

2015 Texas Contaminated Sharps Injuries Public Health Region (PHR) 8

Table 1. Month of Exposure/Incident

	PHR 8	Texas
January	15	107
February	12	106
March	13	84
April	14	89
May	16	74
June	12	84
July	16	68
August	14	95
September	15	95
October	19	104
November	14	77
December	20	85
Unreported	7	69
Total	187	1137

*Represents 0-5 events

Table 2. Time of Exposure Incident

	PHR 8	Texas
7:00am-2:59pm	109	613
3:00pm-10:59pm	34	308
11:00pm-6:59am	44	216
Total	187	1137

*Represents 0-5 events

Table 3. Injuries by Age Group

	PHR 8	Texas
0-18	*	2
18-25	29	156
26-35	78	462
36-45	33	215
46-55	20	123
56-65	14	58
65+	*	15
Unreported	9	106
Total	187	1137

*Represents 0-5 events

Table 4. Injuries by Gender

	PHR 8	Texas
Female	134	715
Male	46	378
Unknown	7	44
Total	187	1137

*Represents 0-5 events

Table 5. Type of Sharp

	PHR 8	Texas
Needle/Syringe	103	594
Suture Needle	25	248
IV Catheter/Needle	16	66
Scalpel	14	60
Others~	29	169
Total	187	1137

*Represents 0-5 events

~Others may include Bone Cutter, Drill Bit/Bur, Electrocautery Device, Glass Item, Glass Slide, Huber, Lancet, Medication Ampule/Vial/IV Bottle, Microtome Blades, Nail/Tooth, Pin, Pipette, Razor, Scissors, Specimen Test Tube, Staple, Steel Suture, Surgical Forcep, Hemostat, Clamp, Towel Clip, Trocar, Vacuum Tube, Wire, and Unreported.

Table 6. Brand of Sharp

	PHR 8	Texas
BD	*	33
Jelco	10	14
Ethicon	*	10
Magellan	*	7
Others~	*	63
Unreported	169	1010
Total	187	1137

*Represents 0-5 events

~Others may include AMBU Sub EM6, Arrow Bard 14 Gauge, Bard Parker, Beyer-Microlet, Braun, Cardinal Health, Cryostat Blade, Deltec Gripper Plus, Endo Explorer, Epi Med, EZ-I.O., Vidacare, EZIO, Fast Stitch, Fischer, Greimer Bio One, Greiner Bio-One, Hu Friendly, Insute, IO Needle, Iris, IV Interlock, Keith Needle, Kit, K-wire, Lonestar, Lovenox, Mayo Str. Scissors, McKesson, Monojet, Nipro, Protect IV Plus Safety Catheter, Safe PICO Arterial Blood Gas Sampling Kit, Safety Cath, Saf-Twing, SH Taper Suture Needle, Smith Medical, Sore Comfort, Ucryl, V. Mueller, Vacuette, Vacutte Greiner, Vanish Point, Vicryl OCTX, Vidacare, and Winged Infusion Set.

Table 7. Original Intended Use of Sharp

	PHR 8	Texas
Injection, Intra-Muscular/Subcutaneous/Intra-Dermal, or Other Injection Through the Skin (Syringe)	63	232
Suturing	22	231
Draw Venous Blood Sample	19	107
Unknown/Not Applicable	10	95
Cutting	15	71
Start IV or Set Up Heparin Lock (IV Catheter or Winged Set-Type Needle)	11	48
Others~	47	353
Total	187	1137

*Represents 0-5 events

~Others may include 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, Heparin or Saline Flush, Obtain a Body Fluid or Tissue Sample, Other Injection into (or Aspiration from) IV Injection Site or IV Port (Syringe), Remove/Receive Central Line/Porta Catheter, Tattoo, Wiring, Other, and Unreported.

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

	PHR 8	Texas
Before	*	3
During	33	369
After	139	702
Unreported	15	63
Total	187	1137

*Represents 0-5 events

Table 9. How the Incident Occurred

	PHR 8	Texas
Between Steps of a Multistep Procedure (Carrying, Handling, Passing/Receiving Syringe/Instrument, etc.)	33	322
Suturing	13	94
Activating Safety Device	24	86
Patient Moved During the Procedure	19	73
Found in an Inappropriate Place (e.g. Table, Bed, Linen, Floor, Trash)	17	59
Interaction with Another Person	8	57
Use of Sharps Container	16	54
Disassembling Device or Equipment	*	38
Unreported	11	82
Others~	42	272
Total	187	1137

*Represents 0-5 events

~Others may include Culture Stick, Device Malfunctioned, Device Pierced the Side of the Disposal Container, Glass Shattered, Glass Syringe Broke, Laboratory Procedure/Process, No Protective Mechanism on Needle, Preparation for Reuse of Instrument (Cleaning, Sorting, Disinfecting, Sterilizing, etc.), Recapping, Stepped on Needle, Orthopedic Surgery, Transferring Blood from Syringe to Specimen Tube, Unsafe Practice, Use of IV/Central Line, and Other.

