

Potentially serious incidents (PSIs) report

Report date

**3 April,
2024**

Reported PSIs, by incident year

Year ▼	Total #	% with injured persons	% COVID-19
2024	80	57%	5%
2023	625	62%	12%
2022	2,589	54%	78%
2021	2,830	17%	86%
2020	2,191	18%	81%
2019	1,116	41%	0%
Total	9,431	33%	67%

Employers reporting PSIs, by incident year

Year ▼	# unique PSI-reporting employers
2024	84
2023	481
2022	627
2021	661
2020	521
2019	730
Total	2,283

Note: 2024 represents year-to-date data.

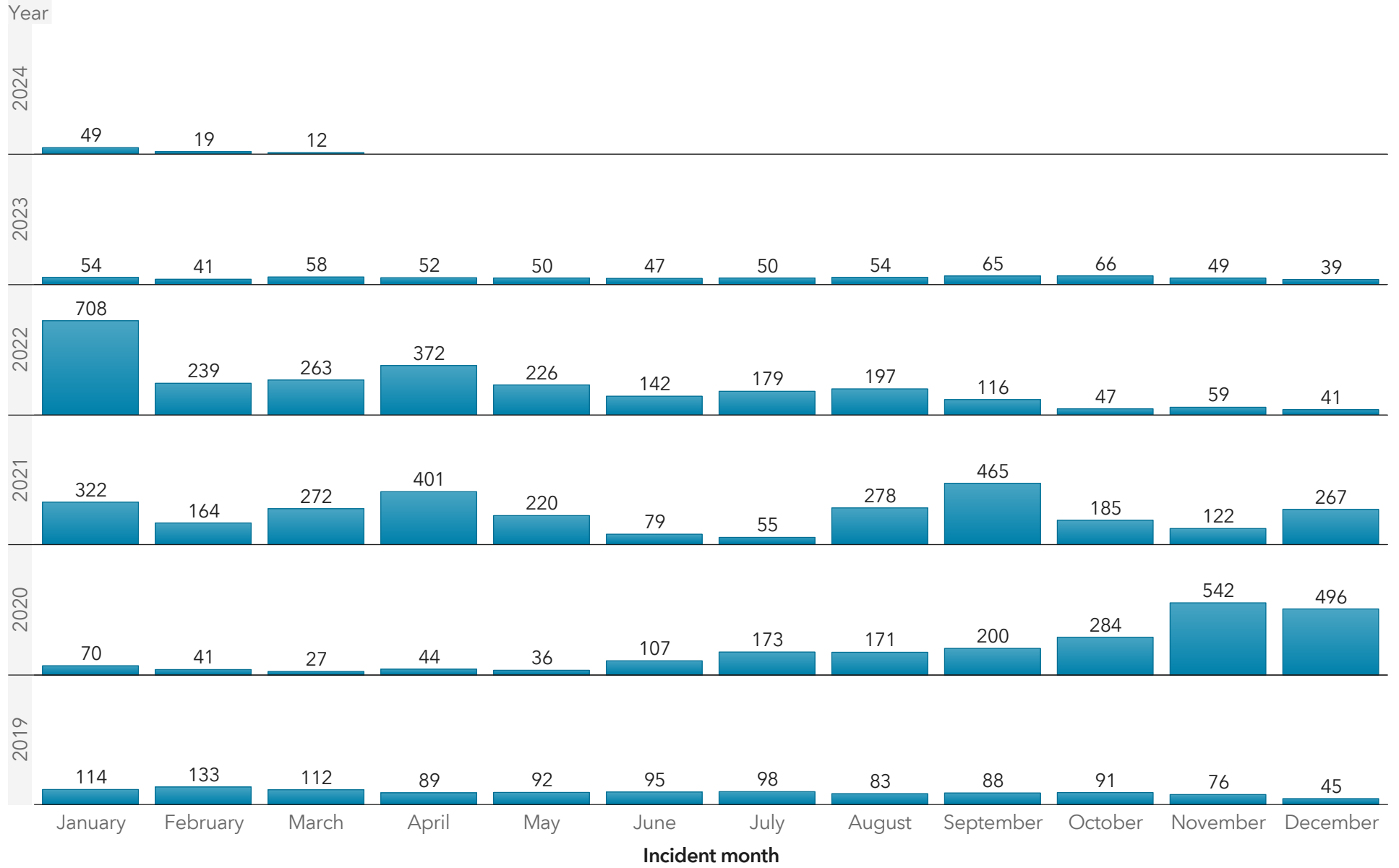
PSI reporting began on June 1, 2018. The definition was modified in December 2018 and December 2021. This report only includes data from January 2019 and onwards.



Produced by the OHS Surveillance Program, email: OHSsurveillance@gov.ab.ca

PSIs overview

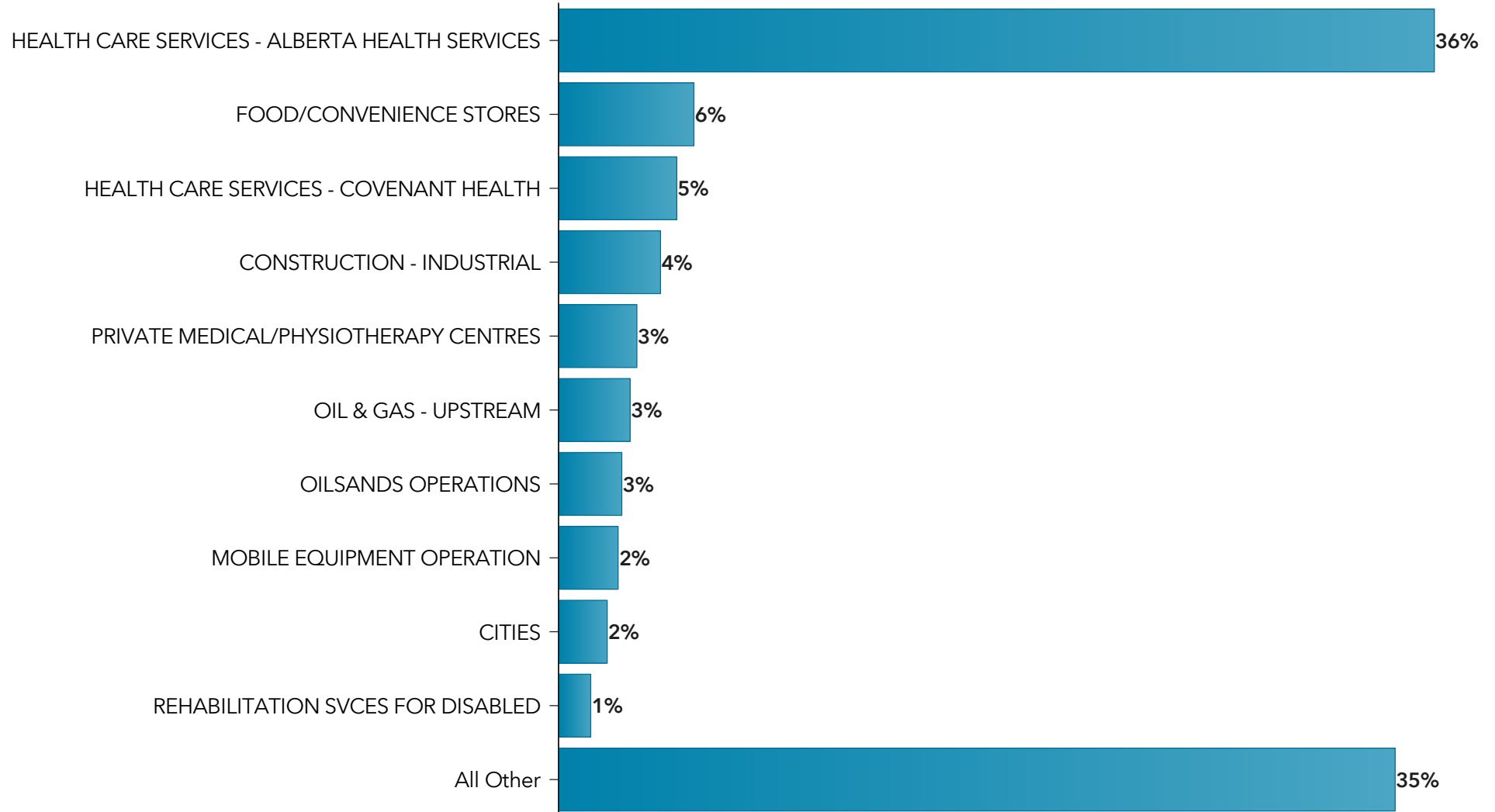
Number of PSIs, by incident month and year, 2019-2024



