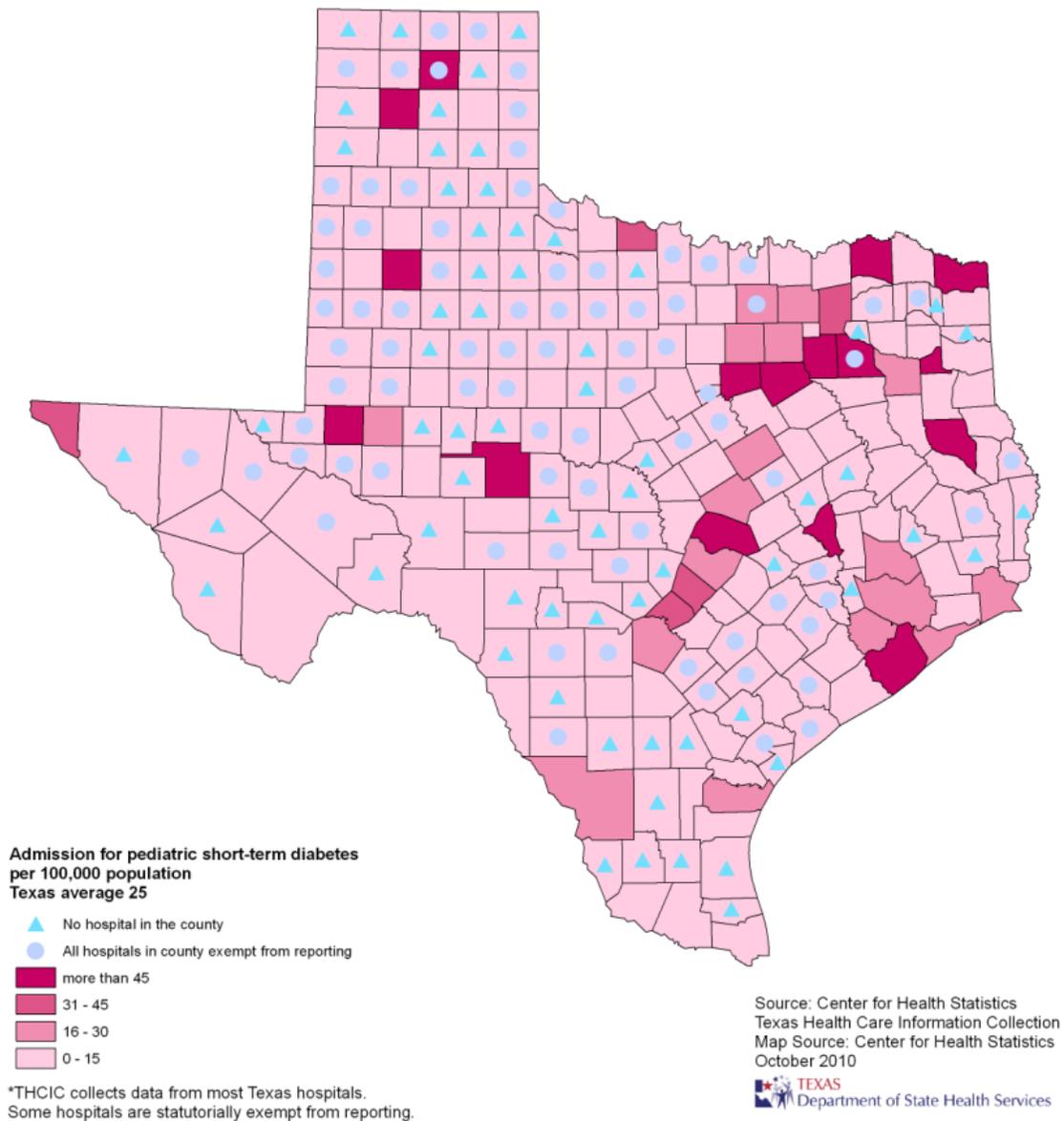


Diabetes Short-Term Complication

Diabetes is a disease in which the body does not produce or properly use insulin. Insulin is a hormone that is needed to convert sugar into energy needed for daily life. Short-term complications are a result of extreme fluctuations in blood sugar levels and can be quite serious. Extreme dizziness and fainting can indicate hypoglycemia (low blood sugar) or hyperglycemia (high blood sugar), and if not brought under control, seizures, shock or coma can occur. Blood sugar levels of diabetic children need to be monitored carefully and their diet and/or medications adjusted accordingly. Regular and careful monitoring and management of diabetes in the outpatient setting can often reduce the risk of developing complications from the disease. Patient compliance with treatment plans is essential to the preventive management of diabetes. Cultural and linguistic factors may affect interactions with health care providers and the system.



