

Potentially serious incidents (PSIs) report

Report date

**15 January,
2025**

Reported PSIs, by incident year

Year ▼	Total #	% with injured persons	% COVID-19
2024	453	55%	1%
2023	634	61%	12%
2022	2,589	54%	78%
2021	2,830	17%	86%
2020	2,191	18%	81%
2019	1,116	41%	0%
Total	9,813	34%	64%

Employers reporting PSIs, by incident year

Year ▼	# unique PSI-reporting employers
2024	360
2023	444
2022	565
2021	667
2020	519
2019	642
Total	2,429

Note: 2024 represents year-to-date data.

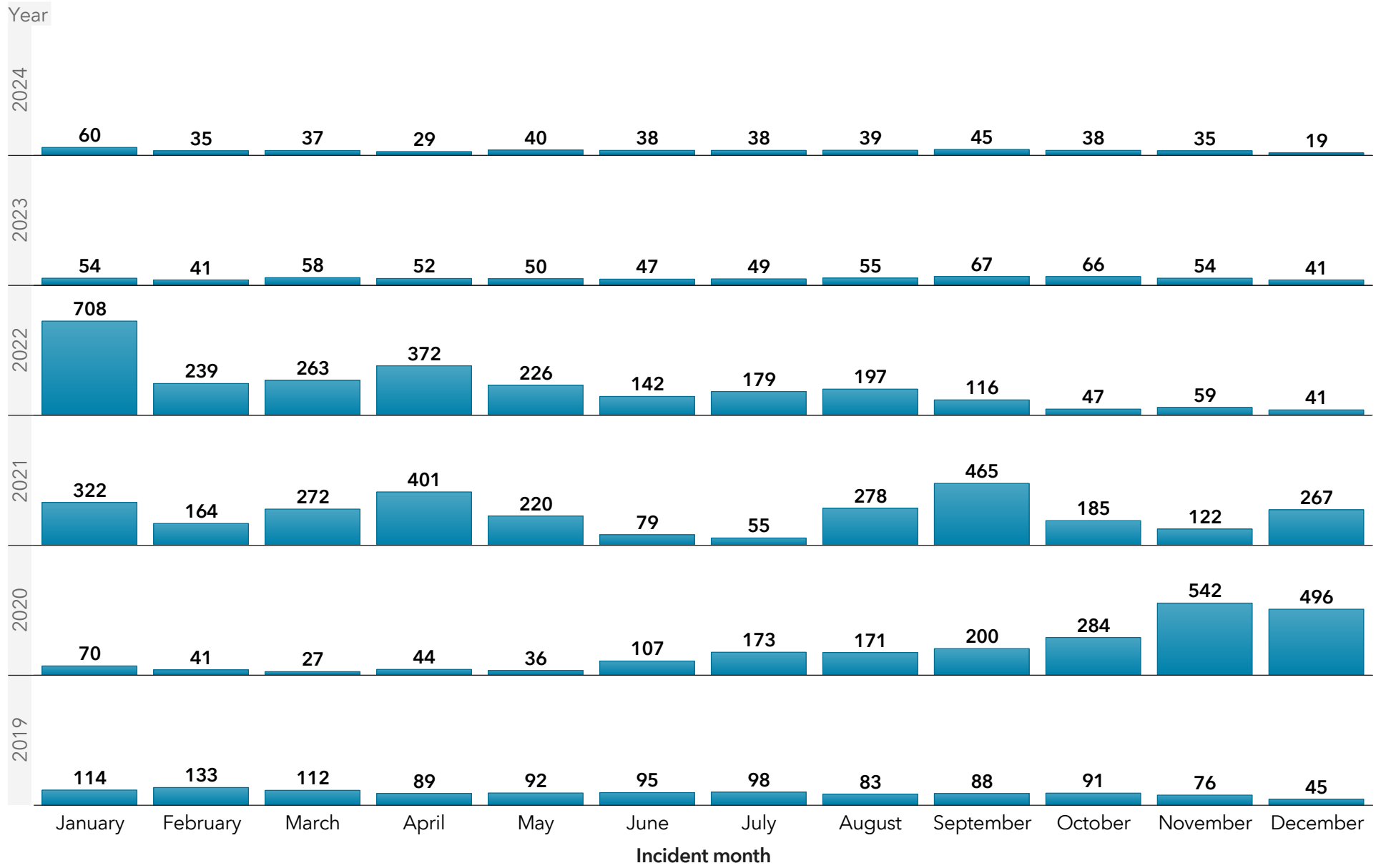
PSI reporting began on June 1, 2018. The definition was modified in December 2018 and December 2021. This report only includes data from January 2019 and onwards.



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

PSIs overview

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



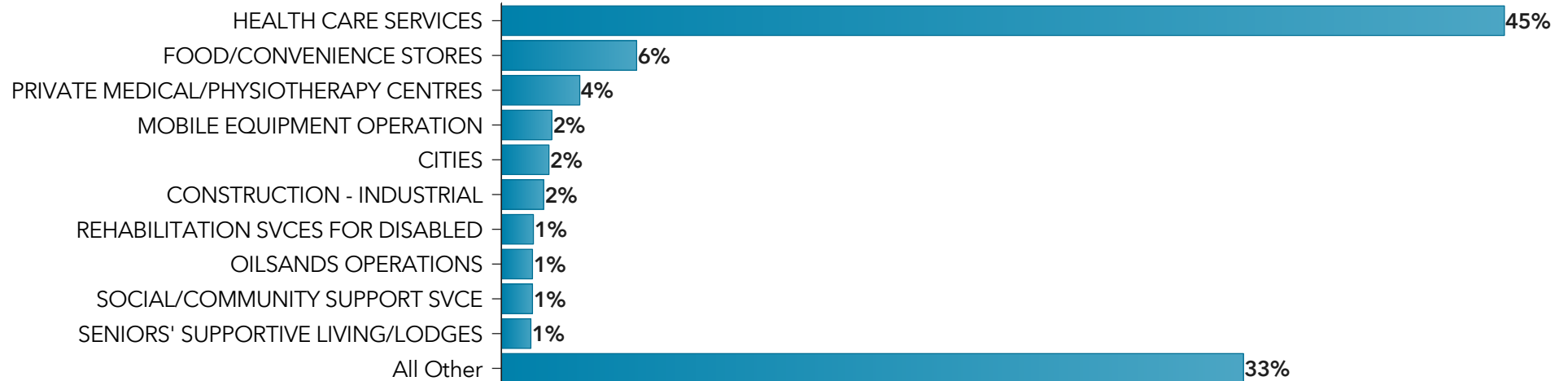
Note: 2024 represents year-to-date data.

Industries (overview)

Top 10: Industries involved in PSIs, 2024



Top 10: Industries involved in PSIs, 2019-2023



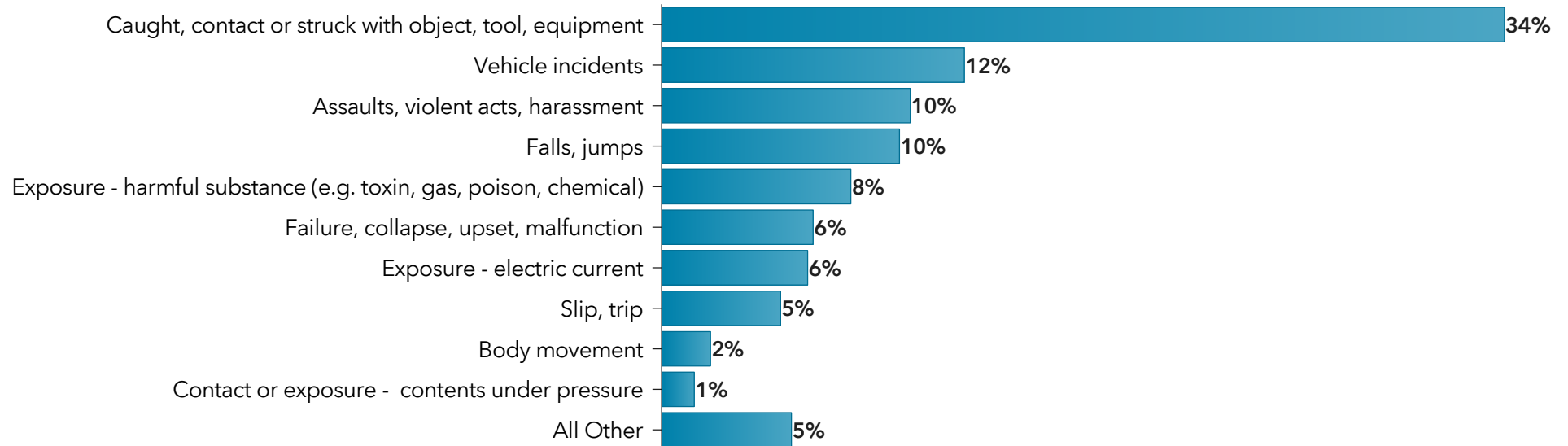
Note: 2024 represents year-to-date data.