Note: 2024 represents year-to-date data.

Industries involved

Top 10: Industries involved in PSIs, 2019-2024



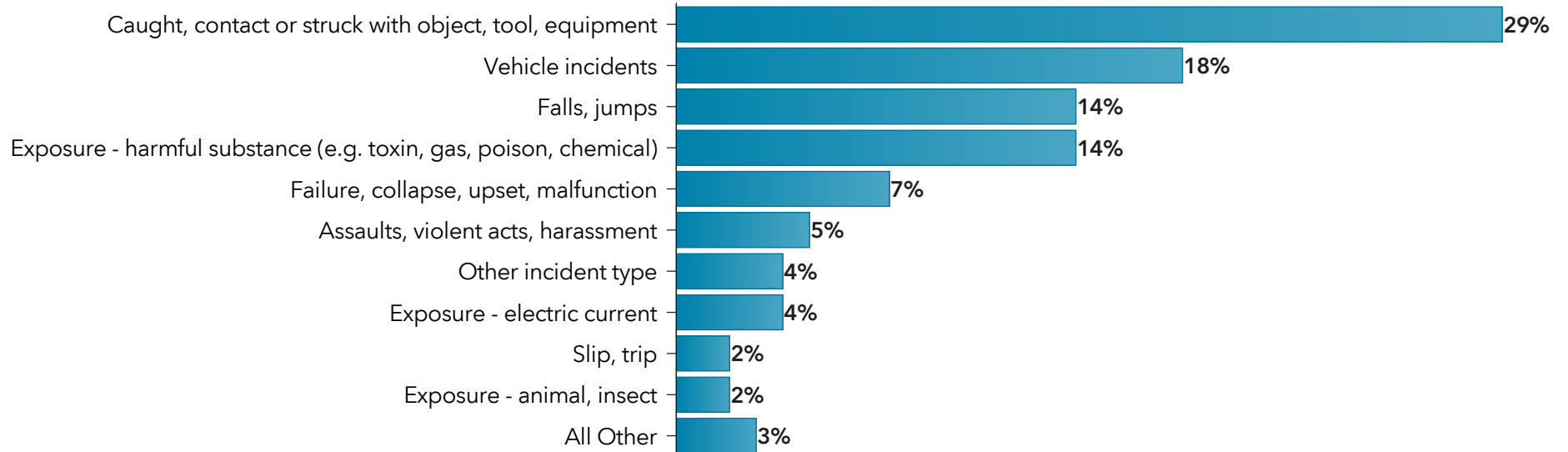
Note: 2024 represents year-to-date data.

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

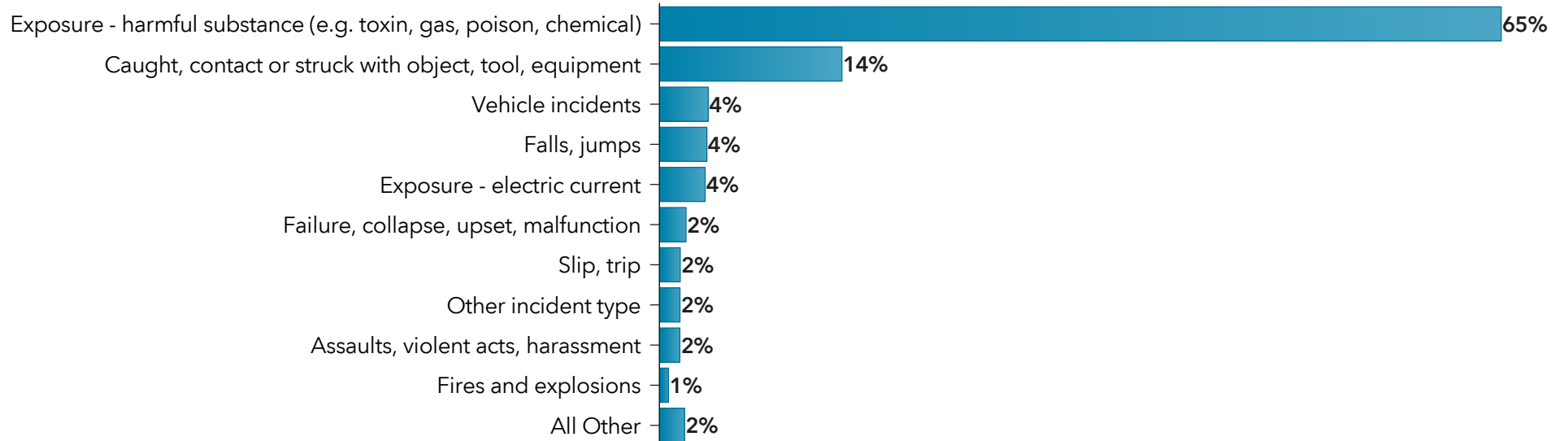
A PSI can involved multiple industries.

