EPINet Report for Needlestick and Sharp Object Injuries



Reporting period: Jan 01, 2025 to Dec 31, 2025
Facility where incident occurred: ALL
Type of facility where occurred: ALL
4. Job category: ALL
5. Where the injury occurred: ALL
7. Injured worker was original user: ALL
8. Was it contaminated? ALL
8a. Was there blood visible? ALL
9. Original purpose of sharp item: ALL
10. When the injury occurred: ALL
11. Type of device: ALL
Device: ALL
12. Was item a "safety design"? ALL
16.Depth of injury: ALL
17. If injury to hand, did the sharp item penetrate? ALL
18. Dominant hand of HCW: ALL

Total Records Read: 1928
Total rate: 41.1 per 100 ADC
Teaching rate: 42.9 per 100 ADC
Non-teaching rate: 35.7 per 100 ADC
ADC: 4687.5
33 hospitals

4. What is the job category of the injured worker?

1	Doctor (attending/staff) specialty	244	13.8%
2	Doctor (intern/resident/fellow) specialty	95	5.4%
4	Nurse	693	39.2%
5	Nursing student	14	0.8%
6	Respiratory therapist	16	0.9%
7	Surgery attendant	293	16.6%
8	Other attendant	178	10.1%
9	Phlebotomist/ Venipuncture	57	3.2%
10	Clinical laboratory worker	43	2.4%
11	Technologist (non lab)	44	2.5%
12	Dentist	1	0.1%
14	EVS/Housekeeper	10	0.6%
15	Other, describe	17	1.0%
16	EMT/Paramedic/ First Responder	8	0.5%
18	C.N.A./H.H.A.	39	2.2%
20	Security	1	0.1%
21	IV Team	2	0.1%
22	Physician’s assistant	15	0.8%

Total records: 1,770

5. Where did the injury occur?

1	Patient room/ward	604	32.6%
2	Outside patient room	7	0.4%
3	Emergency department	78	4.2%
4	Intensive/Critical care unit	31	1.7%
5	Operating room/Recovery	799	43.1%
6	Outpatient clinic/Office	128	6.9%
10	Procedure room	85	4.6%
11	Clinical laboratories	68	3.7%
12	Autopsy/Pathology	3	0.2%
13	Service/Utility area	26	1.4%
14	Other, describe	2	0.1%
16	Labor and delivery room	16	0.9%
17	Home-care	6	0.3%

Total records: 1,853

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6. Was the source patient identifiable?

1	Yes	1,039	90.3%
2	No	28	2.4%
3	Unknown	36	3.1%
4	N/A	47	4.1%

Total records: 1,150

7. Was the injured worker the original user of the sharp item?

1	Yes	630	69.0%
2	No	222	24.3%
3	Unknown	46	5.0%
4	N/A	15	1.6%

Total records: 913

8. The sharp item was:

1	Contaminated	1,050	91.4%
2	Uncontaminated	52	4.5%
3	Unknown	47	4.1%

Total records: 1,149

8a. Was blood visible on the device?

1	Yes	758	72.2%
2	No	35	3.3%
3	Unknown	257	24.5%

Total records: 1,050

9. For what purpose was the sharp item originally used?

1	Unknown/not applicable	144	8.3%
2	Injection, intramuscular/subcutaneous	373	21.5%
3	Heparin or saline flush	6	0.3%
4	Other injection into IV injection site or port	30	1.7%
5	To connect IV line	7	0.4%
6	To start IV or setup heparin lock	48	2.8%
7	To draw a venous blood sample	150	8.7%
8	To draw an arterial blood sample	29	1.7%
9	To obtain a body fluid or tissue sample	23	1.3%
10	Fingerstick/heel stick	53	3.1%
11	Suturing	432	25.0%
12	Cutting	134	7.7%
13	Electrocautery	26	1.5%
14	To contain a specimen or pharmaceutical	30	1.7%
15	Other, describe	188	10.9%
16	To place an arterial/central line	29	1.7%
17	Drilling	29	1.7%

Total records: 1,731

10. When did the injury occur?

1	Before use of item	76	4.6%
2	During use of item	816	49.1%
3	Between steps of a multi-step procedure	141	8.5%
4	After use, while disassembling device or equipment	46	2.8%
5	In preparation for reuse of reusable instruments	51	3.1%
6	After use, while recapping a used needle	49	3.0%
7	While withdrawing a needle from rubber or other resistance	4	0.2%

