

2015 Texas Contaminated Sharps Injuries Public Health Region (PHR) 2/3

Table 1. Month of Exposure/Incident

	PHR 2/3	Texas
January	22	107
February	8	106
March	18	84
April	15	89
May	7	74
June	9	84
July	10	68
August	12	95
September	18	95
October	13	104
November	13	77
December	15	85
Unreported	*	69
Total	162	1137

*Represents 0-5 events

Table 2. Time of Exposure Incident

	PHR 2/3	Texas
7:00am-2:59pm	80	613
3:00pm-10:59pm	47	308
11:00pm-6:59am	35	216
Total	162	1137

*Represents 0-5 events

Table 3. Injuries by Age Group

	PHR 2/3	Texas
0-18	*	2
18-25	20	156
26-35	63	462
36-45	32	215
46-55	18	123
56-65	11	58
65+	*	15
Unreported	16	106
Total	162	1137

*Represents 0-5 events

Table 4. Injuries by Gender

	PHR 2/3	Texas
Female	109	715
Male	50	378
Unknown	*	44
Total	162	1137

*Represents 0-5 events

Table 5. Type of Sharp

	PHR 2/3	Texas
Needle/Syringe	104	594
Suture Needle	23	248
IV Catheter/Needle	9	66
Scalpel	*	60
Others~	22	169
Total	162	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 2/3	Texas
BD	12	33
Jelco	*	14
Ethicon	7	10
Magellan	*	7
Others~	12	63
Unreported	118	1010
Total	162	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 2/3	Texas
Injection, Intra-Muscular/Subcutaneous/Intra-Dermal, or Other Injection Through the Skin (Syringe)	32	232
Suturing	25	231
Draw Venous Blood Sample	16	107
Unknown/Not Applicable	7	95
Cutting	*	71
Start IV or Set Up Heparin Lock (IV Catheter or Winged Set-Type Needle)	11	48
Others~	68	353
Total	162	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 2/3	Texas
Before	*	3
During	56	369
After	102	702
Unreported	*	63
Total	162	1137

*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.)	47	322
Suturing	12	94
Activating Safety Device	14	86
Patient Moved During the Procedure	17	73
Found in an Inappropriate Place (e.g. Table, Bed, Linen, Floor, Trash)	11	59
Interaction with Another Person	7	57
Use of Sharps Container	*	54
Disassembling Device or Equipment	*	38
Unreported	*	82
Others~	40	272
Total	162	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 2/3	Texas
Yes	52	338
No	60	451
Don't Know	49	315
Unreported	*	33
Total	162	1137

*Represents 0-5 events

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

	PHR 2/3	Texas
Yes	6	49
Yes, fully	*	18
Yes, partially	7	43
No	28	177
Don't Know	*	28
Unreported	*	23
Total	52	338

*Represents 0-5 events

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

	PHR 2/3	Texas
Before	14	120
During	19	94
After	10	62
Unreported	9	62
Total	52	338

*Represents 0-5 events

Table 13. Was the Injured Person Wearing Gloves?

	PHR 2/3	Texas
Yes	147	1040
No	12	49
Don't Know	*	20
Unreported	*	28
Total	162	1137

*Represents 0-5 events

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

	PHR 2/3	Texas
Yes	150	1056
No	*	32
Don't Know	*	27
Unreported	*	22
Total	162	1137

*Represents 0-5 events

Table 15. Was a Sharps Container Available for Disposal?

	PHR 2/3	Texas
Yes	154	1032
No	*	21
Unreported	6	84
Total	162	1137

*Represents 0-5 events

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

	PHR 2/3	Texas
Yes	130	931
No	27	50
Unreported	*	156
Total	162	1137

*Represents 0-5 events

Table 17. Body Part Involved in the Exposure

	PHR 2/3	Texas
Hand	149	1082
Others~	13	55
Total	162	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 2/3	Texas
Registered Nurse	54	291
Intern/Resident	*	228
Attending Physician (MD/DO)	16	97
OR/Surgical Technician	10	51
Licensed Vocational Nurse	13	45
Unreported	*	26
Others~	66	399
Total	162	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 2/3	Texas
Employee	132	963
Student	*	59
Contractor/Contract Employee	16	30
Volunteer	*	1
Other	9	53
Unreported	*	31
Total	162	1137

*Represents 0-5 events

Table 20. Injuries by Facility Type

	PHR 2/3	Texas
Hospital	125	894
Clinic	15	116
Dental Facility	*	26
Laboratory (Freestanding)	*	8
Unreported	*	23
Others~	18	70
Total	162	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 2/3	Texas
Surgery/Operating Room	36	300
Patient/Resident Room	51	208
Emergency Department	15	82
Procedure Room	8	70
Critical Care Unit	6	64
Medical/Outpatient Clinic	*	57
Medical/Surgical Unit	*	48
Laboratory	7	46
L & D/Gynecology Unit	*	36
Dental Clinic	*	29
Others~	29	197
Total	162	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.