Type of incident (overview)

Top 10: PSIs by reported incident type, 2024



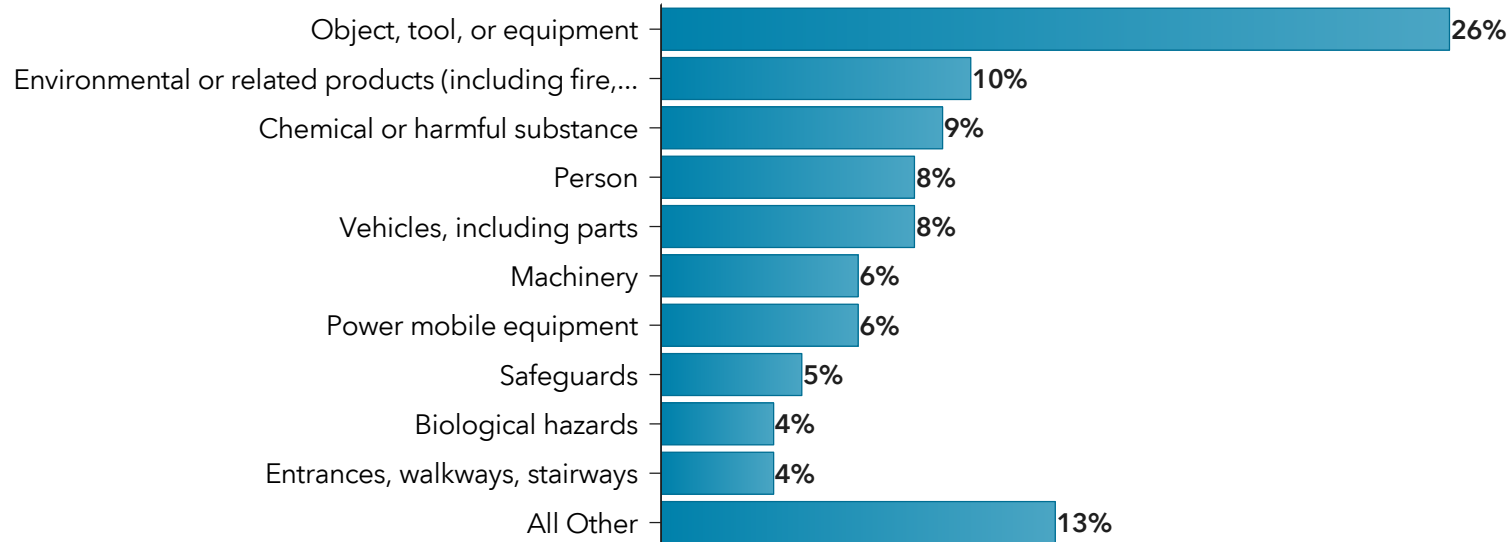
Top 10: PSIs by reported incident type, 2019-2023



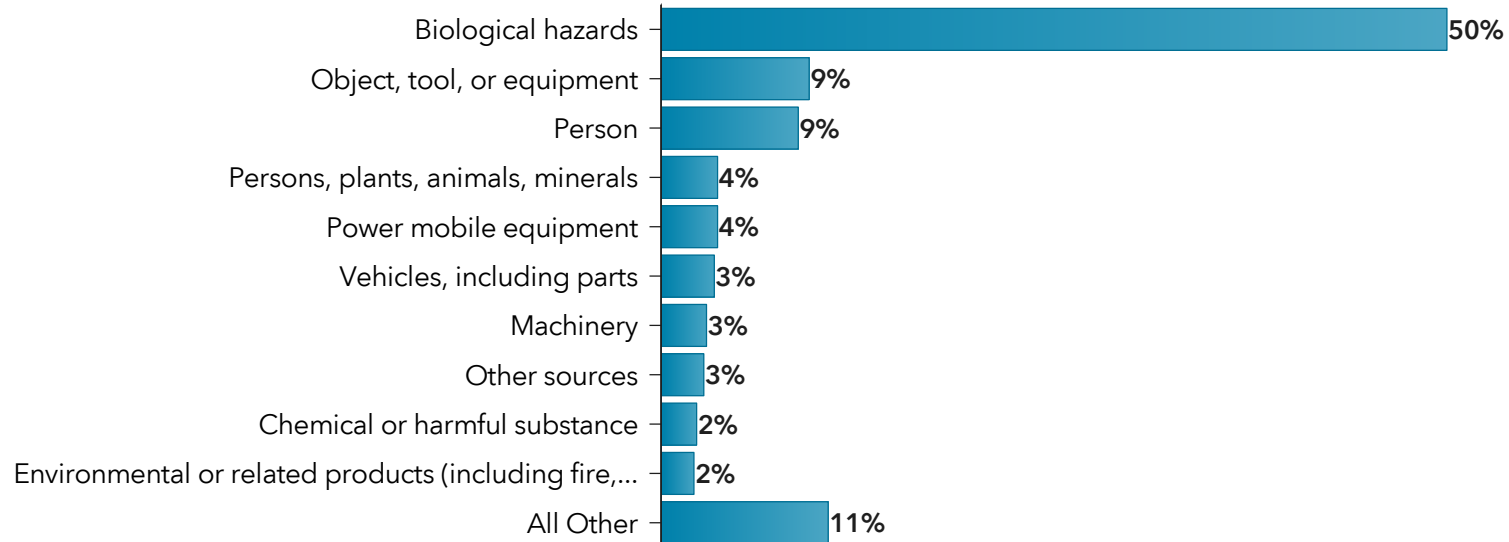
Note: 2024 represents year-to-date data.

Source of incident (overview)

Top 10: PSIs by reported source of incident, 2024



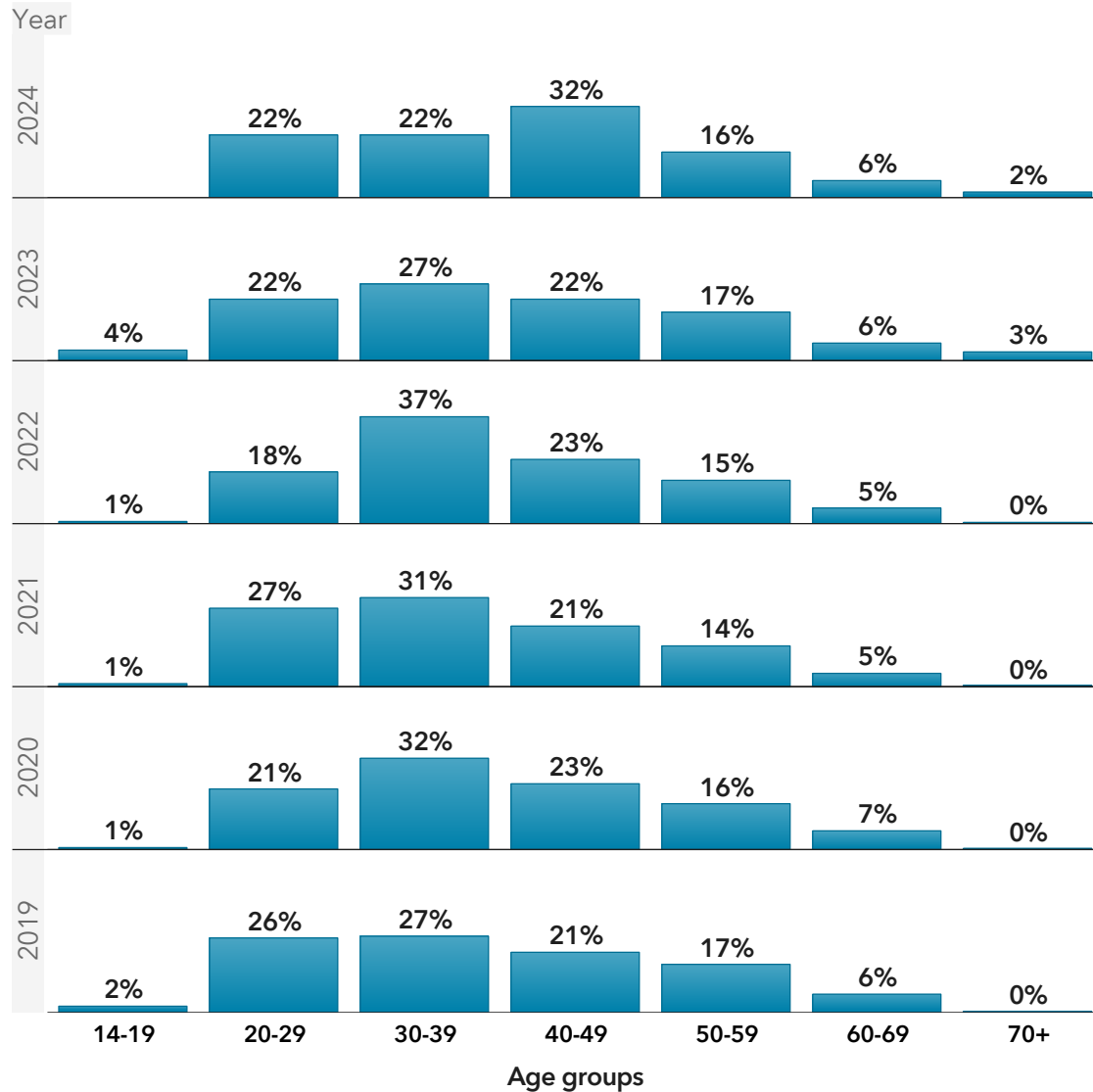
Top 10: PSIs by reported source of incident, 2019-2023



