

**TEXAS POISON CENTER NETWORK
ANNUAL DATA REPORT
YEAR 2007**

NOTE: When reviewing Texas Poison Center Network data, it should be noted that all of the variables were not known for all of the calls. Thus the sum of the calls included in particular analyses will not always equal the total number of calls.

Total calls recorded: 353,754

Type of calls:

exposures -	186,525 (52.7%)
information -	167,229 (47.3%)
drug IDs -	88,840 (25.1%)

Species in exposure calls:

human -	180,416 (96.7%)
animals -	6,109 (3.3%)

For human exposure calls:

patient gender:

male -	89,279 (49.5%)
female -	90,401 (50.1%)
unknown -	736 (0.4%)

patient age:

≤5 years -	96,256 (53.4%)
6-19 years -	24,229 (13.4%)
≥20 years -	58,050 (32.2%)
unknown -	1,881 (1.0%)

Table 1. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by exposure site and caller site

Site	Exposures site		Caller site	
	Number	%	Number	%
Own residence	164,362	91.1	129,195	71.6
Other residence	4,427	2.5	3,330	1.8
Workplace	2,807	1.6	2,074	1.1
Health care facility	413	0.2	31,910	17.7
School	2,647	1.5	777	0.4
Restaurant/food service	391	0.2	34	0.0
Public area	2,245	1.2	561	0.3
Other	1,305	0.7	12,163	6.7
Unknown	1,819	1.0	372	0.2
Total	180,416		180,416	

Table 2. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by exposure reason

Exposure reason	Number of calls	%
Unintentional	148,319	83.2
General	110,792	61.4
Environmental	2,487	1.4
Occupational	1,742	1.0
Therapeutic error	18,932	10.5
Misuse	5,473	3.0
Bite/sting	6,956	3.9
Food poisoning	1,689	0.9
Unknown	248	0.1
Intentional	27,868	15.4
Suspected suicide	17,813	9.9
Misuse	3,324	1.8
Abuse	5,125	2.8
Unknown	1,606	0.9
Adverse reaction	2,843	1.6
Drug	2,236	1.2
Food	233	0.1
Other	374	0.2
Other	705	0.4
Contamination/tampering	250	0.1
Malicious	395	0.2
Drug withdrawal	60	0.0
Unknown	681	0.4
Total	180,416	

Table 3. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by exposure route

Exposure route	Number of calls	%
Ingestion	152,031	84.3
Inhalation	7,296	4.0
Aspiration	81	0.0
Ocular	8,222	4.6
Dermal	11,538	6.4
Bite or sting	6,953	3.9
Parenteral	831	0.5
Otic	247	0.1
Rectal	42	0.0
Vaginal	37	0.0
Other	137	0.1
Unknown	644	0.4
Total	180,416	

A given exposure may involve more than one route

Table 4. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by number of substances in an exposure

Number of substances	Number of calls	%
1	163,572	90.7
2	11,136	6.2
3	3,445	1.9
4	1,252	0.7
5	526	0.3
6	230	0.1
7	117	0.1
8	53	0.0
9 or more	85	0.0
Total	180,416	

Table 5. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by management site

Management site	Number of calls	%
Managed on site (non HCF)	129,178	71.6
Patient already in (en route to) HCF when PCC called	36,329	20.1
Patient was referred by PCC to a HCF	13,366	7.4
Other	953	0.5
Unknown	590	0.3
Total	180,416	

HCF = health care facility

PCC = poison center

Table 6. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by medical outcome

Medical outcome	Number of calls	%
No effect	42,383	23.5
Minor effect	21,969	12.2
Moderate effect	9,114	5.1
Major effect	1,515	0.8
Death	54	0.0
Not followed, judged as nontoxic exposure (clinical effects not expected)	19,601	10.9
Not followed, minimal clinical effects possible (no more than minor effect possible)	70,859	39.3
Unable to follow, judged as a potentially toxic exposure	11,994	6.6
Unrelated effect, the exposure was probably not responsible for the effect(s)	2,639	1.5
Confirmed nonexposure	280	0.2
Death indirect report	8	0.0
Total	180,416	