**Texas Health Care Information Collection
Pediatric Diabetes Short-Term Complication Admission Rate, 2008**

Rates not calculated for counties with fewer than 5 admissions

* Risk-adjusted admission rate is significantly lower than state average rate based on 95 percent confidence interval

** Risk-adjusted admission rate is significantly higher than state average rate based on 95 percent confidence interval

County	Admissions	Population	Observed Admissions per 100,000 Population	Expected Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	95% Confidence Interval for Risk-Adjusted Admissions
State of Texas	1,185	4,313,732	27.47	26.73	24.89	(23.48, 26.31)
Anderson	Less than 5					
Andrews	Less than 5					
Angelina	Less than 5					
Aransas	Less than 5					
Archer	Less than 5					
Armstrong	Less than 5					
Atascosa	Less than 5					
Austin	Less than 5					
Bailey	Less than 5					
Bandera	Less than 5					
Bastrop	Less than 5					
Baylor	Less than 5					
Bee	Less than 5					
Bell	14	50,517	27.71	25.81	26.33	(13.02, 39.64)
Bexar	67	290,426	23.07	26.65	21.22	(15.76, 26.69)
Blanco	Less than 5					
Borden	Less than 5					
Bosque	Less than 5					
Bowie	11	15,089	72.90	27.08	66.03**	(42.25, 89.81)
Brazoria	29	53,032	54.68	26.83	49.99**	(37.25, 62.73)
Brazos	12	22,241	53.95	26.26	50.40**	(30.51, 70.29)
Brewster	Less than 5					
Briscoe	Less than 5					
Brooks	Less than 5					
Brown	Less than 5					
Burleson	Less than 5					
Burnet	Less than 5					
Caldwell	Less than 5					
Calhoun	Less than 5					
Callahan	Less than 5					
Cameron	6	83,775	7.16	26.56	6.61*	(0.00, 16.80)
Camp	Less than 5					
Carson	Less than 5					
Cass	Less than 5					
Castro	Less than 5					
Chambers	Less than 5					

Cherokee	Less than 5					
Childress	Less than 5					
Clay	Less than 5					
Cochran	Less than 5					
Coke	Less than 5					
Coleman	Less than 5					
Collin	41	128,712	31.85	26.51	29.47	(21.24, 37.70)
Collingsworth	Less than 5					
Colorado	Less than 5					
Comal	8	16,348	48.94	27.24	44.07	(21.29, 66.84)
Comanche	Less than 5					
Concho	Less than 5					
Cooke	Less than 5					
Coryell	Less than 5					
Cottle	Less than 5					
Crane	Less than 5					
Crockett	Less than 5					
Crosby	Less than 5					
Culberson	Less than 5					
Dallam	Less than 5					
Dallas	134	431,772	31.03	26.27	28.96	(24.45, 33.48)
Dawson	Less than 5					
Deaf Smith	Less than 5					
Delta	Less than 5					
Denton	28	104,636	26.76	26.56	24.71	(15.59, 33.82)
Dewitt	Less than 5					
Dickens	Less than 5					
Dimmit	Less than 5					
Donley	Less than 5					
Duval	Less than 5					
Eastland	Less than 5					
Ector	20	24,785	80.70	26.92	73.53**	(54.92, 92.14)
Edwards	Less than 5					
Ellis	14	25,919	54.01	27.28	48.56**	(30.48, 66.63)
El Paso	63	152,433	41.33	26.89	37.69**	(30.18, 45.20)
Erath	Less than 5					
Falls	Less than 5					
Fannin	Less than 5					
Fayette	Less than 5					
Fisher	Less than 5					
Floyd	Less than 5					
Foard	Less than 5					
Fort Bend	21	95,718	21.94	27.54	19.53	(10.17, 28.89)
Franklin	Less than 5					

Freestone	Less than 5						
Frio	Less than 5						
Gaines	Less than 5						
Galveston	12	49,412	24.29	27.05	22.02	(8.87, 35.17)	
Garza	Less than 5						
Gillespie	Less than 5						
Glasscock	Less than 5						
Goliad	Less than 5						
Gonzales	Less than 5						
Gray	Less than 5						
Grayson	Less than 5						
Gregg	12	20,322	59.05	26.93	53.78**	(33.23, 74.32)	
Grimes	Less than 5						
Guadalupe	Less than 5						
Hale	Less than 5						
Hall	Less than 5						
Hamilton	Less than 5						
Hansford	Less than 5						
Hardeman	Less than 5						
Hardin	Less than 5						
Harris	155	738,622	20.99	26.54	19.39*	(15.95, 22.82)	
Harrison	Less than 5						
Hartley	Less than 5						
Haskell	Less than 5						
Hays	8	20,306	39.40	27.17	35.57	(15.11, 56.03)	
Hemphill	Less than 5						
Henderson	Less than 5						
Hidalgo	23	156,632	14.68	26.39	13.64*	(6.17, 21.12)	
Hill	Less than 5						
Hockley	Less than 5						
Hood	Less than 5						
Hopkins	Less than 5						
Houston	Less than 5						
Howard	Less than 5						
Hudspeth	Less than 5						
Hunt	6	14,090	42.58	27.20	38.41	(13.85, 62.96)	
Hutchinson	5	4,061	123.11	27.04	111.81**	(65.92, 157.70)	
Irion	Less than 5						
Jack	Less than 5						
Jackson	Less than 5						
Jasper	Less than 5						
Jeff Davis	Less than 5						
Jefferson	7	41,660	16.80	27.12	15.19	(0.90, 29.49)	
Jim Hogg	Less than 5						

