

2016 Texas Contaminated Sharps Injuries Public Health Region (PHR) 2/3

Table 1. Month of Exposure/Incident

	PHR 2/3	Texas
January	10	89
February	14	89
March	24	80
April	22	90
May	11	86
June	20	96
July	16	105
August	33	129
September	21	115
October	13	114
November	19	105
December	17	88
Not Reported	11	95
Total	231	1281

*Represents 0-5 events

Table 2. Time of Exposure Incident

	PHR 2/3	Texas
7:00am-2:59pm	102	538
3:00pm-10:59pm	76	346
11:00pm-6:59am	32	160
Not Reported	21	237
Total	231	1281

*Represents 0-5 events

Table 3. Injuries by Age Group

	PHR 2/3	Texas
0-18	24	133
18-25	27	160
26-35	106	593
36-45	39	206
46-55	20	104
56-65	13	75
65+	*	10
Total	231	1281

*Represents 0-5 events

Table 4. Injuries by Gender

	PHR 2/3	Texas
Female	174	823
Male	54	420
Not Reported	*	38
Total	231	1281

*Represents 0-5 events

Table 5. Type of Sharp

	PHR 2/3	Texas
Needle/Syringe	120	615
Suture Needle	31	288
Scalpel	6	90
IV Catheter/Needle	14	67
Others~	60	221
Total	231	1281

*Represents 0-5 events

~Others includes Fingernail/Teeth, Glass, Nail/Tooth, Other Blade, Other Sharp, Skin/Bone Hooks, Surgical Pickups, Forcep, Hemostat, Clamps, Retractor, Trocar, Winged Steel Needle, and Not Reported.

Table 6. Brand of Sharp

	PHR 2/3	Texas
BD	9	18
Jelco	*	12
Ethicon	*	7
Unknown	*	15
Others~	7	25
Not Reported	209	1204
Total	231	1281

*Represents 0-5 events

~Others includes Arrow, Bard Parker, Greenstone/Terumo, Jamshaidi, Kawasumi K-Shield, Lovenox, Magellan, Medi-Systems Fistula, Medline, Optimend, Protectiv Plus, Smiths Medical, Vanish Point, Vicryl, and Vicryl CT2.

Table 7. Original Intended Use of Sharp

	PHR 2/3	Texas
Suturing	25	262
Injection, Intra-Muscular/Subcutaneous/Intra-Dermal, or Other Injection through the Skin (Syringe)	38	257
Draw Blood Sample	25	134
Cutting	7	98
Start IV or Set Up Heparin Lock (IV Catheter or Winged Set-Type Needle)	9	47
Others~	124	460
Not Reported	*	23
Total	231	1281

*Represents 0-5 events

~Others includes Connect IV Line (Intermittent IV/Piggyback/IV Infusion/Other IV Line Connection), Contain a Specimen or Pharmaceutical (Glass Item), Dental, Dialysis, Draw Arterial Blood Sample, Drilling, Electrocautery, Finger Stick/Heel Stick, Obtain a Body Fluid or Tissue Sample, Other Injection into (or Aspiration from), Remove/Receive Central Line/Porta Catheter, Tattoo, Wiring, Other, and Unknown/NA.

Table 8. Injury Occurred Before, During, or After Sharp was Used

	PHR 2/3	Texas
Before	75	420
During	*	9
After	145	793
Not Reported	8	59
Total	231	1281

*Represents 0-5 events

Table 9. How the Incident Occurred

	PHR 2/3	Texas
Between Steps of a Multistep Procedure (Carrying, Handling, Passing/Receiving Syringe/Instrument, etc.)	90	379
Suturing	16	110
Activating Safety Device	23	106
Interaction with Another Person	12	64
Patient Moved During the Procedure	13	61
Found in an Inappropriate Place (e.g. Table, Bed, Linen, Floor, Trash)	*	61
Use of Sharps Container	6	51
Disassembling Device or Equipment	*	45
Others~	53	302
Not Reported	11	102
Total	231	1281

*Represents 0-5 events

~Others Includes Device Malfunctioned, Laboratory Procedure/Process, Preparation for Reuse of Instrument (Cleaning, Sorting, Disinfecting, Sterilizing, etc.), Recapping, Unsafe Practice, Use of IV/Central Line, and Other.

Table 10. Whether Sharp had Engineered Sharps Injury Protection

	PHR 2/3	Texas
Yes	63	368
No	67	478
Don't Know	94	381
Not Reported	7	54
Total	231	1281

*Represents 0-5 events

Table 11. If the Sharp had Engineered Sharps Injury Protection, was the Mechanism Activated?