Note: 2024 represents year-to-date data.

Injured person (overview)

Age distribution of PSI injured persons, 2019-2024

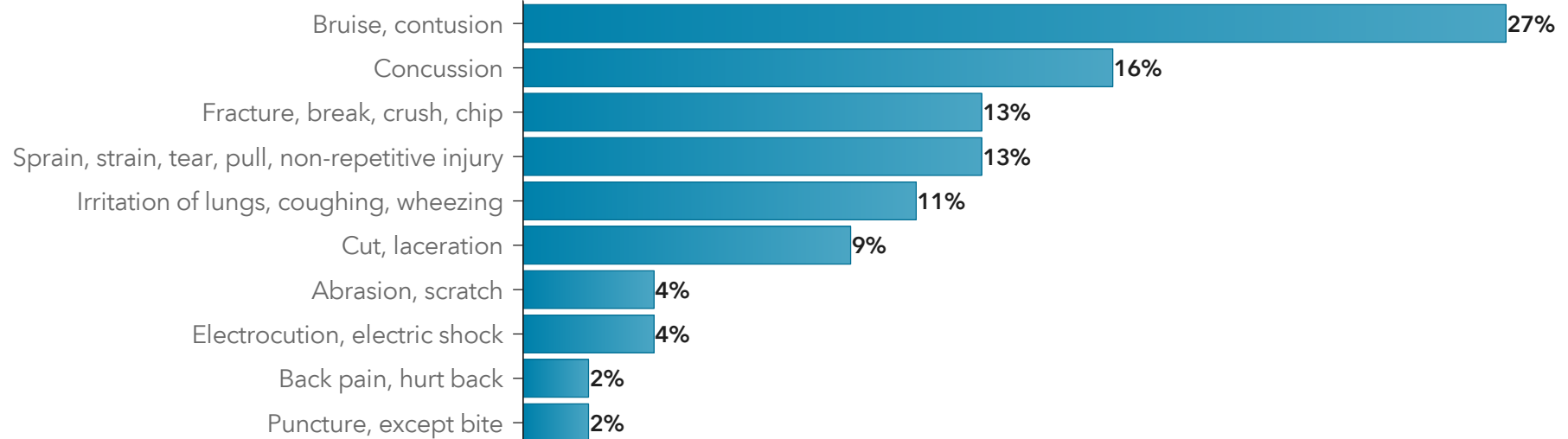


Note: 2024 represents year-to-date data.

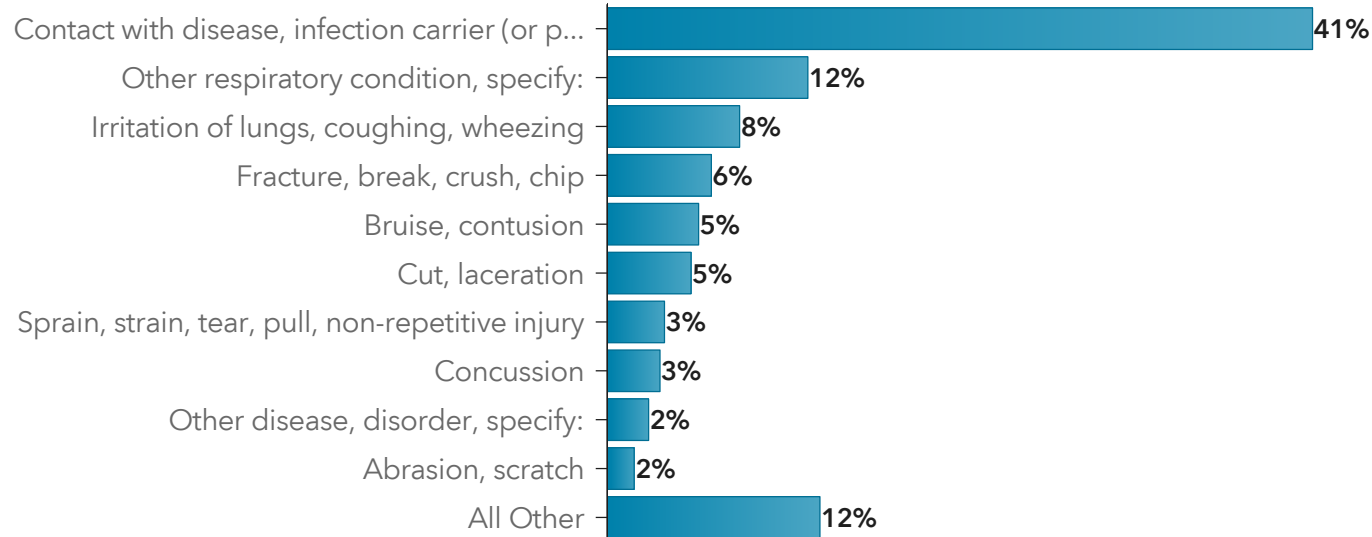
Year ▼	Total #	Injured workers	Injured non-workers	% COVID-19 injured workers
2024	50	49	1	12%
2023	493	466	27	29%
2022	2,138	2,070	68	82%
2021	866	832	34	84%
2020	716	702	14	77%
2019	497	477	20	0%
Total	4,760	4,596	164	67%

Type of injury (Overview)