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

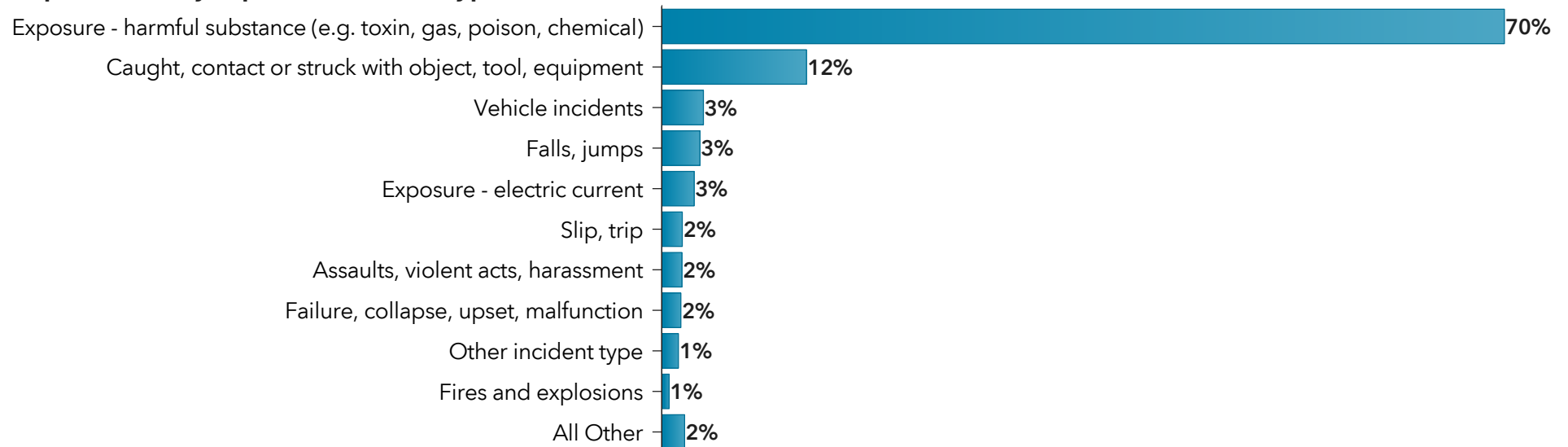
A PSI can involve multiple industries.

Type of incident (overview)

Top 10: PSIs by reported incident type, 2024



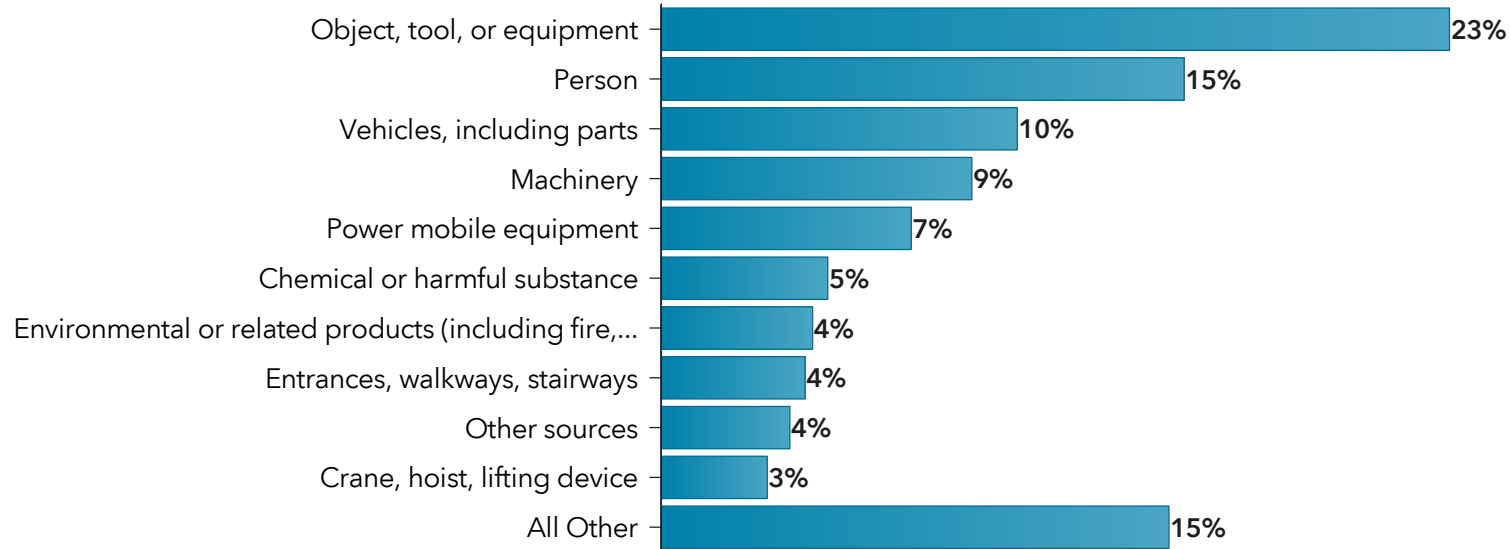
Top 10: PSIs by reported incident type, 2019-2023



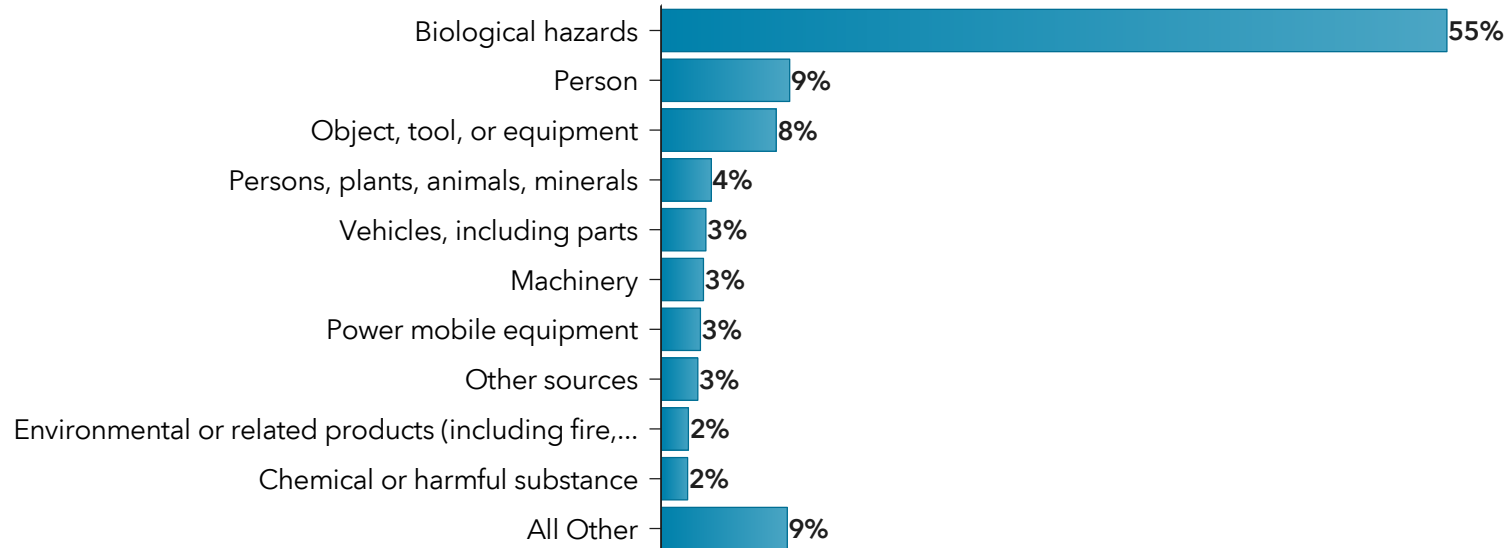
Note: 2024 represents year-to-date data.