	PHR 2/3	Texas
Yes	9	92
Yes, Fully	*	11
Yes, Partially	17	52
No	30	159
Don't Know	*	29
Not Reported	*	25
Total	63	368

*Represents 0-5 events

Table 12. Injury Occurred Before, During, or After Activation of the Protective Mechanism

	PHR 2/3	Texas
Before	23	136
During	24	116
After	14	78
Not Reported	*	38
Total	63	368

*Represents 0-5 events

Table 13. Was the Injured Person Wearing Gloves?

	PHR 2/3	Texas
Yes	212	1178
No	15	62
Don't Know	*	8
Not Reported	*	33
Total	231	1281

*Represents 0-5 events

Table 14. Was the Injured Person Vaccinated for Hepatitis B?

	PHR 2/3	Texas
Yes	209	1164
No	*	29
Don't Know	13	62
Not Reported	*	26
Total	231	1281

*Represents 0-5 events

Table 15. Was a Sharps Container Available for Disposal?

	PHR 2/3	Texas
Yes	221	1131
No	*	14
Not Reported	8	136
Total	231	1281

*Represents 0-5 events

Table 16. Did the Injured Person Receive Exposure Control Training within Last 12 Months?

	PHR 2/3	Texas
Yes	168	1002
No	44	68
Not Reported	19	211
Total	231	1281

*Represents 0-5 events

Table 17. Body Part Involved in the Exposure

	PHR 2/3	Texas
Hand	220	1206
Others~	11	75
Total	231	1281

*Represents 0-5 events

~Others includes Arm, Face/Head/Neck, Leg/Foot, Torso (Front or Back), and Not Reported.

Table 18. Job Classification/Title of Exposed Person

	PHR 2/3	Texas
Registered Nurse	77	300
Intern/Resident	*	272
Attending Physician (MD/DO)	17	99
OR/Surgical Technician	15	79
Licensed Vocational Nurse	10	27
Others~	105	487
Not Reported	*	17
Total	231	1281

*Represents 0-5 events

~Others includes Aide (e.g. CAN, HHA, Orderly), Anesthesia Technician, Clerical/Administrative, Clinical Lab Technician, Counselor/Social Worker, CRNA/NP, Dentist, Dental Assistant/Technician, Dental Student, Educator, EMT/Paramedic, Fellow, Firefighter, Food Service, Hemodialysis Technician, Housekeeper/Laundry, Medical Student, Morgue Tech/Autopsy Technician, Nursing Student, Pharmacist, Physician Assistant, Physical Therapist, Phlebotomist/Venipuncture, Psychiatric Technician, Radiologic Technician, Researcher, Respiratory Therapist/Technician, School Personnel (Not Nurse), and Other.

Table 19. Employment Status of Injured Person

	PHR 2/3	Texas
Employee	192	1139
Student	12	62
Contractor/Contract Employee	6	24
Volunteer	*	*
Other	18	30
Not Reported	*	25
Total	231	1281

*Represents 0-5 events

Table 20. Injuries by Facility Type

	PHR 2/3	Texas
Hospital	190	1016
Clinic	6	108
School/College	7	20
EMS/Fire/Police	*	18
Dental Facility	*	17
Laboratory (freestanding)	*	16
Others~	12	63
Not Reported	*	23
Total	231	1281

*Represents 0-5 events

~Others includes Correctional Facility, Home Health, Medical Examiner Office/Morgue, Outpatient Treatment (e.g. Dialysis, Infusion Therapy), Residential Facility (e.g. MHMR, Shelter), and Other.

Table 21. Department/Work Area of Exposure Incident

	PHR 2/3	Texas
Surgery/Operating Room	54	379
Patient/Resident Room	95	210
Emergency Department	12	91
Procedure Room	*	82
Critical Care Unit	*	63
Medical/Outpatient Clinic	*	49
Medical/Surgical Unit	*	49
Laboratory	13	67
L & D/Gynecology Unit	*	44
Dental Clinic	*	29
Others~	36	218
Total	231	1281

*Represents 0-5 events

~Others includes Ambulance, Autopsy/Pathology, Blood Bank Center/Mobile, Central Supply, Dialysis Room/Center, Endoscopy/Bronchoscopy/Cystoscopy, Field (Not EMS), Floor (Not Patient Room), Patient Home, Infirmary, Jail Unit, NICU, Nursery, Pediatrics, Pre-Op/PACU, Radiology Department, Rescue Setting (Non ER), Service/Utility Area (e.g. Laundry), Other, and Not Reported.