

## 2016 Texas Contaminated Sharps Injuries Public Health Region (PHR) 8

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

	<b>PHR 8</b>	<b>Texas</b>
January	25	89
February	16	89
March	12	80
April	17	90
May	26	86
June	27	96
July	12	105
August	26	129
September	24	115
October	16	114
November	18	105
December	20	88
Not Reported	*	95
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

**Table 2. Time of Exposure Incident**

	<b>PHR 8</b>	<b>Texas</b>
7:00am-2:59pm	75	538
3:00pm-10:59pm	28	346
11:00pm-6:59am	23	160
Not Reported	117	237
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

**Table 3. Injuries by Age Group**

	<b>PHR 8</b>	<b>Texas</b>
0-18	21	133
18-25	29	160
26-35	121	593
36-45	41	206
46-55	20	104
56-65	9	75
65+	*	10
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

**Table 4. Injuries by Gender**

	<b>PHR 8</b>	<b>Texas</b>
Female	146	823
Male	89	420
Not Reported	8	38
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

**Table 5. Type of Sharp**

	<b>PHR 8</b>	<b>Texas</b>
Needle/Syringe	119	615
Suture Needle	57	288
Scalpel	17	90
IV Catheter/Needle	11	67
Others~	39	221
<b>Total</b>	<b>243</b>	<b>1281</b>

\*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**

	<b>PHR 8</b>	<b>Texas</b>
BD	*	18
Jelco	7	12
Ethicon	*	7
Unknown	*	15
Others~	*	25
Not Reported	229	1204
<b>Total</b>	<b>243</b>	<b>1281</b>

\*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**

	<b>PHR 8</b>	<b>Texas</b>
Suturing	52	262
Injection, Intra-Muscular/Subcutaneous/Intra-Dermal, or Other Injection through the Skin (Syringe)	62	257
Draw Blood Sample	26	134
Cutting	20	98
Start IV or Set Up Heparin Lock (IV Catheter or Winged Set-Type Needle)	13	47
Others~	68	460
Not Reported	*	23
<b>Total</b>	<b>243</b>	<b>1281</b>

\*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**

	<b>PHR 8</b>	<b>Texas</b>
Before	59	420
During	*	9
After	166	793
Not Reported	18	59
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

**Table 9. How the Incident Occurred**

	<b>PHR 8</b>	<b>Texas</b>
Between Steps of a Multistep Procedure (Carrying, Handling, Passing/Receiving Syringe/Instrument, etc.)	48	379
Suturing	22	110
Activating Safety Device	25	106
Interaction with Another Person	6	64
Patient Moved During the Procedure	14	61
Found in an Inappropriate Place (e.g. Table, Bed, Linen, Floor, Trash)	26	61
Use of Sharps Container	11	51
Disassembling Device or Equipment	*	45
Others~	59	302
Not Reported	27	102
<b>Total</b>	<b>243</b>	<b>1281</b>

\*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**

	<b>PHR 8</b>	<b>Texas</b>
Yes	83	368
No	140	478
Don't Know	10	381
Not Reported	10	54
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

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

	<b>PHR 8</b>	<b>Texas</b>
Yes	28	92
Yes, Fully	*	11
Yes, Partially	11	52
No	38	159
Don't Know	*	29
Not Reported	*	25
<b>Total</b>	<b>83</b>	<b>368</b>

\*Represents 0-5 events

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

	<b>PHR 8</b>	<b>Texas</b>
Before	32	136
During	22	116
After	25	78
Not Reported	*	38
<b>Total</b>	<b>83</b>	<b>368</b>

\*Represents 0-5 events

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

	<b>PHR 8</b>	<b>Texas</b>
Yes	219	1178
No	14	62
Don't Know	*	8
Not Reported	9	33
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

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

	<b>PHR 8</b>	<b>Texas</b>
Yes	216	1164
No	16	29
Don't Know	7	62
Not Reported	*	26
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

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

	<b>PHR 8</b>	<b>Texas</b>
Yes	230	1131
No	*	14
Not Reported	11	136
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

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

	<b>PHR 8</b>	<b>Texas</b>
Yes	122	1002
No	*	68
Not Reported	118	211
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

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

	<b>PHR 8</b>	<b>Texas</b>
Hand	230	1206
Others~	13	75
<b>Total</b>	<b>243</b>	<b>1281</b>

\*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**

	<b>PHR 8</b>	<b>Texas</b>
Registered Nurse	59	300
Intern/Resident	74	272
Attending Physician (MD/DO)	15	99
OR/Surgical Technician	14	79
Licensed Vocational Nurse	*	27
Others~	71	487
Not Reported	*	17
<b>Total</b>	<b>243</b>	<b>1281</b>

\*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**

	<b>PHR 8</b>	<b>Texas</b>
Employee	221	1139
Student	8	62
Contractor/Contract Employee	*	24
Volunteer	*	*
Other	*	30
Not Reported	7	25
<b>Total</b>	<b>243</b>	<b>1281</b>

\*Represents 0-5 events

**Table 20. Injuries by Facility Type**

	<b>PHR 8</b>	<b>Texas</b>
Hospital	193	1016
Clinic	30	108
School/College	*	20
EMS/Fire/Police	*	18
Dental Facility	*	17
Laboratory (freestanding)	*	16
Others~	10	63
Not Reported	*	23
<b>Total</b>	<b>243</b>	<b>1281</b>

\*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**

	<b>PHR 8</b>	<b>Texas</b>
Surgery/Operating Room	69	379
Patient/Resident Room	11	210
Emergency Department	24	91
Procedure Room	*	82
Critical Care Unit	22	63
Medical/Outpatient Clinic	13	49
Medical/Surgical Unit	26	49
Laboratory	12	67
L & D/Gynecology Unit	7	44
Dental Clinic	*	29
Others~	55	218
<b>Total</b>	<b>243</b>	<b>1281</b>

\*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.