Source of incident (overview)

Top 10: PSIs by reported source of incident, 2024



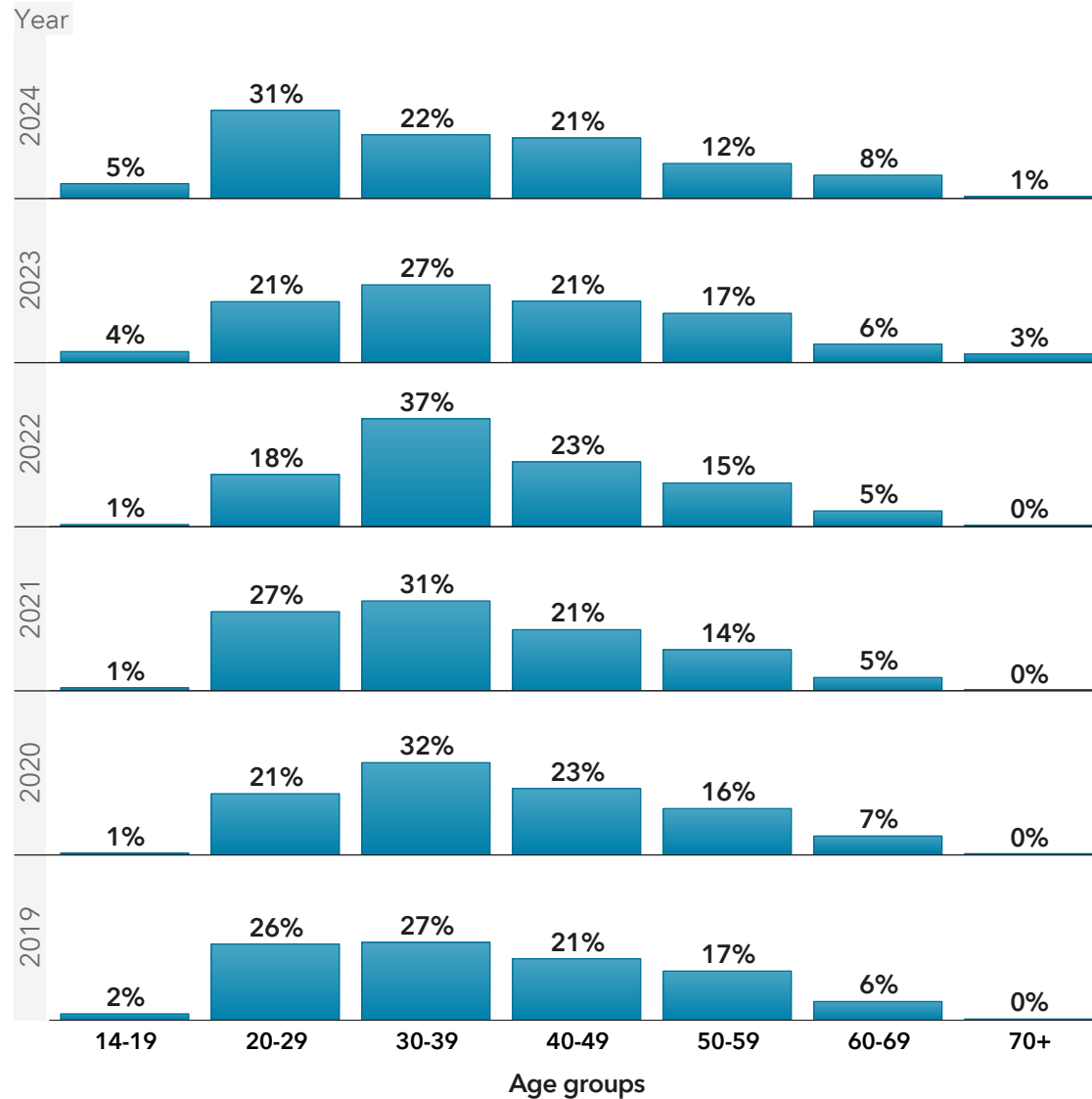
Top 10: PSIs by reported source of incident, 2019-2023



Note: 2024 represents year-to-date data.

Injured person (overview)

Age distribution of PSI injured persons, 2019-2024

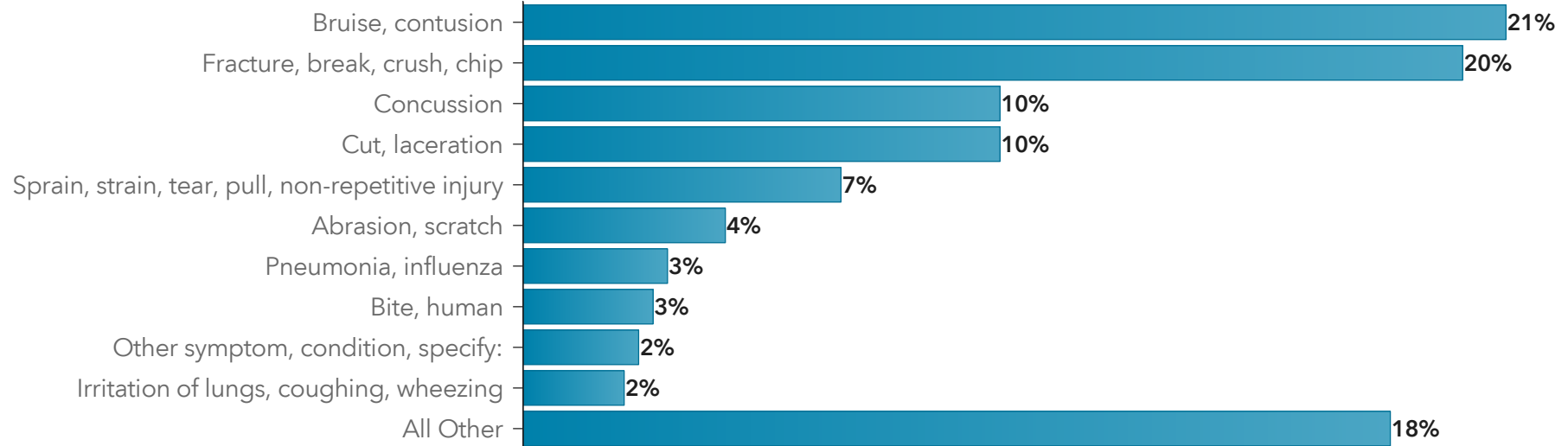


Note: 2024 represents year-to-date data.

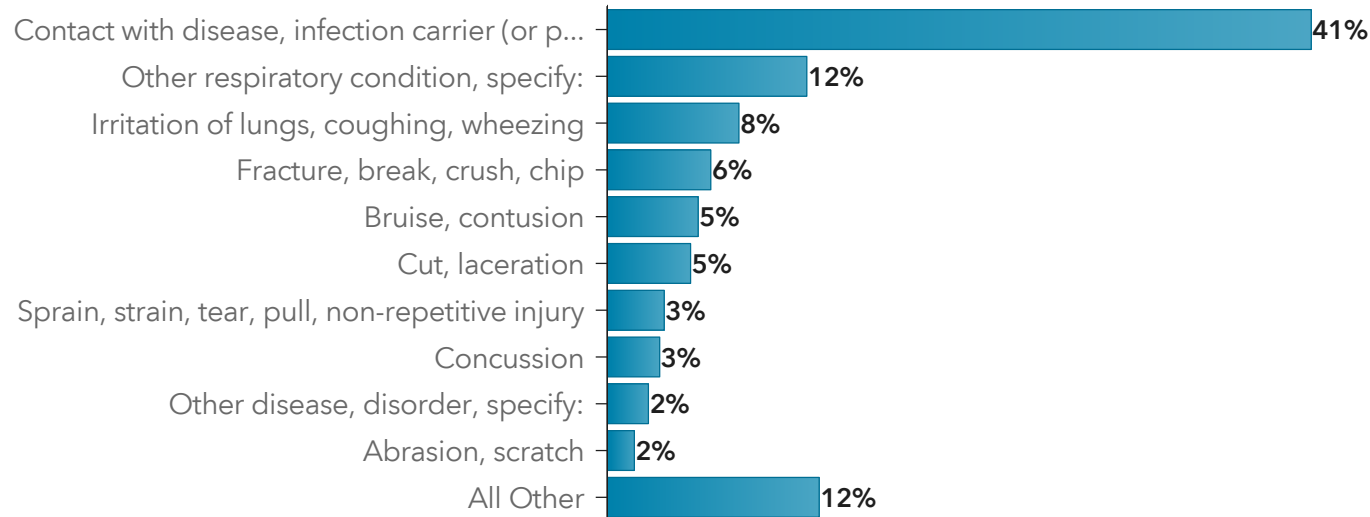
Year ▼	Total #	Injured workers	Injured non-workers	% COVID-19 injured workers
2024	276	261	15	2%
2023	502	475	27	30%
2022	2,138	2,070	68	82%
2021	866	832	34	84%
2020	716	702	14	77%
2019	497	477	20	0%
Total	4,995	4,817	178	64%