Table 7. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by poison center

Poison center	That handled call		Region where call originated	
	Number	%	Number	%
Amarillo (Texas Panhandle Poison Center)	13,292	7.4	12,177	6.9
Dallas (North Texas Poison Center)	48,749	27.0	53,736	30.5
El Paso (West Texas Regional Poison Center)	23,119	12.8	11,401	6.5
Galveston (Southeast Texas Poison Center)	40,678	22.5	43,541	24.7
San Antonio (South Texas Poison Center)	29,254	16.2	31,387	17.8
Temple (Central Texas Poison Center)	25,324	14.0	23,806	13.5
Total	180,416		176,048	

Some of the calls originated from outside of Texas, and the location of some calls could not be determined. Thus, the total number calls from the region where the call originated will not equal the total number of calls that were handled.

Table 8. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by major substance category

Major substance category	Number of calls	%
Adhesives/glues	1,126	0.64
Alcohols	6,348	3.62
Arts/crafts/office supplies	2,424	1.38
Automotive/aircraft/boat products	752	0.43
Batteries	656	0.37
Bites and envenomations	7,408	4.22
Building and construction products	436	0.25
Chemicals	3,757	2.14
Cleaning substances (household)	13,798	7.86
Industrial cleaners	751	0.43
Cosmetics/personal care products	15,180	8.65
Deodorizers	1,827	1.04
Dyes	115	0.07
Essential oils	690	0.39
Fertilizers	472	0.27
Fire extinguishers	145	0.08
Food products/food poisoning	3,460	1.97
Foreign bodies/toys/miscellaneous	8,773	5.00
Fumes/gases/vapors	1,436	0.82
Heavy metals	573	0.33
Hydrocarbons	3,388	1.93
Lacrimators	287	0.16
Matches/fireworks/explosives	124	0.07
Mushrooms	366	0.21
Paints and stripping agents	948	0.54
Pesticides	7,274	4.14
Photographic products	28	0.02
Plants	3,588	2.04
Polishes and waxes	444	0.25

Major substance category	Number of calls	%
Radioisotopes	5	0.00
Sporting equipment	39	0.02
Swimming pool/aquarium	558	0.32
Tobacco products	478	0.27
Weapons of mass destruction	8	0.00
Other/unknown nondrug substances	1,524	0.87
Analgesics	21,716	12.37
Anesthetics	632	0.36
Anticholinergic drugs	705	0.40
Anticoagulants	439	0.25
Anticonvulsants	3,004	1.71
Antidepressants	6,377	3.63
Antihistamines	6,891	3.93
Antimicrobials	5,226	2.98
Antineoplastics	100	0.06
Asthma therapies	2,334	1.33
Cardiovascular drugs	5,345	3.05
Cold and cough preparations	9,166	5.22
Diagnostic agents	18	0.01
Dietary supplements/herbals/homeopathic	1,995	1.14
Diuretics	740	0.42
Electrolytes and minerals	2,385	1.36
Eye/ear/nose/throat preparations	1,531	0.87
Gastrointestinal preparations	4,184	2.38
Hormones and hormone antagonists	3,709	2.11
Miscellaneous drugs	1,624	0.93
Muscle relaxants	2,728	1.55
Narcotic antagonists	16	0.01
Radiopharmaceuticals	1	0.00
Sedative/hypnotics/antipsychotics	11,253	6.41
Serums, toxoids, vaccines	112	0.06

Major substance category	Number of calls	%
Stimulants and street drugs	4,311	2.46
Topical preparations	7,507	4.28
Veterinary drugs	209	0.12
Vitamins	4,693	2.67
Unknown drug	1,263	0.72
Total	180,416	

An exposure could involve more than one type of substance

Table 9. Distribution of human exposure calls received by the Texas Poison Center Network during 2007 by caller county

Caller county	Number of calls
Anderson	446
Andrews	137
Angelina	713
Aransas	115
Archer	56
Armstrong	24
Atascosa	333
Austin	201
Bailey	47
Bandera	114
Bastrop	706
Baylor	38
Bee	271
Bell	3,458
Bexar	13,781
Blanco	84
Borden	2
Bosque	164
Bowie	609
Brazoria	2,378
Brazos	1,351
Brewster	76
Briscoe	7
Brooks	42
Brown	389
Burleson	139
Burnet	308
Caldwell	288
Calhoun	168