Table 10. Whether Sharp Had Engineered Sharps Injury Protection

	PHR 8	Texas
Yes	83	338
No	80	451
Don't Know	15	315
Unreported	9	33
Total	187	1137

*Represents 0-5 events

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

	PHR 8	Texas
Yes	23	49
Yes, fully	*	18
Yes, partially	*	43
No	46	177
Don't Know	*	28
Unreported	*	23
Total	83	338

*Represents 0-5 events

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

	PHR 8	Texas
Before	38	120
During	19	94
After	20	62
Unreported	6	62
Total	83	338

*Represents 0-5 events

Table 13. Was the Injured Person Wearing Gloves?

	PHR 8	Texas
Yes	157	1040
No	10	49
Don't Know	*	20
Unreported	15	28
Total	187	1137

*Represents 0-5 events

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

	PHR 8	Texas
Yes	169	1056
No	10	32
Don't Know	*	27
Unreported	7	22
Total	187	1137

*Represents 0-5 events

Table 15. Was a Sharps Container Available for Disposal?

	PHR 8	Texas
Yes	174	1032
No	*	21
Unreported	11	84
Total	187	1137

*Represents 0-5 events

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

	PHR 8	Texas
Yes	102	931
No	*	50
Unreported	84	156
Total	187	1137

*Represents 0-5 events

Table 17. Body Part Involved in the Exposure

	PHR 8	Texas
Hand	180	1082
Others~	7	55
Total	187	1137

*Represents 0-5 events

~Others may include Arm, Leg/Foot, Face/Head/Neck, Torso (Front or Back), and Unreported.

Table 18. Job Classification/Title of Exposed Person

	PHR 8	Texas
Registered Nurse	63	291
Intern/Resident	36	228
Attending Physician (MD/DO)	9	97
OR/Surgical Technician	9	51
Licensed Vocational Nurse	6	45
Unreported	12	26
Others~	52	399
Total	187	1137

*Represents 0-5 events

~Others may include Aide (e.g. CAN, HHA, Orderly), Anesthesia Technician, Clerical/Administrative, Clinical Lab Technician, CRNA/NP, Dentist, Dental Assistant/Technician, Dental Student, Educator, EMT/Paramedic, Firefighter, Hemodialysis Technician, Instrument Technician, Law Enforcement Officer, Mammography Technician, Medical Assistant, Medical Student, Morgue Tech/Autopsy Technician, Nurse Midwife, Nursing Student, Pharmacist, Physician Assistant, Physical Therapist, Phlebotomist/Venipuncture, IV Team, Psychiatric Technician, Radiologic Technician, Researcher, Respiratory Therapist/Technician, Safety/Security, School Personnel (Not Nurse), Surgery Technician, Volunteer, and Other.

Table 19. Employment Status of Injured Person

	PHR 8	Texas
Employee	167	963
Student	*	59
Contractor/Contract Employee	*	30
Volunteer	*	1
Other	*	53
Unreported	11	31
Total	187	1137

*Represents 0-5 events

Table 20. Injuries by Facility Type

	PHR 8	Texas
Hospital	148	894
Clinic	22	116
Dental Facility	*	26
Laboratory (Freestanding)	*	8
Unreported	10	23
Others~	6	70
Total	187	1137

*Represents 0-5 events

~Others may include Correctional Facility, EMS/Fire/Police, Home Health, Medical Examiner Office/Morgue, Outpatient Treatment (e.g. Dialysis, Infusion Therapy), Residential Facility (e.g. MHMR, Shelter), Same Day Surgery, School, College, Specialty Care Area, Wound Center, and Other.

Table 21. Department/Work Area of Exposure Incident

	PHR 8	Texas
Surgery/Operating Room	38	300
Patient/Resident Room	12	208
Emergency Department	20	82
Procedure Room	*	70
Critical Care Unit	18	64
Medical/Outpatient Clinic	7	57
Medical/Surgical Unit	33	48
Laboratory	9	46
L & D/Gynecology Unit	*	36
Dental Clinic	*	29
Others~	43	197
Total	187	1137

*Represents 0-5 events

~Others may include Ambulance, Autopsy/Pathology, Break Room, Burn Unit, CICU, Clinic, Dialysis Room/Center, Endoscopy/Bronchoscopy/Cystoscopy, Floor (Not Patient Room), Food Service, Patient Home, Infirmary, Jail Unit, NICU, Nursery, Nurse's Station, Pain Clinic, Pediatrics, Pre-Op/PACU, Radiology Department, Rescue Setting (Non ER), Research Lab, Restroom, School Nurse's Office, Seclusion Room/Psychiatric Unit, Service/Utility Area (e.g. Laundry), Sidewalk, Sterile Processing, Other, and Unreported.

Note: The specific Public Health Region was unreported on one record and was not included in the 2015 data tables.