

2016 Texas Contaminated Sharps Injuries Public Health Region (PHR) 1

Table 1. Month of Exposure/Incident

| | PHR 1 | Texas |
|--------------|-----------|-------------|
| January | 12 | 89 |
| February | 8 | 89 |
| March | * | 80 |
| April | * | 90 |
| May | 9 | 86 |
| June | * | 96 |
| July | * | 105 |
| August | 8 | 129 |
| September | 6 | 115 |
| October | 8 | 114 |
| November | 10 | 105 |
| December | 7 | 88 |
| Not Reported | 14 | 95 |
| Total | 97 | 1281 |

*Represents 0-5 events

Table 2. Time of Exposure Incident

| | PHR 1 | Texas |
|----------------|-----------|-------------|
| 7:00am-2:59pm | 43 | 538 |
| 3:00pm-10:59pm | 26 | 346 |
| 11:00pm-6:59am | 10 | 160 |
| Not Reported | 18 | 237 |
| Total | 97 | 1281 |

*Represents 0-5 events

Table 3. Injuries by Age Group

| | PHR 1 | Texas |
|--------------|--------------|--------------|
| 0-18 | 34 | 133 |
| 18-25 | 16 | 160 |
| 26-35 | 31 | 593 |
| 36-45 | 10 | 206 |
| 46-55 | * | 104 |
| 56-65 | * | 75 |
| 65+ | * | 10 |
| Total | 97 | 1281 |

*Represents 0-5 events

Table 4. Injuries by Gender

| | PHR 1 | Texas |
|--------------|--------------|--------------|
| Female | 59 | 823 |
| Male | 31 | 420 |
| Not Reported | 7 | 38 |
| Total | 97 | 1281 |

*Represents 0-5 events

Table 5. Type of Sharp

| | PHR 1 | Texas |
|--------------------|--------------|--------------|
| Needle/Syringe | 49 | 615 |
| Suture Needle | 25 | 288 |
| Scalpel | 7 | 90 |
| IV Catheter/Needle | 6 | 67 |
| Others~ | 10 | 221 |
| Total | 97 | 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 1 | Texas |
|--------------|--------------|--------------|
| BD | * | 18 |
| Jelco | * | 12 |
| Ethicon | * | 7 |
| Unknown | * | 15 |
| Others~ | 8 | 25 |
| Not Reported | 83 | 1204 |
| Total | 97 | 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 1 | Texas |
|--|--------------|--------------|
| Suturing | 27 | 262 |
| Injection, Intra-Muscular/Subcutaneous/Intra-Dermal, or Other Injection through the Skin (Syringe) | 22 | 257 |
| Draw Blood Sample | 7 | 134 |
| Cutting | 8 | 98 |
| Start IV or Set Up Heparin Lock (IV Catheter or Winged Set-Type Needle) | * | 47 |
| Others~ | 26 | 460 |
| Not Reported | * | 23 |
| Total | 97 | 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 1 | Texas |
|--------------|--------------|--------------|
| Before | 38 | 420 |
| During | * | 9 |
| After | 53 | 793 |
| Not Reported | * | 59 |
| Total | 97 | 1281 |

*Represents 0-5 events

Table 9. How the Incident Occurred

| | PHR 1 | Texas |
|---|--------------|--------------|
| Between Steps of a Multistep Procedure (Carrying, Handling, Passing/Receiving Syringe/Instrument, etc.) | 9 | 379 |
| Suturing | 7 | 110 |
| Activating Safety Device | 11 | 106 |
| Interaction with Another Person | * | 64 |
| Patient Moved During the Procedure | * | 61 |
| Found in an Inappropriate Place (e.g. Table, Bed, Linen, Floor, Trash) | 7 | 61 |
| Use of Sharps Container | 6 | 51 |
| Disassembling Device or Equipment | * | 45 |
| Others~ | 18 | 302 |
| Not Reported | 35 | 102 |
| Total | 97 | 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 1 | Texas |
|--------------|--------------|--------------|
| Yes | 27 | 368 |
| No | 59 | 478 |
| Don't Know | * | 381 |
| Not Reported | 7 | 54 |
| Total | 97 | 1281 |

