

2016 Texas Contaminated Sharps Injuries Public Health Region (PHR) 6/5 South

Table 1. Month of Exposure/Incident

	PHR 6/5S	Texas
January	37	89
February	46	89
March	34	80
April	41	90
May	37	86
June	41	96
July	62	105
August	55	129
September	55	115
October	65	114
November	52	105
December	38	88
Not Reported	57	95
Total	620	1281

*Represents 0-5 events

Table 2. Time of Exposure Incident

	PHR 6/5S	Texas
7:00am-2:59pm	282	538
3:00pm-10:59pm	195	346
11:00pm-6:59am	79	160
Not Reported	64	237
Total	620	1281

*Represents 0-5 events

Table 3. Injuries by Age Group

	PHR 6/5S	Texas
0-18	40	133
18-25	74	160
26-35	310	593
36-45	101	206
46-55	55	104
56-65	35	75
65+	*	10
Total	620	1281

*Represents 0-5 events

Table 4. Injuries by Gender

	PHR 6/5S	Texas
Female	383	823
Male	224	420
Not Reported	13	38
Total	620	1281

*Represents 0-5 events

Table 5. Type of Sharp

	PHR 6/5S	Texas
Needle/Syringe	266	615
Suture Needle	164	288
Scalpel	58	90
IV Catheter/Needle	28	67
Others~	104	221
Total	620	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 6/5S	Texas
BD	*	18
Jelco	*	12
Ethicon	*	7
Unknown	11	15
Others~	*	25
Not Reported	599	1204
Total	620	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 6/5S	Texas
Suturing	150	262
Injection, Intra-Muscular/Subcutaneous/Intra-Dermal, or Other Injection through the Skin (Syringe)	110	257
Draw Blood Sample	61	134
Cutting	59	98
Start IV or Set Up Heparin Lock (IV Catheter or Winged Set-Type Needle)	13	47
Others~	213	460
Not Reported	14	23
Total	620	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 6/5S	Texas
Before	226	420
During	*	9
After	367	793
Not Reported	25	59
Total	620	1281

*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.)	216	379
Suturing	65	110
Activating Safety Device	34	106
Interaction with Another Person	40	64
Patient Moved During the Procedure	25	61
Found in an Inappropriate Place (e.g. Table, Bed, Linen, Floor, Trash)	20	61
Use of Sharps Container	22	51
Disassembling Device or Equipment	32	45
Others~	139	302
Not Reported	27	102
Total	620	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 6/5S	Texas
Yes	148	368
No	183	478
Don't Know	261	381
Not Reported	28	54
Total	620	1281

*Represents 0-5 events

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

	PHR 6/5S	Texas
Yes	42	92
Yes, Fully	*	11
Yes, Partially	15	52
No	56	159
Don't Know	20	29
Not Reported	12	25
Total	148	368

*Represents 0-5 events

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

	PHR 6/5S	Texas
Before	61	136
During	42	116
After	17	78
Not Reported	28	38
Total	148	368

*Represents 0-5 events

Table 13. Was the Injured Person Wearing Gloves?

	PHR 6/5S	Texas
Yes	581	1178
No	18	62
Don't Know	7	8
Not Reported	14	33
Total	620	1281

*Represents 0-5 events

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

	PHR 6/5S	Texas
Yes	564	1164
No	7	29
Don't Know	38	62
Not Reported	11	26
Total	620	1281

*Represents 0-5 events

Table 15. Was a Sharps Container Available for Disposal?

	PHR 6/5S	Texas
Yes	506	1131
No	*	14
Not Reported	109	136
Total	620	1281

*Represents 0-5 events

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

	PHR 6/5S	Texas
Yes	549	1002
No	11	68
Not Reported	60	211
Total	620	1281

*Represents 0-5 events

Table 17. Body Part Involved in the Exposure

	PHR 6/5S	Texas
Hand	585	1206
Others~	35	75
Total	620	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 6/5S	Texas
Registered Nurse	104	300
Intern/Resident	178	272
Attending Physician (MD/DO)	44	99
OR/Surgical Technician	38	79
Licensed Vocational Nurse	*	27
Others~	248	487
Not Reported	*	17
Total	620	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 6/5S	Texas
Employee	553	1139
Student	41	62
Contractor/Contract Employee	11	24
Volunteer	*	*
Other	*	30
Not Reported	11	25
Total	620	1281

*Represents 0-5 events

Table 20. Injuries by Facility Type

	PHR 6/5S	Texas
Hospital	494	1016
Clinic	46	108
School/College	8	20
EMS/Fire/Police	10	18
Dental Facility	12	17
Laboratory (freestanding)	7	16
Others~	36	63
Not Reported	7	23
Total	620	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 6/5S	Texas
Surgery/Operating Room	214	379
Patient/Resident Room	73	210
Emergency Department	41	91
Procedure Room	60	82
Critical Care Unit	19	63
Medical/Outpatient Clinic	19	49
Medical/Surgical Unit	9	49
Laboratory	31	67
L & D/Gynecology Unit	34	44
Dental Clinic	22	29
Others~	98	218
Total	620	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.