Type of injury (Overview)

Top 10: PSIs by type of injury reported, 2024



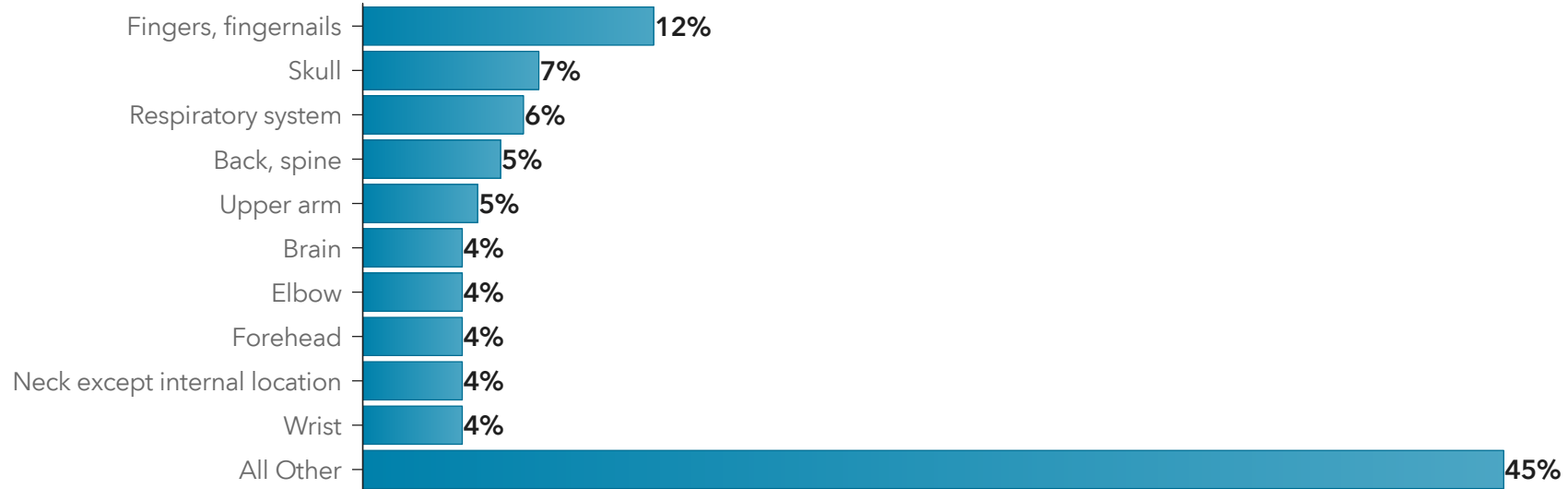
Top 10: PSIs by type of injury reported, 2019-2023



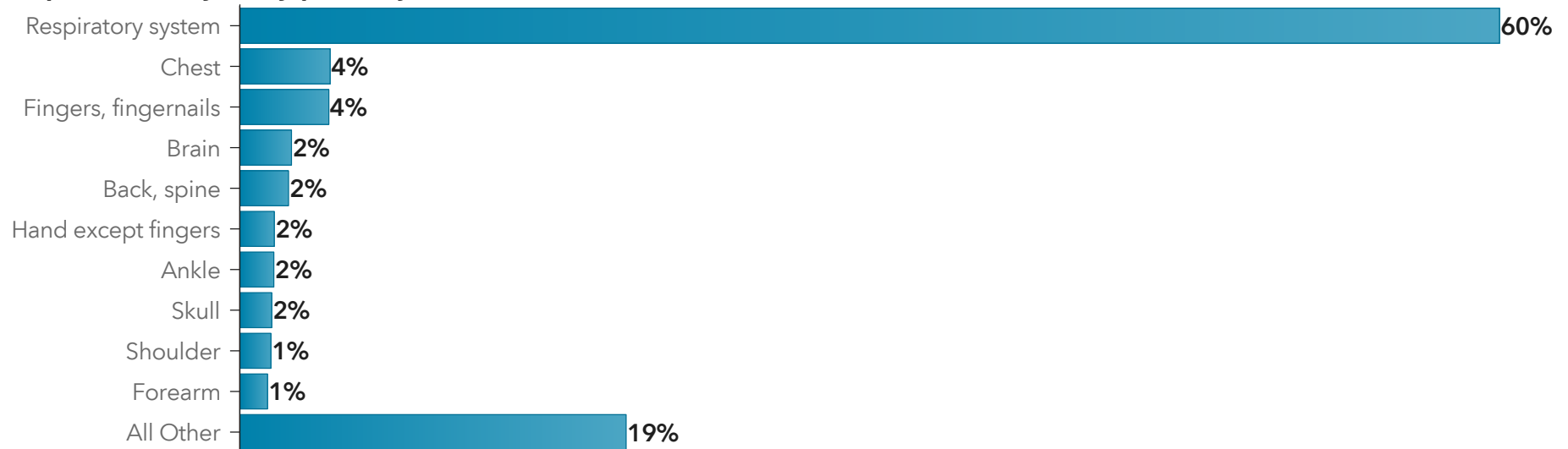
*Note: 2024 represents year-to-date data.
A person could have multiple injuries reported.*

Part of body injured

Top 10: PSIs by body parts injured, 2024



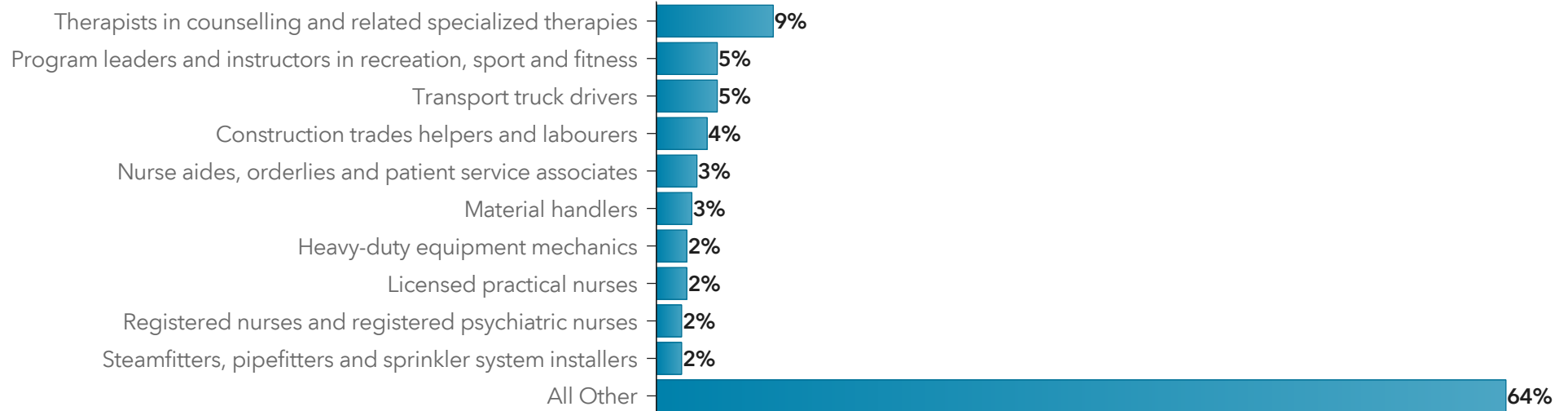
Top 10: PSIs by body parts injured, 2019-2023