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8	Other after use, before disposal	98	5.9%
9	After use, from item left on or near disposal container	1	0.1%
10	During disposal, while putting the item into the disposal container	47	2.8%
11	During disposal, stuck by item protruding from disposal container	9	0.5%
12	After disposal, item pierced side of disposal container	1	0.1%
13	After disposal, item protruding from trash bag or inapp container	3	0.2%
14	Other, describe	209	12.6%
15	While restraining patient	18	1.1%
16	After use, device left on floor, table, bed or other inappropriate	92	5.5%

Total records: 1,661

11. Which device caused the injury?

1	Disposable syringe	433	23.2%
2	Pre-filled cartridge syringe	14	0.7%
3	Blood gas syringe (ABG)	13	0.7%
4	Syringe, other type	8	0.4%
6	Winged steel needle	79	4.2%
7	IV catheter stylet	54	2.9%
8	Vacuum tube blood collection holder/needle	35	1.9%
9	Spinal or epidural needle	4	0.2%
10	Unattached hypodermic needle	6	0.3%
11	Arterial catheter introducer needle	15	0.8%
12	Central line catheter introducer needle	9	0.5%
14	Other vascular catheter needle	4	0.2%
15	Other non-vascular catheter needle	6	0.3%
16	Huber-type needle	13	0.7%
17	Pen Needle	5	0.3%
28	Needle, not sure what kind	98	5.2%
29	Other needle, describe	153	8.2%
30	Lancet	18	1.0%
31	Suture needle	432	23.1%
32	Scalpel, reusable	58	3.1%
33	Razor	5	0.3%
35	Scissors	15	0.8%
36	Electro-cautery device	21	1.1%
37	Bone cutter	1	0.1%
38	Bone chip	6	0.3%
39	Towel clip	3	0.2%
40	Microtome blade	15	0.8%
41	Trocar	6	0.3%
42	Vacuum tube (plastic)	6	0.3%
43	Specimen/Test tube (plastic)	2	0.1%
45	Scalpel, disposable	38	2.0%
46	Retractors, skin/bone hooks	21	1.1%
47	Staples/Steel sutures	6	0.3%
48	Wire (suture, fixation, guide wire)	38	2.0%
49	Pin (fixation, guide pin)	17	0.9%
50	Drill bit/Bur	22	1.2%
51	Pickups/Forceps/Hemostats/Clamps	6	0.3%
58	Sharp item, not sure what kind	32	1.7%
59	Other sharp item, describe	143	7.6%
60	Medication ampule	1	0.1%
61	Medication vial	1	0.1%
67	Glass slide	1	0.1%
68	Automobile glass/windshield	1	0.1%

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78 Glass item, not sure what kind	2	0.1%
79 Other glass item, describe	4	0.2%

Total records: 1,870

11a. Type of disposable needle used:

1 Insulin	72	34.6%
2 Tuberculin	10	4.8%
3 24/25G needle	36	17.3%
4 23G needle	26	12.5%
5 22G needle	2	1.0%
6 21G needle	9	4.3%
7 20G needle	4	1.9%
8 Other	49	23.6%

Total records: 208

16. Was the injury?

1 Superficial-little or no bleeding	1,105	71.9%
2 Moderate-skin punctured, some bleeding	415	27.0%
3 Severe-deep stick/cut, profuse bleeding	17	1.1%

Total records: 1,537

17. If injury was to the hand, did the sharp item penetrate?

1 Single pair of gloves	446	63.6%
2 Double pair of gloves	228	32.5%
3 No gloves	27	3.9%

Total records: 701

18. Dominant hand of the injured worker:

1 Right-handed	812	91.0%
2 Left-handed	80	9.0%

Total records: 892

12. If the item causing the injury was a needle or sharp medical device, was it a" safety design" with a shielded, recessed, retractable, or blunted needle or blade?

1 Yes	246	31.3%
2 No	472	60.0%
3 Unknown	69	8.8%

Total records: 787

12a. If yes, was safety mechanism activated?

1 Yes, fully	10	4.2%
2 Yes, partially	60	25.1%
3 No	169	70.7%

Total records: 239

12b. If yes, did the injury happen?

1 Before activation	141	48.1%
2 During activation	103	35.2%
3 After activation	49	16.7%

Total records: 293

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15. Location of the injury:

1 Hand, right	536	34.1%
15 Hand, left	983	62.5%
30 Other	54	3.4%

Total records: 1,573

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