*Represents 0-5 events

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

| | PHR 1 | Texas |
|----------------|--------------|--------------|
| Yes | 12 | 92 |
| Yes, Fully | * | 11 |
| Yes, Partially | * | 52 |
| No | 10 | 159 |
| Don't Know | * | 29 |
| Not Reported | * | 25 |
| Total | 27 | 368 |

*Represents 0-5 events

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

| | PHR 1 | Texas |
|--------------|--------------|--------------|
| Before | * | 136 |
| During | 15 | 116 |
| After | 7 | 78 |
| Not Reported | * | 38 |
| Total | 27 | 368 |

*Represents 0-5 events

Table 13. Was the Injured Person Wearing Gloves?

| | PHR 1 | Texas |
|--------------|--------------|--------------|
| Yes | 87 | 1178 |
| No | 7 | 62 |
| Don't Know | * | 8 |
| Not Reported | * | 33 |
| Total | 97 | 1281 |

*Represents 0-5 events

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

| | PHR 1 | Texas |
|--------------|--------------|--------------|
| Yes | 92 | 1164 |
| No | * | 29 |
| Don't Know | * | 62 |
| Not Reported | * | 26 |
| Total | 97 | 1281 |

*Represents 0-5 events

Table 15. Was a Sharps Container Available for Disposal?

| | PHR 1 | Texas |
|--------------|--------------|--------------|
| Yes | 88 | 1131 |
| No | * | 14 |
| Not Reported | 8 | 136 |
| Total | 97 | 1281 |

*Represents 0-5 events

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

| | PHR 1 | Texas |
|--------------|--------------|--------------|
| Yes | 83 | 1002 |
| No | * | 68 |
| Not Reported | 10 | 211 |
| Total | 97 | 1281 |

*Represents 0-5 events

Table 17. Body Part Involved in the Exposure

| | PHR 1 | Texas |
|--------------|--------------|--------------|
| Hand | 92 | 1206 |
| Others~ | * | 75 |
| Total | 97 | 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 1 | Texas |
|-----------------------------|--------------|--------------|
| Registered Nurse | 27 | 300 |
| Intern/Resident | 16 | 272 |
| Attending Physician (MD/DO) | 14 | 99 |
| OR/Surgical Technician | 6 | 79 |
| Licensed Vocational Nurse | * | 27 |
| Others~ | 24 | 487 |
| Not Reported | 6 | 17 |
| Total | 97 | 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 1 | Texas |
|------------------------------|--------------|--------------|
| Employee | 90 | 1139 |
| Student | * | 62 |
| Contractor/Contract Employee | * | 24 |
| Volunteer | * | * |
| Other | * | 30 |
| Not Reported | * | 25 |
| Total | 97 | 1281 |

*Represents 0-5 events

Table 20. Injuries by Facility Type

| | PHR 1 | Texas |
|---------------------------|--------------|--------------|
| Hospital | 78 | 1016 |
| Clinic | 9 | 108 |
| School/College | * | 20 |
| EMS/Fire/Police | * | 18 |
| Dental Facility | * | 17 |
| Laboratory (Freestanding) | * | 16 |
| Others~ | * | 63 |
| Not Reported | 7 | 23 |
| Total | 97 | 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 1 | Texas |
|---------------------------|--------------|--------------|
| Surgery/Operating Room | 32 | 379 |
| Patient/Resident Room | 23 | 210 |
| Emergency Department | * | 91 |
| Procedure Room | 10 | 82 |
| Critical Care Unit | 7 | 63 |
| Medical/Outpatient Clinic | * | 49 |
| Medical/Surgical Unit | * | 49 |
| Laboratory | * | 67 |
| L & D/Gynecology Unit | * | 44 |
| Dental Clinic | * | 29 |
| Others~ | 14 | 218 |
| Total | 97 | 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.