Caller county	Number of calls
Callahan	90
Cameron	1,954
Camp	118
Carson	48
Cass	245
Castro	35
Chambers	141
Cherokee	386
Childress	62
Clay	48
Cochran	8
Coke	18
Coleman	98
Collin	5,034
Collingsworth	29
Colorado	110
Comal	1,084
Comanche	124
Concho	17
Cooke	354
Coryell	491
Cottle	9
Crane	23
Crockett	33
Crosby	46
Culberson	18
Dallam	70
Dallas	14,085
Dawson	86
De Witt	135
Deaf Smith	162

Caller county	Number of calls
Delta	37
Denton	4,334
Dickens	19
Dimmit	75
Donely	37
Duval	50
Easland	178
Ector	1,016
Edwards	7
El Paso	6,926
Ellis	1,265
Erath	310
Falls	84
Fannin	245
Fayette	176
Fisher	26
Floyd	37
Foard	6
Fort Bend	2,438
Franklin	110
Freestone	132
Frio	101
Gaines	106
Galveston	2,718
Garza	35
Gillespie	180
Glasscock	4
Goliad	33
Gonzales	167
Gray	222
Grayson	1,153

Caller county	Number of calls
Gregg	1,300
Grimes	191
Guadalupe	779
Hale	241
Hall	20
Hamilton	77
Hansford	37
Hardeman	35
Hardin	398
Harris	24,435
Harrison	375
Hartley	51
Haskell	42
Hays	1,169
Hemphill	35
Henderson	678
Hidalgo	3,166
Hill	299
Hockley	185
Hood	448
Hopkins	291
Houston	164
Howard	361
Hudspeth	14
Hunt	645
Hutchinson	256
Irion	17
Jack	74
Jackson	94
Jasper	306
Jeff Davis	11

Caller county	Number of calls
Jefferson	2,120
Jim Hogg	19
Jim Wells	388
Johnson	1,259
Jones	130
Karnes	112
Kaufman	833
Kendall	239
Kenedy	1
Kent	1
Kerr	419
Kimble	37
King	5
Kinney	10
Kleberg	223
Knox	38
La Salle	28
Lamar	459
Lamb	76
Lampasas	183
Lavaca	122
Lee	97
Leon	139
Liberty	837
Limestone	234
Lipscomb	20
Live Oak	56
Llano	163
Loving	1
Lubbock	1,921
Lynn	35

Caller county	Number of calls
Madison	90
Marion	58
Martin	34
Mason	24
Matagorda	284
Maverick	170
McCulloch	88
McLennan	1,731
McMullen	11
Medina	283
Menard	20
Midland	1,033
Milam	257
Mills	32
Mitchell	82
Montague	203
Montgomery	3,058
Moore	168
Morris	96
Motley	6
Nacogdoches	427
Navarro	327
Newton	69
Nolan	209
Nueces	3,038
Ochiltree	94
Oldham	29
Orange	719
Palo Pinto	273
Panola	202
Parker	903

Caller county	Number of calls
Parmer	51
Pecos	118
Polk	443
Potter	1,613
Presidio	25
Rains	101
Randall	1,198
Reagan	40
Real	19
Red River	100
Reeves	76
Refugio	50
Roberts	5
Robertson	108
Rockwall	632
Runnels	87
Rusk	357
Sabine	81
San Augustine	50
San Jacinto	88
San Patricio	542
San Saba	40
Schleicher	24
Scurry	174
Shackelford	26
Shelby	192
Sherman	5
Smith	1,775
Somervell	91
Starr	207
Stephens	86

Caller county	Number of calls
Sterling	5
Stonewall	19
Sutton	19
Swisher	61
Tarrant	12,116
Taylor	1,299
Terrell	2
Terry	78
Throckmorton	13
Titus	224
Tom Green	799
Travis	8,039
Trinity	137
Tyler	210
Upshur	293
Upton	29
Uvalde	266
Val Verde	286
Van Zandt	423
Victoria	753
Walker	381
Waller	173
Ward	103
Washington	251
Webb	1,049
Wharton	270
Wheeler	43
Wichita	1,078
Wilbarger	147
Willacy	76
Williamson	3,325

Caller county	Number of calls
Wilson	258
Winkler	59
Wise	453
Wood	293
Yoakum	51
Young	200
Zapata	61
Zavala	52