Jim Wells	Less than 5						
Johnson	14	26,826	52.19	27.13	47.17**	(29.36, 64.99)	
Jones	Less than 5						
Karnes	Less than 5						
Kaufman	14	16,921	82.74	27.19	74.64**	(52.23, 97.05)	
Kendall	Less than 5						
Kenedy	Less than 5						
Kent	Less than 5						
Kerr	Less than 5						
Kimble	Less than 5						
King	Less than 5						
Kinney	Less than 5						
Kleberg	Less than 5						
Knox	Less than 5						
Lamar	6	8,644	69.41	27.04	62.98**	(31.54, 94.42)	
Lamb	Less than 5						
Lampasas	Less than 5						
La Salle	Less than 5						
Lavaca	Less than 5						
Lee	Less than 5						
Leon	Less than 5						
Liberty	Less than 5						
Limestone	Less than 5						
Lipscomb	Less than 5						
Live Oak	Less than 5						
Llano	Less than 5						
Loving	Less than 5						
Lubbock	22	42,166	52.18	26.52	48.25**	(33.88, 62.62)	
Lynn	Less than 5						
McCulloch	Less than 5						
McLennan	12	39,478	30.40	26.91	27.70	(12.96, 42.44)	
McMullen	Less than 5						
Madison	Less than 5						
Marion	Less than 5						
Martin	Less than 5						
Mason	Less than 5						
Matagorda	Less than 5						
Maverick	Less than 5						
Medina	Less than 5						
Menard	Less than 5						
Midland	7	23,638	29.61	27.24	26.66	(7.72, 45.60)	
Milam	Less than 5						
Mills	Less than 5						
Mitchell	Less than 5						

Montague	Less than 5					
Montgomery	21	73,534	28.56	27.09	25.85	(15.09, 36.62)
Moore	Less than 5					
Morris	Less than 5					
Motley	Less than 5					
Nacogdoches	13	9,623	135.09	26.67	124.27**	(94.27, 154.27)
Navarro	Less than 5					
Newton	Less than 5					
Nolan	Less than 5					
Nueces	10	59,547	16.79	26.79	15.38	(3.34, 27.41)
Ochiltree	Less than 5					
Oldham	Less than 5					
Orange	Less than 5					
Palo Pinto	Less than 5					
Panola	Less than 5					
Parker	Less than 5					
Parmer	Less than 5					
Pecos	Less than 5					
Polk	Less than 5					
Potter	12	22,473	53.40	26.35	49.71**	(29.96, 69.46)
Presidio	Less than 5					
Rains	Less than 5					
Randall	Less than 5					
Reagan	Less than 5					
Real	Less than 5					
Red River	Less than 5					
Reeves	Less than 5					
Refugio	Less than 5					
Roberts	Less than 5					
Robertson	Less than 5					
Rockwall	Less than 5					
Runnels	Less than 5					
Rusk	Less than 5					
Sabine	Less than 5					
San Augustine	Less than 5					
San Jacinto	Less than 5					
San Patricio	Less than 5					
San Saba	Less than 5					
Schleicher	Less than 5					
Scurry	Less than 5					
Shackelford	Less than 5					
Shelby	Less than 5					
Sherman	Less than 5					
Smith	9	33,375	26.97	26.96	24.53	(8.51, 40.55)

Somervell	Less than 5					
Starr	Less than 5					
Stephens	Less than 5					
Sterling	Less than 5					
Stonewall	Less than 5					
Sutton	Less than 5					
Swisher	Less than 5					
Tarrant	94	307,639	30.56	26.63	28.14	(22.83, 33.45)
Taylor	Less than 5					
Terrell	Less than 5					
Terry	Less than 5					
Throckmorton	Less than 5					
Titus	Less than 5					
Tom Green	9	17,532	51.34	26.84	46.91	(24.76, 69.07)
Travis	43	144,148	29.83	26.02	28.11	(20.27, 35.96)
Trinity	Less than 5					
Tyler	Less than 5					
Upshur	Less than 5					
Upton	Less than 5					
Uvalde	Less than 5					
Val Verde	Less than 5					
Van Zandt	5	8,766	57.04	27.29	51.28	(20.20, 82.36)
Victoria	Less than 5					
Walker	Less than 5					
Waller	Less than 5					
Ward	Less than 5					
Washington	Less than 5					
Webb	9	53,149	16.93	26.30	15.79	(2.94, 28.64)
Wharton	Less than 5					
Wheeler	Less than 5					
Wichita	9	21,386	42.08	26.81	38.50	(18.43, 58.57)
Wilbarger	Less than 5					
Willacy	Less than 5					
Williamson	34	65,993	51.52	26.66	47.40**	(35.94, 58.86)
Wilson	Less than 5					
Winkler	Less than 5					
Wise	Less than 5					
Wood	Less than 5					
Yoakum	Less than 5					
Young	Less than 5					
Zapata	Less than 5					
Zavala	Less than 5					

Source: Texas Health Care Information Collection. *Texas Hospital Inpatient Discharge Public Use Data File, 2008.*