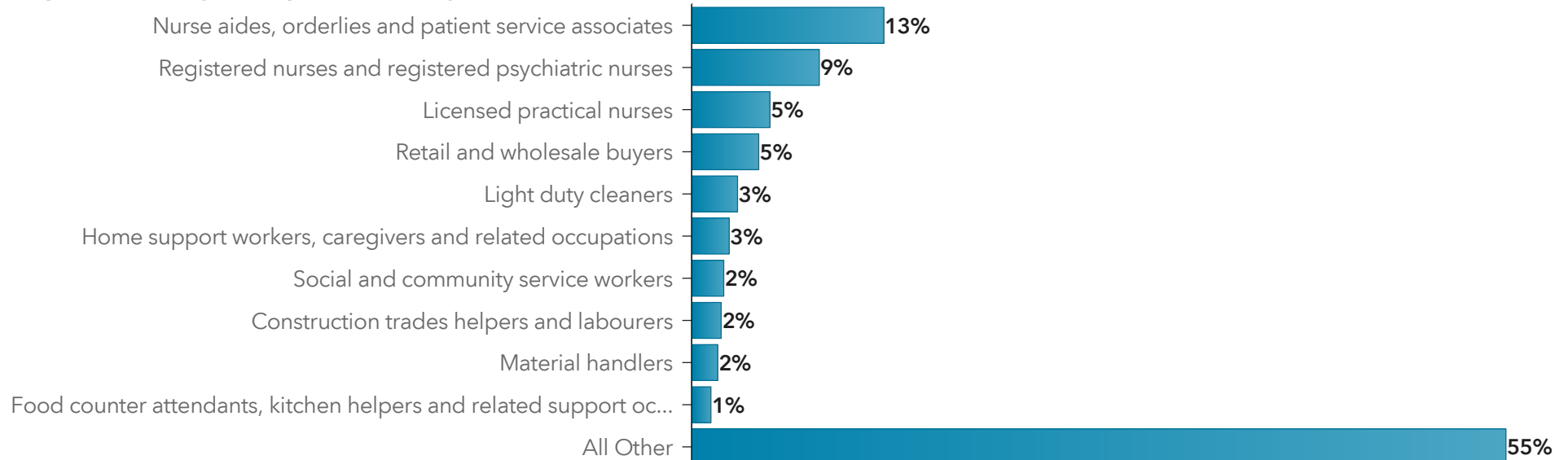
*Note: 2024 represents year-to-date data.
A person could have multiple injuries reported.*

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 (All PSIs)

Corrective actions reported by PSI incident type, 2019-2024 (percentage of each incident category)

Incident - category ▲	Eliminated hazard	Substituted equipment	Engineered controls	Changed policy	Provided training	Provided re-training	Provided PPE	Other
Assaults, violent acts, harassment	16%	2%	10%	20%	31%	38%	7%	44%
Body movement	13%	7%	7%	18%	29%	21%	13%	21%
Caught, contact or struck with object, tool, equipment	22%	8%	24%	33%	34%	29%	7%	25%
Contact or exposure - contents under pressure	17%	11%	47%	44%	19%	25%	8%	36%
Contact or Exposure - extreme temperature	29%	3%	24%	44%	21%	21%	24%	12%
Exposure - animal, insect	13%	3%	9%	31%	22%	19%	13%	19%
Exposure - electric current	32%	7%	19%	39%	41%	32%	7%	32%
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	4%	1%	6%	6%	9%	26%	18%	66%
Exposure - lack of oxygen	44%	22%	11%	56%	67%	44%	33%	22%
Exposure - noise	25%	0%	0%	25%	0%	25%	25%	25%
Exposure - radiation	33%	0%	33%	33%	100%	0%	0%	0%
Failure, collapse, upset, malfunction	28%	16%	39%	38%	28%	26%	8%	25%
Falls, jumps	31%	10%	24%	26%	30%	30%	11%	21%
Fires and explosions	38%	14%	13%	29%	30%	24%	3%	21%
Object, tool, or equipment	0%	0%	100%	100%	0%	100%	0%	0%
Other incident type	14%	5%	13%	20%	20%	13%	1%	58%
Overexertion	12%	8%	12%	19%	35%	15%	0%	38%
Repetitive motion injury	0%	0%	0%	17%	0%	33%	0%	33%
Slip, trip	33%	2%	10%	9%	29%	23%	16%	21%
Vehicle incidents	12%	4%	15%	25%	30%	27%	2%	35%
Total	10%	3%	11%	14%	17%	27%	15%	54%

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

Incident - category	Incident - details	2024 total	2023 total	2019-2022 yearly average
Assaults, violent acts, harassment	Assault or violent act by person	37	28	28.5
	Bullying	0	0	0.5
	Other assault, violent act, harassment, specify:	0	1	0.0
	Sexual assault or harassment	2	0	0.3
	Struck by person, non-intentional assault (e.g. training)	0	0	0.5
	Threat or verbal assault	7	0	2.0
Subtotal: Assaults, violent acts, harassment		46	29	
Body movement	Bend, climb, crawl, reach, twist, kneel	4	2	4.5
	Lifting	1	3	2.0
	Other bodily movement, specify:	0	0	1.5
	Running	0	0	0.3
	Standing	1	0	0.5
	Walking	3	3	1.0
Subtotal: Body movement		9	8	
Caught, contact or struck with object, tool, equipment	Caught in or between object, tool, equipment	22	39	39.3
	Caught in running tool, equipment	6	12	8.3
	Contact or struck with object, tool, equipment	46	66	68.8
	Contact or struck with running equipment, tool	9	15	15.8
	Contact with sharp object	5	4	8.8
	Pedestrian struck by vehicle	0	1	7.0
	Pierced by needle (needlestick)	3	3	2.3
	Pinched by rolling or sliding object, tool, equipment	1	8	4.5
	Rubbed by foreign matter in eye	0	1	0.8
	Struck by falling object	39	38	45.0
	Struck by flying object	4	12	10.5
	Struck by sliding or falling object	14	9	10.0



Type of PSIs by incident year

Incident - category ▲	Incident - details ▲	2024 total	2023 total	2019-2022 yearly average
Caught, contact or struck with object, tool, equipment	Struck by swinging door or gate	2	5	1.0
	Struck by swinging or slipping object	5	4	4.8
Subtotal: Caught, contact or struck with object, tool, equipment		156	217	
Contact or exposure - contents under pressure	Contact or struck with pressured air or water or gas	4	4	6.0
	Exposed to air pressure change	2	0	0.3
	Pressure change underwater	0	0	0.3
Subtotal: Contact or exposure - contents under pressure		6	4	
Contact or Exposure - extreme temperature	Contact with cold object, substance	0	0	0.3
	Contact with hot object, substance	1	2	6.5
	Exposure to environmental cold	0	0	0.5
	Exposure to environmental heat	0	0	0.5
Subtotal: Contact or Exposure - extreme temperature		1	2	
Exposure - animal, insect	Attack or assault by animal	5	10	3.0
	Bug bite or sting	2	1	0.3
	Other animal, insect exposure, specify:	0	1	0.0
Subtotal: Exposure - animal, insect		7	12	
Exposure - electric current	Contact with electric current	15	16	17.3
	Contact with overhead power line	7	8	16.3
	Contact with underground power line	4	14	9.8
	Contact with wiring	1	8	8.0
Subtotal: Exposure - electric current		27	46	
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	Contact with skin or exposed tissue	7	7	9.8
	Damaged gas line	6	6	11.0
	Exposure to infectious disease or illness (e.g. COVID, SARS)	5	77	1,553.0
	Ingestion of substance	1	2	1.5
	Inhalation in confined space	0	2	1.5