Top 10: PSIs by type of injury reported, 2024



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

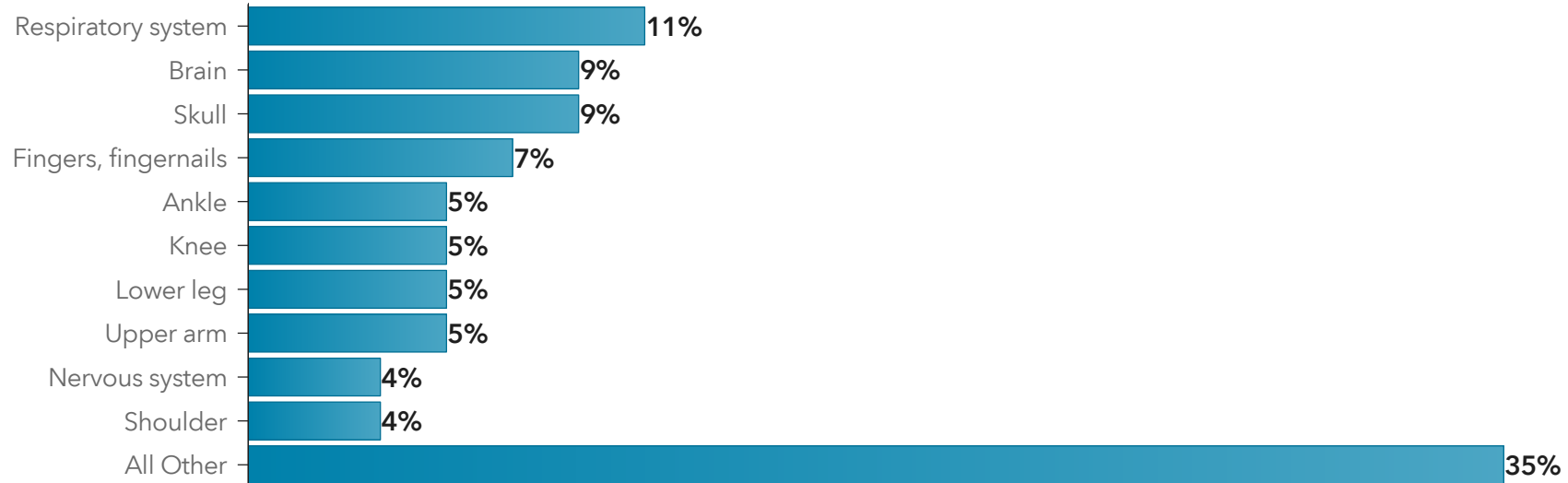


Note: 2024 represents year-to-date data.
A person could have multiple injuries reported.

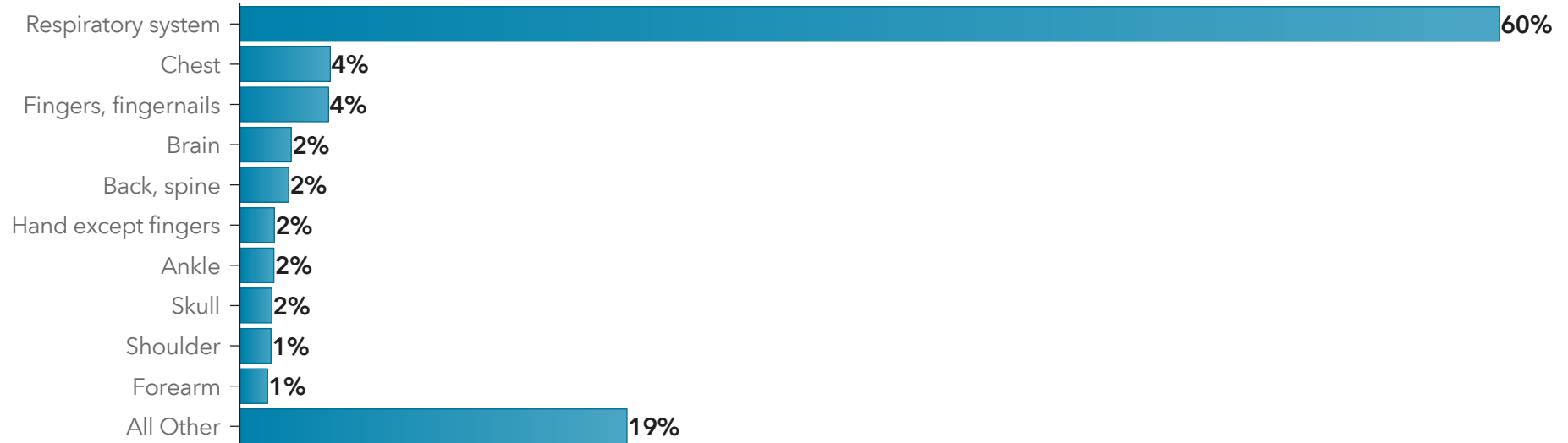


Part of body injured

Top 10: PSIs by body parts injured, 2024



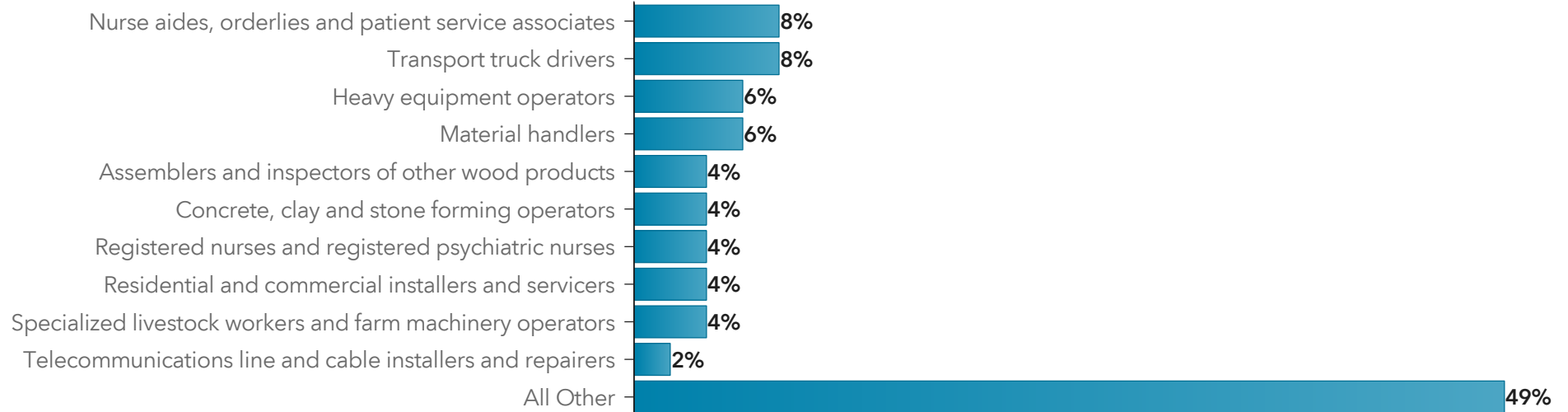
Top 10: PSIs by body parts injured, 2019-2023



