: Tools, instruments, and equipment		<b>—</b>	<b>—</b>	<b>2</b>
Vehicles, including parts	Air vehicle and parts	—	—	0
	All terrain vehicle	1	2	0
	Bicycle	—	—	0



## Sources of PSIs, by incident year

Report table years ▼		2024 total (year to date)	2023 total	2019-2022 average
Source - category ▲	Source - details ▲	PSIs	PSIs	PSIs
Vehicles, including parts	Highway vehicle-non-motorized and parts	—	—	1
	Motor vehicle and parts	10	33	49
	Other vehicle and parts, specify:	—	1	7
	Rail vehicle and parts	—	1	2
	Semitrailer, tractor trailer, trailer truck and parts	6	9	—
	Trailer and parts	1	3	—
	Water vehicle and parts	1	—	1
Subtotal: Vehicles, including parts		19	49	60
Total		197	631	2,171



## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Animal or insects	Caught, contact or struck with object, tool, equipment	6	0%
	Exposure - animal, insect	28	0%
	Falls, jumps	4	0%
	Vehicle incidents	5	0%
Biological hazards	Assaults, violent acts, harassment	1	0%
	Caught, contact or struck with object, tool, equipment	2	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	5,166	49%
Caught, contact or struck with object, tool, equipment	Caught, contact or struck with object, tool, equipment	1	0%
	Exposure - electric current	1	0%
	Failure, collapse, upset, malfunction	1	0%
	Falls, jumps	1	0%
Chemical or harmful substance	Assaults, violent acts, harassment	1	0%
	Caught, contact or struck with object, tool, equipment	5	0%
	Contact or exposure - contents under pressure	3	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	157	2%
	Exposure - lack of oxygen	3	0%
	Falls, jumps	3	0%
	Fires and explosions	7	0%
	Other incident type	2	0%
Slip, trip	1	0%	
Container	Body movement	1	0%
	Caught, contact or struck with object, tool, equipment	18	0%
	Contact or exposure - contents under pressure	1	0%
	Contact or Exposure - extreme temperature	1	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	6	0%
	Failure, collapse, upset, malfunction	1	0%
	Slip, trip	1	0%



## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Crane, hoist, lifting device	Body movement	2	0%
	Caught, contact or struck with object, tool, equipment	83	1%
	Exposure - electric current	14	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	1	0%
	Failure, collapse, upset, malfunction	29	0%
	Falls, jumps	10	0%
	Other incident type	1	0%
	Overexertion	1	0%
	Slip, trip	2	0%
	Vehicle incidents	5	0%
Drug, medication, food	(missing)	1	0%
	Assaults, violent acts, harassment	3	0%
	Body movement	1	0%
	Caught, contact or struck with object, tool, equipment	5	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	5	0%
	Exposure - lack of oxygen	1	0%
	Falls, jumps	2	0%
	Other incident type	1	0%
	Slip, trip	1	0%
	Vehicle incidents	5	0%
Entrances, walkways, stairways	Body movement	3	0%
	Caught, contact or struck with object, tool, equipment	26	0%
	Exposure - electric current	2	0%
	Failure, collapse, upset, malfunction	5	0%
	Falls, jumps	25	0%
	Other incident type	1	0%
	Slip, trip	35	0%



## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Environmental or related products (including fire, smoke)	Caught, contact or struck with object, tool, equipment	38	1%
	Contact or exposure - contents under pressure	2	0%
	Contact or Exposure - extreme temperature	5	0%
	Exposure - animal, insect	1	0%
	Exposure - electric current	3	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	6	0%
	Exposure - noise	2	0%
	Failure, collapse, upset, malfunction	20	0%
	Falls, jumps	28	0%
	Fires and explosions	8	0%
	Other incident type	3	0%
	Slip, trip	50	0%
	Vehicle incidents	29	0%
	Explosive, including ammunition	Assaults, violent acts, harassment	1
Caught, contact or struck with object, tool, equipment		9	0%
Exposure - noise		1	0%
Fires and explosions		1	0%
Other incident type		2	0%
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	2	0%
Failure, collapse, upset, malfunction	Falls, jumps	1	0%
Furniture and fixtures	Exposure - electric current	1	0%
	Falls, jumps	1	0%
	Fires and explosions	1	0%
	Machinery	Body movement	2
Caught, contact or struck with object, tool, equipment		180	2%
Contact or exposure - contents under pressure		6	0%



## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Machinery	Contact or Exposure - extreme temperature	7	0%
	Exposure - electric current	26	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	13	0%
	Exposure - radiation	1	0%
	Failure, collapse, upset, malfunction	7	0%
	Falls, jumps	3	0%
	Fires and explosions	8	0%
	Other incident type	3	0%
	Overexertion	2	0%
	Repetitive motion injury	1	0%
	Slip, trip	2	0%
	Vehicle incidents	7	0%
Medical supplies or equipment	Body movement	1	0%
	Caught, contact or struck with object, tool, equipment	11	0%
	Contact or exposure - contents under pressure	1	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	1	0%
	Exposure - radiation	1	0%
	Repetitive motion injury	1	0%
Object, tool, or equipment	Assaults, violent acts, harassment	11	0%
	Body movement	16	0%
	Caught, contact or struck with object, tool, equipment	421	5%
	Contact or exposure - contents under pressure	11	0%
	Contact or Exposure - extreme temperature	17	0%
	Exposure - electric current	114	2%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	17	0%
	Exposure - lack of oxygen	2	0%
Failure, collapse, upset, malfunction	28	0%	



## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Object, tool, or equipment	Falls, jumps	33	0%
	Fires and explosions	12	0%
	Other incident type	61	1%
	Overexertion	12	0%
	Repetitive motion injury	4	0%
	Slip, trip	32	0%
	Vehicle incidents	5	0%
Other sources	Body movement	8	0%
	Caught, contact or struck with object, tool, equipment	30	0%
	Contact or exposure - contents under pressure	3	0%
	Contact or Exposure - extreme temperature	3	0%
	Exposure - electric current	15	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	106	1%
	Exposure - noise	1	0%
	Failure, collapse, upset, malfunction	7	0%
	Falls, jumps	23	0%
	Fires and explosions	3	0%
	Other incident type	30	0%
	Overexertion	2	0%
	Slip, trip	18	0%
	Vehicle incidents	4	0%
Parts and materials	Caught, contact or struck with object, tool, equipment	2	0%
	Failure, collapse, upset, malfunction	2	0%
	Falls, jumps	1	0%
	Other incident type	1	0%
	Slip, trip	1	0%
Person	Assaults, violent acts, harassment	145	1%



## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Person	Body movement	7	0%
	Caught, contact or struck with object, tool, equipment	34	0%
	Exposure - electric current	3	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	613	6%
	Exposure - lack of oxygen	1	0%
	Failure, collapse, upset, malfunction	2	0%
	Falls, jumps	9	0%
	Fires and explosions	2	0%
	Other incident type	13	0%
	Overexertion	5	0%
	Slip, trip	3	0%
	Vehicle incidents	28	0%
Personal protective equipment	Body movement	3	0%
	Caught, contact or struck with object, tool, equipment	10	0%
	Exposure - electric current	2	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	106	1%
	Exposure - radiation	1	0%
	Falls, jumps	10	0%
	Other incident type	1	0%
	Slip, trip	1	0%
Persons, plants, animals, minerals	Assaults, violent acts, harassment	4	0%
	Caught, contact or struck with object, tool, equipment	3	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	320	3%
	Failure, collapse, upset, malfunction	1	0%
	Falls, jumps	1	0%
	Slip, trip	1	0%
	Vehicle incidents	1	0%





## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Power mobile equipment	Caught, contact or struck with object, tool, equipment	94	1%
	Contact or exposure - contents under pressure	2	0%
	Exposure - electric current	44	1%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	17	0%
	Failure, collapse, upset, malfunction	12	0%
	Falls, jumps	8	0%
	Fires and explosions	10	0%
	Other incident type	6	0%
	Slip, trip	2	0%
	Vehicle incidents	75	1%
Rigging	Caught, contact or struck with object, tool, equipment	46	1%
	Failure, collapse, upset, malfunction	8	0%
	Falls, jumps	2	0%
	Other incident type	3	0%
Safeguards	Caught, contact or struck with object, tool, equipment	11	0%
	Failure, collapse, upset, malfunction	1	0%
	Falls, jumps	25	0%
	Overexertion	1	0%
	Slip, trip	1	0%
	Vehicle incidents	4	0%
Scaffolds or temporary platforms	Body movement	3	0%
	Caught, contact or struck with object, tool, equipment	19	0%
	Exposure - electric current	1	0%
	Failure, collapse, upset, malfunction	4	0%
	Falls, jumps	78	1%
	Slip, trip	2	0%
Slip, trip	Slip, trip	1	0%



## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Structure or infrastructure	Body movement	2	0%
	Caught, contact or struck with object, tool, equipment	31	0%
	Exposure - electric current	12	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	7	0%
	Failure, collapse, upset, malfunction	26	0%
	Falls, jumps	30	0%
	Fires and explosions	6	0%
	Other incident type	3	0%
	Slip, trip	13	0%
	Vehicle incidents	5	0%
Tools, instruments, and equipment	Assaults, violent acts, harassment	1	0%
	Caught, contact or struck with object, tool, equipment	4	0%
	Exposure - electric current	2	0%
	Failure, collapse, upset, malfunction	1	0%
Vehicles, including parts	Assaults, violent acts, harassment	6	0%
	Body movement	1	0%
	Caught, contact or struck with object, tool, equipment	85	1%
	Contact or exposure - contents under pressure	1	0%
	Exposure - electric current	12	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	3	0%
	Exposure - lack of oxygen	1	0%
	Failure, collapse, upset, malfunction	3	0%
	Falls, jumps	14	0%
	Fires and explosions	3	0%
	Other incident type	2	0%
	Overexertion	1	0%
	Slip, trip	6	0%



## Linkage between PSI sources and type of incident, 2019-2024

Source - category ▲	Incident - category ▲	Total #	Total %
Vehicles, including parts	Vehicle incidents	170	2%
Total		<b>9,513</b>	<b>100%</b>

# End of report

## 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/pre-screening/](http://oirportal.labour.alberta.ca/pre-screening/)

### **Website**

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

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