Type of PSIs by incident year

Incident - category	Incident - details	2024 total	2023 total	2019-2022 yearly average
Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	Inhalation of substance	16	21	20.5
	Other harmful substance exposure, specify:	0	0	9.3
Subtotal: Exposure - harmful substance (e.g. toxin, gas, poison, chemical)		35	115	
Exposure - lack of oxygen	Choking on object, substance	0	1	0.3
	Drowning, submersion	0	0	0.3
	Other oxygen deficiency, specify:	2	0	0.0
	Oxygen depletion-confined space	0	0	1.0
Subtotal: Exposure - lack of oxygen		2	1	
Exposure - noise	Exposure to noise	0	0	1.0
Subtotal: Exposure - noise		0	0	
Exposure - radiation	Exposure to radiation	0	0	0.5
	Exposure to welding light	0	0	0.3
Subtotal: Exposure - radiation		0	0	
Failure, collapse, upset, malfunction	Caught in collapsing material	3	5	5.8
	Caught in materials	0	0	2.8
	Excavation	0	1	1.8
	Improper positioning	2	1	1.8
	Landslide	0	0	0.3
	Other cave-in, specify:	0	0	0.5
	Overloaded	3	3	2.5
	Shifted or uneven load	6	5	5.5
	Structural failure or collapse	11	7	8.8
	Trench	1	1	0.3
Subtotal: Failure, collapse, upset, malfunction	Underground shaft	1	0	0.0
	Uneven surface	1	0	1.5
Subtotal: Failure, collapse, upset, malfunction		28	23	
Falls, jumps				



Type of PSIs by incident year

Incident - category	Incident - details	2024 total	2023 total	2019-2022 yearly average
Falls, jumps	Fall down stairs, steps	0	5	5.3
	Fall from ladder	9	17	11.3
	Fall from moving vehicle	0	1	1.3
	Fall from roof	3	0	4.5
	Fall from scaffold, staging, platform	3	5	9.8
	Fall on same level	7	6	9.5
	Fall onto or against object	2	3	2.0
	Fall to lower level	17	14	15.5
	Jump from scaffold, platform	1	0	0.3
	Jump to lower level	1	1	0.3
	Other fall or jump, specify:	1	1	1.3
Subtotal: Falls, jumps		44	53	
Fires and explosions	Damaged gas line	2	1	4.8
	Explosion	0	0	1.8
	Fire	3	1	6.8
	Ignition of clothes	1	0	0.5
Subtotal: Fires and explosions		6	2	
Object, tool, or equipment	Nail, nut, bolt, washer, staple, screw	1	0	0.0
Subtotal: Object, tool, or equipment		1	0	0.0
Other incident type	Exposure to traumatic event (e.g. workplace fatality)	0	0	0.8
	Job related stress	0	0	0.8
	Lost object, tool, equipment	3	1	0.0
	Other type of incident, specify:	0	3	29.8
Subtotal: Other incident type		3	4	
Overexertion	Other overexertion, specify:	0	0	1.0
	Overexertion - lifting	3	0	2.3



Type of PSIs by incident year

Incident - category	Incident - details	2024 total	2023 total	2019-2022 yearly average
Overexertion	Overexertion - pulling or pushing object	1	0	1.8
	Overexertion - throwing object	0	0	0.3
	Overexertion - Twisting	0	0	0.3
Subtotal: Overexertion		4	0	
Repetitive motion injury	Other repetitive motion, specify:	0	1	0.3
	Repetitive use of tool, equipment	0	2	0.5
Subtotal: Repetitive motion injury		0	3	
Slip, trip	Lost of balance	4	7	2.8
	Other slip or trip, specify:	0	0	1.3
	Over-step	0	0	0.8
	Slip on something	8	21	16.5
	Step in a hole	1	2	0.5
	Stepped on object	0	0	1.0
	Trip over something	6	12	5.0
	Uneven surface	3	2	1.0
	Subtotal: Slip, trip		22	44
Vehicle incidents	Collision between vehicles	15	24	25.0
	Fall from moving vehicle	2	1	2.3
	Loss of control	10	12	7.0
	Other highway accident, specify:	0	0	2.3
	Other non-highway accident, specify:	4	1	3.5
	Pedestrian struck by vehicle	5	4	2.3
	Ran off road	1	1	2.0
	Rollover	7	14	10.8
Subtotal: Vehicle incidents		56	71	



Type of PSIs by incident year

Incident - category ▲	Incident - details ▲	2024 total	2023 total	2019-2022 yearly average
Total		453	634	



Sources of PSIs, by incident year

Source - category	Source - details	2024 total	2023 total	2019-2022 yearly average	
Animal or insects	Animal	8	14	5.3	
	Insect, arachnid	1	1	0.3	
Subtotal: Animal or insects		9	15		
Biological hazards	Bacteria	1	2	22.0	
	Bodily fluid, substance of person	2	9	69.0	
	Fungus	1	0	0.0	
	Infectious, parasitic agent	4	55	1,184.0	
Subtotal: Biological hazards		8	66		
Chemical or harmful substance	Acid	2	3	2.3	
	Adhesive, glue	0	0	0.5	
	Agricultural chemical	0	1	0.3	
	Alcohol	1	0	0.3	
	Aldehyde	0	1	0.3	
	Ammonia, ammonium compound	2	6	2.3	
	Aromatic hydrocarbon	0	0	2.3	
	Asbestos	2	2	2.8	
	Cement, mortar mix-dry	0	0	0.3	
	Cement, mortar mix-wet	0	1	0.3	
	Chlorine compound	2	4	1.8	
	Cleaning, disinfectants, polishing agent	0	3	3.5	
	Coal, natural gas, fuel, petroleum, crude oil	1	2	4.5	
	Cryogenic gas	0	0	0.3	
	Fluorine compound	0	0	0.3	
	Hydrogen sulphide (H2S gas)	4	5	5.8	
	Nitrogen dioxide	1	0	0.3	
	Other chemical or harmful, specify and include CAS#:	4	3	4.3	



Sources of PSIs, by incident year

Source - category	Source - details	2024 total	2023 total	2019-2022 yearly average
Chemical or harmful substance	Oxygen, oxygen compound	1	0	2.0
	Paint, lacquer, shellac, varnish	0	0	0.3
	Silica	0	1	0.0
	Solvent, degreaser	0	0	0.5
	Sulphur, sulphur compound	1	0	0.8
	Tear gas, mace	1	0	0.0
	Welding, soldering fumes	0	0	0.5
Subtotal: Chemical or harmful substance		22	32	
Container	Container - non-pressurized	1	4	3.0
	Container - pressurized	0	3	1.8
	Skid, pallet, racking	0	1	0.8
	Storage tank, vessel	0	2	0.0
Subtotal: Container		1	10	
Crane, hoist, lifting device	Bucket, basket hoist-truck mount	0	4	2.3
	Conveyor-gravity	0	1	0.3
	Conveyor-powered	1	0	0.8
	Crane-gantry	0	2	0.8
	Crane-mobile, truck, rail mounted	1	2	5.8
	Crane-monorail, underhung	0	0	0.8
	Crane-overhead	2	8	7.0
	Crane-portal, tower, pillar	1	0	0.3
	Derrick-A-frame	1	3	0.3
	Derrick-guy	0	0	0.5
	Elevator	1	2	1.5
	Hoist	4	1	5.3
Jack	2	5	1.0	



Sources of PSIs, by incident year

Source - category	Source - details	2024 total	2023 total	2019-2022 yearly average
Crane, hoist, lifting device	Manlift	1	1	1.8
	Storage, retrieval hoist system	0	0	0.5
Subtotal: Crane, hoist, lifting device		14	29	
Drug, medication, food	Alcoholic beverage	0	1	1.3
	Beverage, Drink	0	0	0.3
	Drug - medicine	2	1	0.8
	Drug - nonmedicinal	0	1	1.3
	Food product	2	3	0.8
Subtotal: Drug, medication, food		4	6	
Entrances, walkways, stairways	Door	4	6	5.3
	Gate	1	2	0.8
	Parking lot	4	1	1.3
	Sidewalk, path, outdoor walkway	7	1	4.3
	Stairs, steps, stairway	2	5	5.8
	Surface below ground level	1	1	0.8
Subtotal: Entrances, walkways, stairways		19	16	
Environmental or related products (including fire, smoke)	Avalanche, mud slide	0	0	0.3
	Cold - environmental, temperature	2	1	2.3
	Dirt, earth	2	2	2.3
	Fire, flame	0	0	1.5
	Flood	0	0	0.5
	Fog	0	1	0.3
	Heat - environmental, temperature	0	0	0.5
	High air pressure	0	1	1.5
	High wind, gusts	1	3	5.5
	Ice, sleet, snow	12	18	17.0