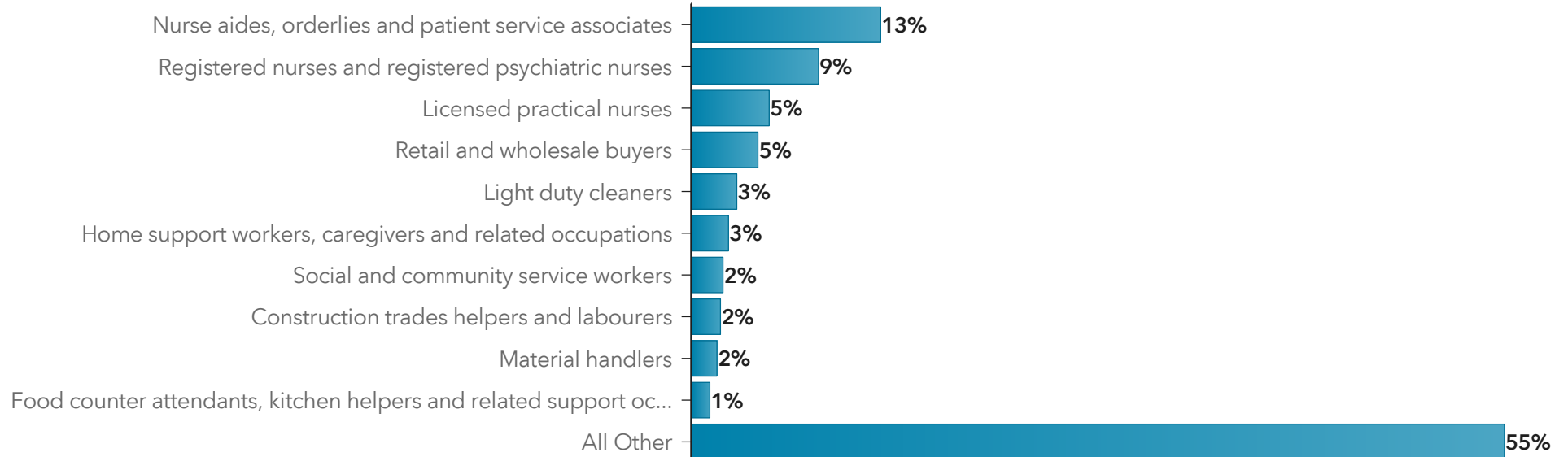
*Note: 2024 represents year-to-date data.
A person could have multiple injuries reported.*

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 action

UNDER CONSTRUCTION

We are updating the corrective actions data. Once the update is complete, the corrective actions data will return to the report.

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		4	28	29
	Bullying		—	—	1
	Other assault, violent act, harassment, specify:		—	1	—
	Sexual assault or harassment		—	—	0
	Struck by person, non-intentional assault (e.g. training)		—	—	1
	Threat or verbal assault		1	—	2
Subtotal: Assaults, violent acts, harassment			5	29	32
Body movement	Bend, climb, crawl, reach, twist, kneel		1	3	5
	Lifting		—	3	2
	Other bodily movement, specify:		—	—	2
	Running		—	—	0
	Standing		—	—	1
	Walking		—	3	1
Subtotal: Body movement			1	9	10
Caught, contact or struck with object, tool, equipment	Caught in or between object, tool, equipment		2	39	39
	Caught in running tool, equipment		1	12	8
	Contact or struck with object, tool, equipment		8	65	69
	Contact or struck with running equipment, tool		1	15	16
	Contact with sharp object		1	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		5	36	45
	Struck by flying object		2	12	11
Struck by sliding or falling object		1	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		—	5	1
	Struck by swinging or slipping object		1	4	5
Subtotal: Caught, contact or struck with object, tool, equipment			23	214	227
Contact or exposure - contents under pressure	Contact or struck with pressured air or water or gas		—	4	6
	Exposed to air pressure change		—	—	0
	Pressure change underwater		—	—	0
Subtotal: Contact or exposure - contents under pressure			—	4	7
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			—	2	8
Exposure - animal, insect	Attack or assault by animal		2	10	3
	Bug bite or sting		—	1	0
	Other animal, insect exposure, specify:		—	1	—
Subtotal: Exposure - animal, insect			2	12	3
Exposure - electric current	Contact with electric current		2	16	17
	Contact with overhead power line		1	8	16
	Contact with underground power line		—	14	10
	Contact with wiring		—	8	8
Subtotal: Exposure - electric current			3	46	51
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	Contact with skin or exposed tissue		—	7	10
	Damaged gas line		1	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		5	17	21
	Other harmful substance exposure, specify:		—	—	9
Subtotal: Exposure - harmful substance (e.g. toxin, gas, poison, chemical)			10	110	1,606
Exposure - lack of oxygen	Choking on object, substance		—	1	0
	Drowning, submersion		—	—	0
	Oxygen depletion-confined space		—	—	1
Subtotal: Exposure - lack of oxygen			—	1	2
Exposure - noise	Exposure to noise		—	—	1
Subtotal: Exposure - noise			—	—	1
Exposure - radiation	Exposure to radiation		—	—	1
	Exposure to welding light		—	—	0
Subtotal: Exposure - radiation			—	—	1
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		2	5	6
	Structural failure or collapse		2	7	9
	Trench		—	1	0
Uneven surface		—	—	2	
Subtotal: Failure, collapse, upset, malfunction			4	23	31
Falls, jumps	Fall down stairs, steps		—	5	5
	Fall from ladder		1	17	11



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 moving vehicle		—	1	1
	Fall from roof		—	—	5
	Fall from scaffold, staging, platform		—	5	10
	Fall on same level		4	6	10
	Fall onto or against object		—	3	2
	Fall to lower level		4	14	16
	Jump from scaffold, platform		—	—	0
	Jump to lower level		1	1	0
	Other fall or jump, specify:		1	1	1
Subtotal: Falls, jumps			11	53	61
Fires and explosions	Damaged gas line		—	1	5
	Explosion		—	—	2
	Fire		1	1	7
	Ignition of clothes		—	—	1
Subtotal: Fires and explosions			1	2	14
Other incident type	Exposure to traumatic event (e.g. workplace fatality)		—	—	1
	Job related stress		—	—	1
	Lost object, tool, equipment		2	1	—
	Other type of incident, specify:		—	2	30
Subtotal: Other incident type			2	3	32
Overexertion	Other overexertion, specify:		—	—	1
	Overexertion - lifting		—	—	2
	Overexertion - pulling or pushing object		1	—	2
	Overexertion - throwing object		—	—	0
	Overexertion - Twisting		—	—	0
Subtotal: Overexertion			1	—	6



