

2015 Texas Contaminated Sharps Injuries Public Health Region (PHR) 6/5S

Table 1. Month of Exposure/Incident

	PHR 6/5S	Texas
January	48	107
February	51	106
March	34	84
April	38	89
May	34	74
June	39	84
July	32	68
August	43	95
September	47	95
October	52	104
November	38	77
December	36	85
Unreported	45	69
Total	537	1137

*Represents 0-5 events

Table 2. Time of Exposure Incident

	PHR 6/5S	Texas
7:00am-2:59pm	295	613
3:00pm-10:59pm	152	308
11:00pm-6:59am	90	216
Total	537	1137

*Represents 0-5 events

Table 3. Injuries by Age Group

	PHR 6/5S	Texas
0-18	*	2
18-25	66	156
26-35	246	462
36-45	103	215
46-55	62	123
56-65	19	58
65+	7	15
Unreported	33	106
Total	537	1137

*Represents 0-5 events

Table 4. Injuries by Gender

	PHR 6/5S	Texas
Female	315	715
Male	196	378
Unknown	26	44
Total	537	1137

*Represents 0-5 events

Table 5. Type of Sharp

	PHR 6/5S	Texas
Needle/Syringe	236	594
Suture Needle	157	248
IV Catheter/Needle	25	66
Scalpel	35	60
Others~	84	169
Total	537	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 6/5S	Texas
BD	*	33
Jelco	*	14
Ethicon	*	10
Magellan	*	7
Others~	3	63
Unreported	524	1010
Total	537	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 6/5S	Texas
Injection, Intra-Muscular/Subcutaneous/Intra-Dermal, or Other Injection Through the Skin (Syringe)	73	232
Suturing	150	231
Draw Venous Blood Sample	44	107
Unknown/Not Applicable	67	95
Cutting	42	71
Start IV or Set Up Heparin Lock (IV Catheter or Winged Set-Type Needle)	17	48
Others~	144	353
Total	537	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 6/5S	Texas
Before	*	3
During	195	369
After	322	702
Unreported	18	63
Total	537	1137

*Represents 0-5 events

Table 9. How the Incident Occurred

	PHR 6/5S	Texas
Between Steps of a Multistep Procedure (Carrying, Handling, Passing/Receiving Syringe/Instrument, etc.)	210	322
Suturing	61	94
Activating Safety Device	29	86
Patient Moved During the Procedure	10	73
Found in an Inappropriate Place (e.g. Table, Bed, Linen, Floor, Trash)	18	59
Interaction with Another Person	29	57
Use of Sharps Container	25	54
Disassembling Device or Equipment	20	38
Unreported	18	82
Others~	117	272
Total	537	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 6/5S	Texas
Yes	101	338
No	216	451
Don't Know	206	315
Unreported	14	33
Total	537	1137

*Represents 0-5 events

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

	PHR 6/5S	Texas
Yes	10	49
Yes, fully	*	18
Yes, partially	18	43
No	44	177
Don't Know	20	28
Unreported	9	23
Total	101	338

*Represents 0-5 events

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

	PHR 6/5S	Texas
Before	33	120
During	26	94
After	7	62
Unreported	35	62
Total	101	338

*Represents 0-5 events

Table 13. Was the Injured Person Wearing Gloves?

	PHR 6/5S	Texas
Yes	507	1040
No	14	49
Don't Know	12	20
Unreported	*	28
Total	537	1137

*Represents 0-5 events

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

	PHR 6/5S	Texas
Yes	515	1056
No	7	32
Don't Know	12	27
Unreported	*	22
Total	537	1137

*Represents 0-5 events

Table 15. Was a Sharps Container Available for Disposal?

	PHR 6/5S	Texas
Yes	474	1032
No	10	21
Unreported	53	84
Total	537	1137

*Represents 0-5 events

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

	PHR 6/5S	Texas
Yes	474	931
No	11	50
Unreported	52	156
Total	537	1137

*Represents 0-5 events

Table 17. Body Part Involved in the Exposure

	PHR 6/5S	Texas
Hand	519	1082
Others~	18	55
Total	537	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 6/5S	Texas
Registered Nurse	94	291
Intern/Resident	160	228
Attending Physician (MD/DO)	59	97
OR/Surgical Technician	19	51
Licensed Vocational Nurse	8	45
Unreported	*	26
Others~	195	399
Total	537	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 6/5S	Texas
Employee	436	963
Student	47	59
Contractor/Contract Employee	*	30
Volunteer	*	1
Other	38	53
Unreported	10	31
Total	537	1137

*Represents 0-5 events

Table 20. Injuries by Facility Type

	PHR 6/5S	Texas
Hospital	426	894
Clinic	49	116
Dental Facility	23	26
Laboratory (Freestanding)	7	8
Unreported	*	23
Others~	30	70
Total	537	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 6/5S	Texas
Surgery/Operating Room	188	300
Patient/Resident Room	76	208
Emergency Department	21	82
Procedure Room	45	70
Critical Care Unit	29	64
Medical/Outpatient Clinic	36	57
Medical/Surgical Unit	6	48
Laboratory	20	46
L & D/Gynecology Unit	18	36
Dental Clinic	26	29
Others~	72	197
Total	537	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.