Sources of PSIs, by incident year

Source - category	Source - details	2024 total	2023 total	2019-2022 yearly average
Environmental or related products (including fire, smoke)	Noise	0	0	0.5
	Other environmental condition, specify:	0	0	2.0
	Plant, tree - not processed	2	2	0.0
	Rain	1	2	1.3
	Rock, crushed stone	0	1	0.5
	Smoke, fire gases	0	0	0.8
	Sun	0	0	0.5
	Work environment	0	1	0.0
Subtotal: Environmental or related products (including fire, smoke)		20	32	
Explosive, including ammunition	Ammunition	0	3	0.8
	Detonator, cable or wire	0	0	0.8
	Explosive, blasting agent	0	0	1.3
Subtotal: Explosive, including ammunition		0	3	
Falls, jumps	Fall from ladder	1	0	0.0
Subtotal: Falls, jumps		1	0	0.0
Furniture and fixtures	Lighting equipment	0	0	0.8
Subtotal: Furniture and fixtures		0	0	
Machinery	Agricultural, garden machinery	2	5	1.5
	Air compressor	0	2	1.3
	Construction machinery	7	16	8.5
	Conveyor-belt	4	4	3.5
	Fan, blower, ventilation	1	1	0.3
	Food process machinery	1	1	3.5
	Food process machinery-special	0	1	0.3
	Heat, cool, cleaning machinery	4	2	4.8
	Industrial printing machinery	0	0	0.3



Sources of PSIs, by incident year

Source - category	Source - details	2024 total	2023 total	2019-2022 yearly average
Machinery	Logging or wood processing machinery	2	1	0.8
	Material handling machinery	2	11	10.3
	Metal, woodwork machinery, including lathe, grinder, etc.	7	4	7.8
	Metal, woodworking machinery	0	0	1.8
	Mining or drilling machinery	7	3	1.0
	Office, business machinery, including computers	0	1	0.3
	Other machinery, specify:	1	2	6.3
	Overhead hoist	0	2	0.0
	Product assembly machinery	1	0	1.5
	Product test, inspect machine	0	0	1.3
	Pump	2	0	0.0
	Waste management machinery	0	0	1.3
Subtotal: Machinery		41	56	
Medical supplies or equipment	Health care equipment	1	1	0.8
	Medical, x-ray machinery	0	0	0.5
	Needle, syringe	2	2	1.5
Subtotal: Medical supplies or equipment		3	3	
Object, tool, or equipment	Belt, hose	1	2	0.0
	Chip, particle, splinter, dust	1	2	2.5
	Clothing, apparel, textile	2	2	2.0
	Construction Materials	9	27	43.3
	Cooking, eating utensil	2	3	1.8
	Drum, pulley, sheave	0	1	0.0
	Electrical wiring, currents	13	20	22.0
	Furniture	2	9	3.8
	Hand tool - non-powered	9	14	11.5



Sources of PSIs, by incident year

Source - category	Source - details	2024 total	2023 total	2019-2022 yearly average
Object, tool, or equipment	Hand tool-power	10	13	8.5
	Lighting fixtures	1	1	0.5
	Lumber	2	2	0.3
	Nail, nut, bolt, washer, staple, screw	4	3	0.0
	Other object, tool, equipment, specify:	9	6	34.3
	Paper, book, magazine	0	1	0.3
	Personal accessories, e.g. eye glasses, jewelry, watch	0	0	0.3
	Photographic equipment	0	0	0.5
	Pipe, duct, tubing	13	6	0.0
	Plumbing fixtures	1	3	2.5
	Pool	0	0	0.3
	Recreation, athletic equipment	2	1	0.8
	Scrap, waste, debris, sewage	3	1	3.5
	Skid, pallet, racking	6	7	5.0
	Steam, vapor, liquid, water	2	4	3.8
	Storage tank, vessel	0	1	0.0
	Structural metal material	7	1	0.0
	Tar, sealant, insulation material	0	0	0.3
	Tarp, sheeting-non-metal	0	1	0.5
	Valve, nozzle	4	3	4.5
	Weapon	1	2	2.0
	Well	0	0	0.8
	Writing, drawing, art supplies	0	0	0.3
	Subtotal: Object, tool, or equipment		104	136
Other sources	Other source, specify:	3	1	57.5
	Work environment	14	11	0.0



Sources of PSIs, by incident year

Source - category	Source - details	2024 total	2023 total	2019-2022 yearly average
Subtotal: Other sources		17	12	
Parts and materials	Other building material-solid, specify:	0	0	1.5
	Tarp ,sheeting-non-metal	0	0	0.3
Subtotal: Parts and materials		0	0	
Person	Client, customer	31	25	41.0
	Co-worker	20	14	47.3
	Health care patient, resident	9	8	44.0
	Member of the public	8	8	26.0
	Other person - not injured, ill worker, specify:	1	0	38.8
	Prison inmate	0	0	0.8
Subtotal: Person		69	55	
Personal protective equipment	Dust mask	0	0	0.5
	Face shield, welding mask	0	0	1.5
	Hard hat	0	1	0.8
	Lifeline, safety belt, harness	2	1	2.3
	Other personal protective equipment, specify:	0	1	12.5
	Protective clothing	1	1	3.5
	Respirator	0	0	4.0
	Safety glasses, goggles	0	1	7.5
Subtotal: Personal protective equipment		3	5	
Persons, plants, animals, minerals	Co-worker of ill worker	0	0	28.3
	Customer	0	0	3.8
	Dirt, earth	0	0	1.3
	Infectious, parasitic agent	0	0	49.0
	Plant, tree - not processed	0	0	0.3
	Sand, gravel	0	0	0.3



Sources of PSIs, by incident year

Source - category ▲	Source - details ▲	2024 total	2023 total	2019-2022 yearly average
Subtotal: Persons, plants, animals, minerals		0	0	
Power mobile equipment	All terrain vehicle	2	1	5.3
	Forklift	13	4	9.5
	Industrial vehicle - non-powered	1	0	2.0
	Industrial vehicle - powered	17	42	32.3
	Powered industrial carrier	0	0	0.5
	Snowmobile	0	0	0.3
	Tractor	0	1	3.0
Subtotal: Power mobile equipment		33	48	
Rigging	Fastener, connector, rope, tie, chain, strap	6	7	5.3
	Hoisting accessory	1	1	6.8
Subtotal: Rigging		7	8	
Safeguards	Guardrail, safety bars, road divider	8	3	4.5
	Opening cover	3	3	2.5
	Toe board	0	0	0.5
	Wire mesh	0	0	0.3
Subtotal: Safeguards		11	6	
Scaffolds or temporary platforms	Extension ladder	1	6	2.0
	Ladder - fixed	0	3	2.5
	Scaffold - improvised staging	1	2	1.3
	Scaffold - self-supporting staging	1	2	2.3
	Scaffold - staging held by structure	2	2	3.8
	Scaffold - suspended staging	0	0	1.3
	Step ladder	2	5	5.3
	Straight ladder	1	0	1.8
	Truck mounted ladder	0	2	0.3



Sources of PSIs, by incident year

Source - category ▲	Source - details ▲	2024 total	2023 total	2019-2022 yearly average
Subtotal: Scaffolds or temporary platforms		8	22	
Structure or infrastructure	Bridge, dam, lock	0	1	0.3
	Building	1	4	4.8
	Building - office, plant, residential	0	1	1.5
	Ditch, channel, trench, excavation	2	7	6.3
	Fence, fence panel	0	1	1.0
	Other structure, specify:	0	0	1.8
	Roof	0	0	2.0
	Roof truss	1	0	0.3
	Sewer, manhole, storm drain	0	1	0.8
	Sidewalk, path, outdoor walkway	0	0	0.8
	Stairs, steps	0	2	1.8
	Storage tank, vessel	1	0	0.0
	Structure	5	3	4.3
	Tower, pole-installed	2	5	1.0
Subtotal: Structure or infrastructure		12	25	
Tools, instruments, and equipment	Other hand tool-non-powered, specify:	0	0	1.0
	Other hand tool-power, specify:	0	0	1.0
Subtotal: Tools, instruments, and equipment		0	0	
Vehicles, including parts	Air vehicle and parts	0	0	0.3
	All terrain vehicle	3	2	0.3
	Bicycle	0	0	0.3
	Highway vehicle-non-motorized and parts	0	0	1.3
	Motor vehicle and parts	25	33	50.0
	Other vehicle and parts, specify:	2	1	7.0
	Rail vehicle and parts	2	1	1.8



