

## 2015 Texas Contaminated Sharps Injuries Public Health Region (PHR) 4/5N

**Table 1. Month of Exposure/Incident**

	PHR 4/5N	Texas
January	*	107
February	*	106
March	*	84
April	*	89
May	*	74
June	*	84
July	*	68
August	*	95
September	*	95
October	*	104
November	*	77
December	*	85
Unreported	6	69
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

**Table 2. Time of Exposure Incident**

	PHR 4/5N	Texas
7:00am-2:59pm	*	613
3:00pm-10:59pm	*	308
11:00pm-6:59am	*	216
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

**Table 3. Injuries by Age Group**

	<b>PHR 4/5N</b>	<b>Texas</b>
0-18	*	2
18-25	*	156
26-35	*	462
36-45	*	215
46-55	*	123
56-65	*	58
65+	*	15
Unreported	*	106
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

**Table 4. Injuries by Gender**

	<b>PHR 4/5N</b>	<b>Texas</b>
Female	*	715
Male	*	378
Unknown	*	44
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

**Table 5. Type of Sharp**

	<b>PHR 4/5N</b>	<b>Texas</b>
Needle/Syringe	6	594
Suture Needle	*	248
IV Catheter/Needle	*	66
Scalpel	*	60
Others~	*	169
<b>Total</b>	<b>9</b>	<b>1137</b>

\*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**

	<b>PHR 4/5N</b>	<b>Texas</b>
BD	*	33
Jelco	*	14
Ethicon	*	10
Magellan	*	7
Others~	*	63
Unreported	6	1010
<b>Total</b>	<b>9</b>	<b>1137</b>

\*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 4/5N	Texas
Injection, Intra-Muscular/Subcutaneous/Intra-Dermal, or Other Injection Through the Skin (Syringe)	*	232
Suturing	*	231
Draw Venous Blood Sample	*	107
Unknown/Not Applicable	*	95
Cutting	*	71
Start IV or Set Up Heparin Lock (IV Catheter or Winged Set-Type Needle)	*	48
Others~	*	353
<b>Total</b>	<b>9</b>	<b>1137</b>

\*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 4/5N	Texas
Before	*	3
During	*	369
After	*	702
Unreported	*	63
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

**Table 9. How the Incident Occurred**

	<b>PHR 4/5N</b>	<b>Texas</b>
Between Steps of a Multistep Procedure (Carrying, Handling, Passing/Receiving Syringe/Instrument, etc.)	*	322
Suturing	*	94
Activating Safety Device	*	86
Patient Moved During the Procedure	*	73
Found in an Inappropriate Place (e.g. Table, Bed, Linen, Floor, Trash)	*	59
Interaction with Another Person	*	57
Use of Sharps Container	*	54
Disassembling Device or Equipment	*	38
Unreported	*	82
Others~	*	272
<b>Total</b>	<b>9</b>	<b>1137</b>

\*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**

	<b>PHR 4/5N</b>	<b>Texas</b>
Yes	*	338
No	*	451
Don't Know	*	315
Unreported	*	33
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

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

	PHR 4/5N	Texas
Yes	*	49
Yes, fully	*	18
Yes, partially	*	43
No	*	177
Don't Know	*	28
Unreported	*	23
<b>Total</b>	<b>*</b>	<b>338</b>

\*Represents 0-5 events

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

	PHR 4/5N	Texas
Before	*	120
During	*	94
After	*	62
Unreported	*	62
<b>Total</b>	<b>*</b>	<b>338</b>

\*Represents 0-5 events

**Table 13. Was the Injured Person Wearing Gloves?**

	PHR 4/5N	Texas
Yes	9	1040
No	*	49
Don't Know	*	20
Unreported	*	28
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

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

	<b>PHR 4/5N</b>	<b>Texas</b>
Yes	9	1056
No	*	32
Don't Know	*	27
Unreported	*	22
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

**Table 15. Was a Sharps Container Available for Disposal?**

	<b>PHR 4/5N</b>	<b>Texas</b>
Yes	7	1032
No	*	21
Unreported	*	84
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

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

	<b>PHR 4/5N</b>	<b>Texas</b>
Yes	8	931
No	*	50
Unreported	*	156
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

**Table 17. Body Part Involved in the Exposure**

	<b>PHR 4/5N</b>	<b>Texas</b>
Hand	7	1082
Others~	*	55
<b>Total</b>	<b>9</b>	<b>1137</b>

\*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**

	<b>PHR 4/5N</b>	<b>Texas</b>
Registered Nurse	*	291
Intern/Resident	*	228
Attending Physician (MD/DO)	*	97
OR/Surgical Technician	*	51
Licensed Vocational Nurse	*	45
Unreported	*	26
Others~	*	399
<b>Total</b>	<b>9</b>	<b>1137</b>

\*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**

	<b>PHR 4/5N</b>	<b>Texas</b>
Employee	8	963
Student	*	59
Contractor/Contract Employee	*	30
Volunteer	*	1
Other	*	53
Unreported	*	31
<b>Total</b>	<b>9</b>	<b>1137</b>

\*Represents 0-5 events

**Table 20. Injuries by Facility Type**

	<b>PHR 4/5N</b>	<b>Texas</b>
Hospital	*	894
Clinic	*	116
Dental Facility	*	26
Laboratory (Freestanding)	*	8
Unreported	*	23
Others~	*	70
<b>Total</b>	<b>9</b>	<b>1137</b>

\*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**

	<b>PHR 4/5N</b>	<b>Texas</b>
Surgery/Operating Room	*	300
Patient/Resident Room	*	208
Emergency Department	*	82
Procedure Room	*	70
Critical Care Unit	*	64
Medical/Outpatient Clinic	*	57
Medical/Surgical Unit	*	48
Laboratory	*	46
L & D/Gynecology Unit	*	36
Dental Clinic	*	29
Others~	*	197
<b>Total</b>	<b>9</b>	<b>1137</b>

\*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.