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
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		—	7	3
	Other slip or trip, specify:		—	—	1
	Over-step		—	—	1
	Slip on something		2	21	17
	Step in a hole		—	2	1
	Stepped on object		—	—	1
	Trip over something		—	11	5
	Uneven surface		—	2	1
Subtotal: Slip, trip			2	43	29
Vehicle incidents	Collision between vehicles		3	23	25
	Fall from moving vehicle		—	1	2
	Loss of control		5	13	7
	Other highway accident, specify:		—	—	2
	Other non-highway accident, specify:		1	1	4
	Pedestrian struck by vehicle		1	4	2
	Ran off road		1	1	2
	Rollover		2	14	11
Subtotal: Vehicle incidents			15	71	63
Total			80	625	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	2	14	5
	Insect, arachnid	—	1	0
Subtotal: Animal or insects		2	15	6
Biological hazards	Bacteria	—	1	22
	Bodily fluid, substance of person	—	9	69
	Infectious, parasitic agent	4	55	1,184
Subtotal: Biological hazards		4	65	1,275
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		—	—	1
Chemical or harmful substance	Acid	—	2	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	—	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	2	6
	Nitrogen dioxide	—	—	0
	Other chemical or harmful, specify and include CAS#:	—	3	4
	Oxygen, oxygen compound	—	—	2
	Paint, lacquer, shellac, varnish	—	—	0
	Silica	—	1	—
	Solvent, degreaser	—	—	1
	Sulphur, sulphur compound	—	—	1
	Welding, soldering fumes	—	—	1
Subtotal: Chemical or harmful substance		5	28	36
Container	Container - non-pressurized	—	4	2
	Container - pressurized	—	3	2
	Skid, pallet, racking	—	1	1
	Storage tank, vessel	—	2	—
Subtotal: Container		—	10	5
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	—	2	6
	Crane-monorail, underhung	—	—	1
	Crane-overhead	—	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	—	1	5
	Jack	—	5	1
	Manlift	—	1	2
	Storage, retrieval hoist system	—	—	1
Subtotal: Crane, hoist, lifting device		1	29	28
Drug, medication, food	Alcoholic beverage	—	1	1
	Beverage, Drink	—	—	0
	Drug - medicine	—	1	1
	Drug - nonmedicinal	—	1	1
	Food product	—	3	1
Subtotal: Drug, medication, food		—	6	4
Entrances, walkways, stairways	Door	1	6	5
	Gate	—	2	1
	Parking lot	—	1	1
	Sidewalk, path, outdoor walkway	1	1	4
	Stairs, steps, stairway	—	5	6
	Surface below ground level	1	1	1
Subtotal: Entrances, walkways, stairways		3	16	18
Environmental or related products (including fire, smoke)	Avalanche, mud slide	—	—	0
	Cold - environmental, temperature	2	1	2
	Dirt, earth	—	2	2
	Fire, flame	—	—	2
	Flood	—	—	1
	Fog	—	1	0
	Heat - environmental, temperature	—	—	1
	High air pressure	—	1	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
Environmental or related products (including fire, smoke)	High wind, gusts	—	3	6
	Ice, sleet, snow	4	18	17
	Noise	—	—	1
	Other environmental condition, specify:	—	—	2
	Plant, tree - not processed	1	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)		7	32	37
Explosive, including ammunition	Ammunition	—	3	1
	Detonator, cable or wire	—	—	1
	Explosive, blasting agent	—	—	1
Subtotal: Explosive, including ammunition		—	3	3
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)		—	—	1
Failure, collapse, upset, malfunction	Shifted or uneven load	—	—	0
Subtotal: Failure, collapse, upset, malfunction		—	—	0
Furniture and fixtures	Lighting equipment	—	—	1
Subtotal: Furniture and fixtures		—	—	1
Machinery	Agricultural, garden machinery	—	4	2
	Air compressor	—	2	1
	Construction machinery	1	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	1	2	4
	Industrial printing machinery	—	—	0
	Logging or wood processing machinery	—	1	1
	Material handling machinery	—	11	10
	Metal, woodwork machinery, including lathe, grinder, etc.	2	4	8
	Metal, woodworking machinery	—	—	2
	Mining or drilling machinery	1	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
	Waste management machinery	—	—	1
Subtotal: Machinery		6	55	49
Medical supplies or equipment	Health care equipment	—	1	1
	Medical, x-ray machinery	—	—	1
	Needle, syringe	1	2	2
Subtotal: Medical supplies or equipment		1	3	3
Object, tool, or equipment	Belt, hose	—	2	—
	Chip, particle, splinter, dust	—	2	3
	Clothing, apparel, textile	—	2	2
	Construction Materials	4	26	43
	Cooking, eating utensil	—	3	2
	Drum, pulley, sheave	—	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
Object, tool, or equipment	Electrical wiring, currents	3	20	22
	Furniture	—	9	4
	Hand tool - non-powered	2	14	12
	Hand tool-power	1	13	9
	Lighting fixtures	—	1	1
	Lumber	—	2	—
	Nail, nut, bolt, washer, staple, screw	—	3	—
	Other object, tool, equipment, specify:	4	6	34
	Paper, book, magazine	—	1	0
	Photographic equipment	—	—	1
	Pipe, duct, tubing	2	5	—
	Plumbing fixtures	1	3	3
	Pool	—	—	0
	Recreation, athletic equipment	—	1	1
	Scrap, waste, debris, sewage	—	1	4
	Skid, pallet, racking	2	7	5
	Steam, vapor, liquid, water	—	4	4
	Storage tank, vessel	—	1	—
	Structural metal material	—	1	—
	Tar, sealant, insulation material	—	—	0
	Tarp, sheeting-non-metal	—	1	1
	Valve, nozzle	1	3	5
	Weapon	—	2	2
	Well	—	—	1
Writing, drawing, art supplies	—	—	0	
Subtotal: Object, tool, or equipment		20	134	154



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
Other sources	Other source, specify:	1	1	58
	Work environment	2	10	—
Subtotal: Other sources		3	11	58
Parts and materials	Other building material-solid, specify:	—	—	2
	Tarp ,sheeting-non-metal	—	—	0
Subtotal: Parts and materials		—	—	2
Person	Client, customer	3	25	41
	Co-worker	4	14	47
	Health care patient, resident	1	8	44
	Member of the public	—	8	26
	Other person - not injured, ill worker, specify:	—	—	39
	Prison inmate	—	—	1
Subtotal: Person		8	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	13
	Protective clothing	—	1	4
	Respirator	—	—	4
	Safety glasses, goggles	—	1	8
Subtotal: Personal protective equipment		—	5	32
Persons, plants, animals, minerals	Co-worker of ill worker	—	—	28
	Customer	—	—	4
	Dirt, earth	—	—	1
	Infectious, parasitic agent	—	—	49



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	Plant, tree - not processed	—	—	0
	Sand, gravel	—	—	0
Subtotal: Persons, plants, animals, minerals		—	—	83
Power mobile equipment	All terrain vehicle	1	1	5
	Forklift	3	3	10
	Industrial vehicle - non-powered	—	—	2
	Industrial vehicle - powered	1	43	32
	Powered industrial carrier	—	—	1
	Snowmobile	—	—	0
	Tractor	—	1	3
Subtotal: Power mobile equipment		5	48	52
Rigging	Fastener, connector, rope, tie, chain, strap	1	7	5
	Hoisting accessory	—	1	7
Subtotal: Rigging		1	8	12
Safeguards	Guardrail, safety bars, road divider	2	3	5
	Opening cover	2	3	3
	Toe board	—	—	1
	Wire mesh	—	—	0
Subtotal: Safeguards		4	6	8
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	4
	Scaffold - suspended staging	—	—	1
	Step ladder	—	5	5