Sources of PSIs, by incident year

Source - category	Source - details	2024 total	2023 total	2019-2022 yearly average
Vehicles, including parts	Semitrailer, tractor trailer, trailer truck and parts	12	9	0.3
	Trailer and parts	1	3	0.0
	Water vehicle and parts	2	0	0.5
Subtotal: Vehicles, including parts		47	49	
Total		453	634	



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	30	0%
	Falls, jumps	5	0%
	Vehicle incidents	5	0%
Biological hazards	Assaults, violent acts, harassment	1	0%
	Caught, contact or struck with object, tool, equipment	3	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	5,170	52%
	Assaults, violent acts, harassment	2	0%
Chemical or harmful substance	Caught, contact or struck with object, tool, equipment	5	0%
	Contact or exposure - contents under pressure	4	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	168	2%
	Exposure - lack of oxygen	4	0%
	Failure, collapse, upset, malfunction	2	0%
	Falls, jumps	3	0%
	Fires and explosions	6	0%
	Other incident type	2	0%
	Slip, trip	1	0%
	Body movement	2	0%
	Caught, contact or struck with object, tool, equipment	20	0%
	Contact or exposure - contents under pressure	1	0%
	Contact or Exposure - extreme temperature	1	0%
Container	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	6	0%
	Failure, collapse, upset, malfunction	1	0%
	Falls, jumps	1	0%
	Slip, trip	1	0%
	Body movement	2	0%
Crane, hoist, lifting device	Caught, contact or struck with object, tool, equipment	90	1%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Crane, hoist, lifting device	Exposure - electric current	14	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	1	0%
	Failure, collapse, upset, malfunction	31	0%
	Falls, jumps	10	0%
	Other incident type	1	0%
	Overexertion	1	0%
	Slip, trip	2	0%
	Vehicle incidents	5	0%
	Assaults, violent acts, harassment	3	0%
	Body movement	1	0%
Drug, medication, food	Caught, contact or struck with object, tool, equipment	5	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	7	0%
	Exposure - lack of oxygen	1	0%
	Falls, jumps	2	0%
	Other incident type	1	0%
	Slip, trip	1	0%
	Vehicle incidents	6	0%
	Body movement	3	0%
	Caught, contact or struck with object, tool, equipment	27	0%
	Exposure - animal, insect	1	0%
Entrances, walkways, stairways	Exposure - electric current	2	0%
	Failure, collapse, upset, malfunction	6	0%
	Falls, jumps	29	0%
	Other incident type	1	0%
	Slip, trip	38	0%
Environmental or related products (including fire, smoke)	Caught, contact or struck with object, tool, equipment	38	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	21	0%
	Falls, jumps	28	0%
	Fires and explosions	8	0%
	Other incident type	3	0%
	Slip, trip	51	1%
	Vehicle incidents	32	0%
	Assaults, violent acts, harassment	1	0%
	Caught, contact or struck with object, tool, equipment	9	0%
	Explosive, including ammunition	Exposure - noise	1
Fires and explosions		1	0%
Other incident type		2	0%
Falls, jumps	Exposure - electric current	1	0%
	Exposure - electric current	1	0%
Furniture and fixtures	Falls, jumps	1	0%
	Fires and explosions	1	0%
	Body movement	2	0%
	Caught, contact or struck with object, tool, equipment	204	2%
Machinery	Contact or exposure - contents under pressure	8	0%
	Contact or Exposure - extreme temperature	7	0%
	Exposure - electric current	35	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	20	0%
	Exposure - radiation	1	0%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Machinery	Failure, collapse, upset, malfunction	8	0%
	Falls, jumps	4	0%
	Fires and explosions	11	0%
	Other incident type	3	0%
	Overexertion	2	0%
	Repetitive motion injury	1	0%
	Slip, trip	3	0%
	Vehicle incidents	11	0%
	Body movement	1	0%
Medical supplies or equipment	Caught, contact or struck with object, tool, equipment	12	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%
	Assaults, violent acts, harassment	11	0%
	Body movement	17	0%
	Caught, contact or struck with object, tool, equipment	462	5%
	Contact or exposure - contents under pressure	13	0%
Object, tool, or equipment	Contact or Exposure - extreme temperature	17	0%
	Exposure - electric current	121	1%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	19	0%
	Exposure - lack of oxygen	2	0%
	Failure, collapse, upset, malfunction	33	0%
	Falls, jumps	38	0%
	Fires and explosions	13	0%
	Other incident type	61	1%
	Overexertion	13	0%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Object, tool, or equipment	Repetitive motion injury	4	0%
	Slip, trip	32	0%
	Vehicle incidents	5	0%
	Body movement	8	0%
	Caught, contact or struck with object, tool, equipment	32	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)	107	1%
Other sources	Exposure - noise	1	0%
	Failure, collapse, upset, malfunction	7	0%
	Falls, jumps	25	0%
	Fires and explosions	3	0%
	Other incident type	29	0%
	Overexertion	2	0%
	Slip, trip	20	0%
	Vehicle incidents	4	0%
	Caught, contact or struck with object, tool, equipment	2	0%
Parts and materials	Failure, collapse, upset, malfunction	2	0%
	Falls, jumps	1	0%
	Other incident type	1	0%
	Slip, trip	1	0%
	Assaults, violent acts, harassment	173	2%
Person	Body movement	9	0%
	Caught, contact or struck with object, tool, equipment	38	0%
	Exposure - electric current	4	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	615	6%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Person	Exposure - lack of oxygen	1	0%
	Failure, collapse, upset, malfunction	2	0%
	Falls, jumps	13	0%
	Fires and explosions	3	0%
	Other incident type	13	0%
	Overexertion	5	0%
	Slip, trip	4	0%
	Vehicle incidents	35	0%
	Body movement	3	0%
	Caught, contact or struck with object, tool, equipment	10	0%
	Contact or Exposure - extreme temperature	1	0%
	Exposure - electric current	2	0%
	Personal protective equipment	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	106
Exposure - radiation		1	0%
Falls, jumps		13	0%
Other incident type		1	0%
Slip, trip		1	0%
Assaults, violent acts, harassment		4	0%
Caught, contact or struck with object, tool, equipment		3	0%
Persons, plants, animals, minerals	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%
	Caught, contact or struck with object, tool, equipment	105	1%
Power mobile equipment	Contact or exposure - contents under pressure	2	0%
	Exposure - electric current	46	0%



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)	19	0%
	Failure, collapse, upset, malfunction	14	0%
	Falls, jumps	9	0%
	Fires and explosions	10	0%
	Other incident type	6	0%
	Slip, trip	2	0%
	Vehicle incidents	79	1%
Rigging	Caught, contact or struck with object, tool, equipment	48	0%
	Failure, collapse, upset, malfunction	9	0%
	Falls, jumps	3	0%
	Other incident type	3	0%
	Caught, contact or struck with object, tool, equipment	12	0%
Safeguards	Failure, collapse, upset, malfunction	2	0%
	Falls, jumps	28	0%
	Overexertion	1	0%
	Slip, trip	1	0%
	Vehicle incidents	4	0%
	Body movement	3	0%
Scaffolds or temporary platforms	Caught, contact or struck with object, tool, equipment	19	0%
	Exposure - electric current	1	0%
	Failure, collapse, upset, malfunction	4	0%
	Falls, jumps	82	1%
	Slip, trip	2	0%
	Body movement	4	0%
Structure or infrastructure	Caught, contact or struck with object, tool, equipment	34	0%
	Exposure - electric current	14	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	7	0%



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

Source - category ▲	Incident - category ▲	Total #	Total %
Structure or infrastructure	Failure, collapse, upset, malfunction	27	0%
	Falls, jumps	30	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%
	Assaults, violent acts, harassment	6	0%
	Body movement	1	0%
Vehicles, including parts	Caught, contact or struck with object, tool, equipment	91	1%
	Contact or exposure - contents under pressure	2	0%
	Exposure - electric current	17	0%
	Exposure - harmful substance (e.g. toxin, gas, poison, chemical)	4	0%
	Exposure - lack of oxygen	1	0%
	Failure, collapse, upset, malfunction	5	0%
	Falls, jumps	14	0%
	Fires and explosions	2	0%
	Object, tool, or equipment	1	0%
	Other incident type	2	0%
	Overexertion	2	0%
	Slip, trip	7	0%
	Vehicle incidents	187	2%
	Total	9,813	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