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	Straight ladder	—	—	2
	Truck mounted ladder	—	2	0
Subtotal: Scaffolds or temporary platforms		1	22	20
Slip, trip	Trip over something	—	—	0
Subtotal: Slip, trip		—	—	0
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	—	3	4
Tower, pole-installed	—	5	1	
Subtotal: Structure or infrastructure		—	25	26
Tools, instruments, and equipment	Other hand tool-non-powered, specify:	—	—	1
	Other hand tool-power, specify:	—	—	1
Subtotal: Tools, instruments, and equipment		—	—	2
Vehicles, including parts	Air vehicle and parts	—	—	0
	All terrain vehicle	1	2	0
	Bicycle	—	—	0
	Highway vehicle-non-motorized and parts	—	—	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
Vehicles, including parts	Motor vehicle and parts	4	33	49
	Other vehicle and parts, specify:	—	1	7
	Rail vehicle and parts	—	1	2
	Semitrailer, tractor trailer, trailer truck and parts	3	9	—
	Trailer and parts	—	3	—
	Water vehicle and parts	—	—	1
Subtotal: Vehicles, including parts		8	49	60
Total		79	625	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	5	0%
	Exposure - animal, insect	26	0%
	Falls, jumps	3	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	50%
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)	153	2%
	Exposure - lack of oxygen	2	0%
	Falls, jumps	3	0%
	Fires and explosions	6	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	79	1%
	Exposure - electric current	14	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	1	0%
	Failure, collapse, upset, malfunction	27	0%
	Falls, jumps	10	0%
	Other incident type	1	0%
	Overexertion	1	0%
	Slip, trip	2	0%
	Vehicle incidents	5	0%
Drug, medication, food	Assaults, violent acts, harassment	3	0%
	Body movement	1	0%
	Caught, contact or struck with object, tool, equipment	4	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	4	0%
	Caught, contact or struck with object, tool, equipment	22	0%
	Exposure - electric current	2	0%
	Failure, collapse, upset, malfunction	5	0%
	Falls, jumps	25	0%
	Slip, trip	33	0%
Environmental or related products (including fire, smoke)	Caught, contact or struck with object, tool, equipment	36	0%
	Contact or exposure - contents under pressure	2	0%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Environmental or related products (including fire, smoke)	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	25	0%
	Fires and explosions	8	0%
	Other incident type	3	0%
	Slip, trip	48	0%
	Vehicle incidents	28	0%
Explosive, including ammunition	Assaults, violent acts, harassment	1	0%
	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	0%
	Caught, contact or struck with object, tool, equipment	172	2%
	Contact or exposure - contents under pressure	6	0%
	Contact or Exposure - extreme temperature	7	0%
	Exposure - electric current	25	0%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Machinery	Exposure - radiation	1	0%
	Failure, collapse, upset, malfunction	7	0%
	Falls, jumps	3	0%
	Fires and explosions	6	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	10	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	10	0%
	Body movement	16	0%
	Caught, contact or struck with object, tool, equipment	406	5%
	Contact or exposure - contents under pressure	11	0%
	Contact or Exposure - extreme temperature	17	0%
	Exposure - electric current	112	2%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	17	0%
	Exposure - lack of oxygen	2	0%
	Failure, collapse, upset, malfunction	26	0%
	Falls, jumps	35	0%
	Fires and explosions	12	0%
	Other incident type	60	1%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Object, tool, or equipment	Overexertion	11	0%
	Repetitive motion injury	4	0%
	Slip, trip	27	0%
	Vehicle incidents	4	0%
Other sources	Body movement	6	0%
	Caught, contact or struck with object, tool, equipment	31	0%
	Contact or exposure - contents under pressure	2	0%
	Contact or Exposure - extreme temperature	3	0%
	Exposure - electric current	13	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	14	0%
	Vehicle incidents	4	0%
	Parts and materials	Caught, contact or struck with object, tool, equipment	2
Failure, collapse, upset, malfunction		2	0%
Falls, jumps		1	0%
Other incident type		1	0%
Slip, trip		1	0%
Person	Assaults, violent acts, harassment	134	1%
	Body movement	7	0%
	Caught, contact or struck with object, tool, equipment	32	0%
	Exposure - electric current	3	0%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Person	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	612	6%
	Exposure - lack of oxygen	1	0%
	Failure, collapse, upset, malfunction	2	0%
	Falls, jumps	10	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	9	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%
Power mobile equipment	Caught, contact or struck with object, tool, equipment	91	1%
	Contact or exposure - contents under pressure	2	0%
	Exposure - electric current	43	1%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Power mobile equipment	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	17	0%
	Failure, collapse, upset, malfunction	11	0%
	Falls, jumps	8	0%
	Fires and explosions	10	0%
	Other incident type	6	0%
	Slip, trip	2	0%
	Vehicle incidents	72	1%
Rigging	Caught, contact or struck with object, tool, equipment	44	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	23	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	74	1%
	Slip, trip	2	0%
Slip, trip	Slip, trip	1	0%
Structure or infrastructure	Body movement	2	0%
	Caught, contact or struck with object, tool, equipment	30	0%
	Exposure - electric current	12	0%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Structure or infrastructure	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	7	0%
	Failure, collapse, upset, malfunction	24	0%
	Falls, jumps	29	0%
	Fires and explosions	5	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	82	1%
	Contact or exposure - contents under pressure	1	0%
	Exposure - electric current	11	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	2	0%
	Exposure - lack of oxygen	1	0%
	Failure, collapse, upset, malfunction	3	0%
	Falls, jumps	13	0%
	Fires and explosions	2	0%
	Other incident type	2	0%
	Overexertion	1	0%
	Slip, trip	6	0%
	Vehicle incidents	166	2%
Total		9,389	100%

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

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

oirportal.labour.alberta.ca/pre-screening/

Website

alberta.ca/report-potentially-serious-incidents.aspx

© 2024 Government of Alberta This material is for information only. The information provided in this material is solely for the user's information and convenience and, while thought to be accurate and functional, it is provided without warranty of any kind. The Crown, its agents, employees or contractors will not be liable to you for any damages, direct or indirect, arising out of your use of the information contained in this material. If in doubt with respect to any information contained within this material, or for confirmation of legal requirements, please refer to the current edition of the Occupational Health and Safety Act, Regulation and Code or other applicable legislation. Further, if there is any inconsistency or conflict between any of the information contained in this material and the applicable legislative requirement, the legislative requirement shall prevail. This material is current to 'Report date'. The law is constantly changing with new legislation, amendments to existing legislation, and decisions from the courts. It is important that you keep yourself informed of the current law. This material may be used, reproduced, stored or transmitted for non-commercial purposes. The source of this material must be acknowledged when publishing or issuing it to others. This material is not to be used, reproduced, stored or transmitted for commercial purposes without written permission from the Government of Alberta.

