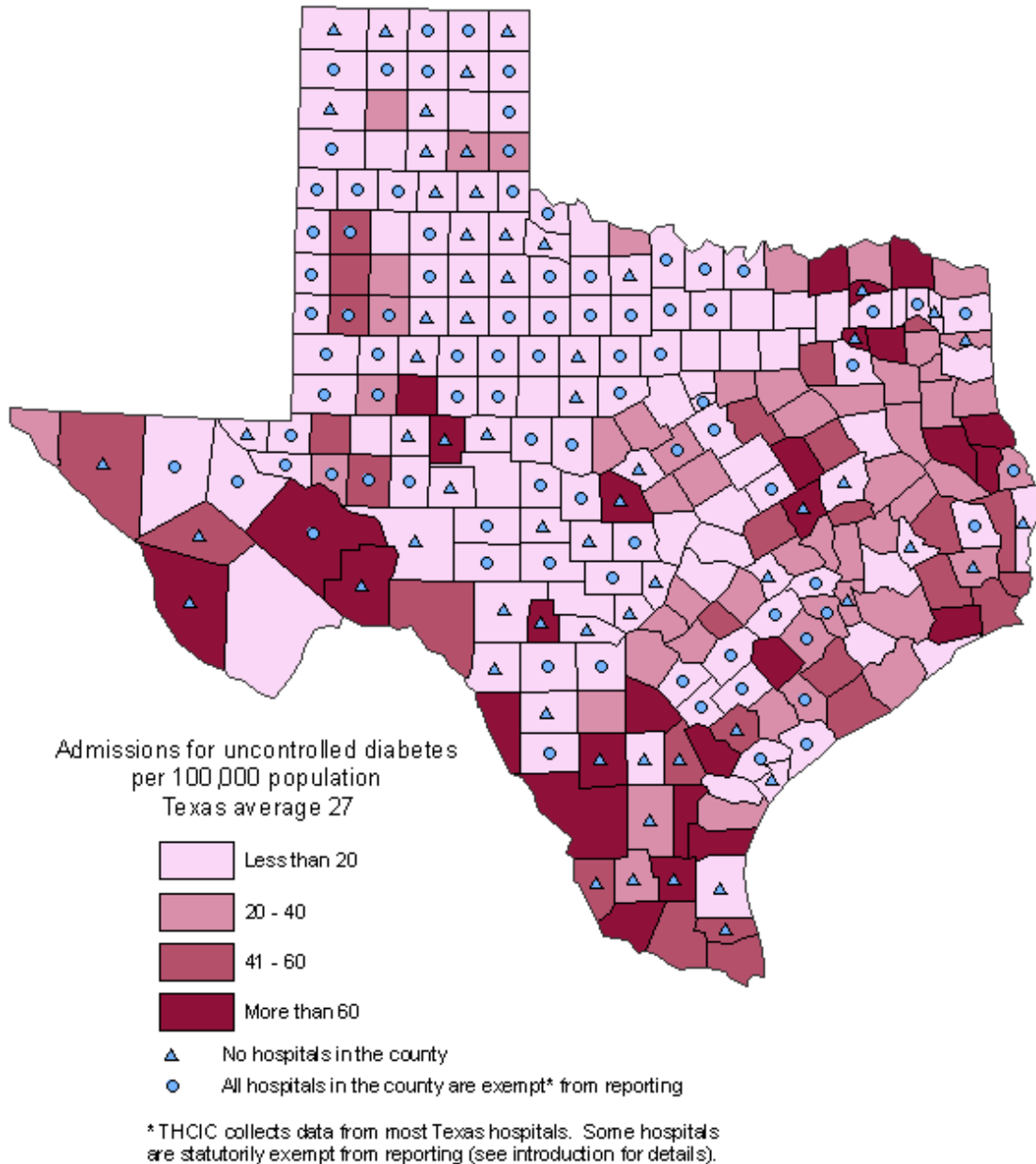


15. Uncontrolled Diabetes

Uncontrolled diabetes is a non-specific diagnosis, which indicates that the patient's blood sugar level is not kept within acceptable levels by his or her current treatment routine. In this report, this indicator only includes hospitalizations of patients whose principal diagnosis did not include a specified short-term complication of diabetes. It is unclear whether poor blood sugar control arises from poor quality medical care, non-compliance of patients, lack of education, or access to care problems.



15. Uncontrolled Diabetes, page 2

Includes data from most Texas hospitals. Some hospitals are statutorily exempt from reporting to THCIC.

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State of Texas	3,610	15,678,989	23.0	25.4	
Anderson	5	43,138	11.6	13.1	(0.2, 25.9)
Andrews	0	9,026	0.0	0.0*	(0.0, 0.0)
Angelina	16	58,616	27.3	27.8	(11.7, 43.9)
Aransas	Less than 5	17,723			
Archer	0	6,641	0.0	0.0*	(0.0, 0.0)
Armstrong	0	1,594	0.0	0.0*	(0.0, 0.0)
Atascosa	20	28,584	70.0	74.0**	(36.3, 111.6)
Austin	5	18,205	27.5	26.5	(0.0, 54.8)
Bailey	0	4,544	0.0	0.0*	(0.0, 0.0)
Bandera	Less than 5	14,679			
Bastrop	16	46,630	34.3	36.7	(15.9, 57.4)
Baylor	0	3,037	0.0	0.0*	(0.0, 0.0)
Bee	36	24,775	145.3	154.4**	(96.0, 212.7)
Bell	11	170,238	6.5	9.4*	(3.9, 14.9)
Bexar	209	1,035,771	20.2	22.2	(18.8, 25.7)
Blanco	0	6,775	0.0	0.0*	(0.0, 0.0)
Borden	0	531	0.0	0.0*	(0.0, 0.0)
Bosque	0	13,430	0.0	0.0*	(0.0, 0.0)
Bowie	17	67,967	25.0	24.8	(10.7, 38.9)
Brazoria	47	185,574	25.3	27.9	(18.8, 37.0)
Brazos	16	119,106	13.4	20.7	(11.0, 30.5)
Brewster	Less than 5	6,956			
Briscoe	0	1,239	0.0	0.0*	(0.0, 0.0)
Brooks	9	5,331	168.8	175.0**	(41.0, 308.9)
Brown	9	28,238	31.9	30.6	(6.3, 55.0)
Burleson	Less than 5	12,417			
Burnet	Less than 5	28,101			
Caldwell	10	25,382	39.4	41.5	(11.6, 71.4)
Calhoun	0	14,758	0.0	0.0*	(0.0, 0.0)
Callahan	Less than 5	9,632			
Cameron	114	235,345	48.4	51.7**	(40.8, 62.7)
Camp	5	8,511	58.7	58.3	(0.0, 119.6)
Carson	0	4,845	0.0	0.0*	(0.0, 0.0)
Cass	Less than 5	23,061			
Castro	0	5,473	0.0	0.0*	(0.0, 0.0)
Chambers	14	19,839	70.6	74.9**	(29.4, 120.3)
Cherokee	14	35,003	40.0	39.9	(14.9, 64.8)

* Risk adjusted admission rate is significantly LOWER (based on 99% confidence interval) than Texas average.

** Risk adjusted admission rate is significantly HIGHER (based on 99% confidence interval) than Texas average.

15. Uncontrolled Diabetes, page 3

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State of Texas	3,610	15,678,989	23.0	25.4	
Childress	Less than 5	5,850			
Clay	0	8,736	0.0	0.0*	(0.0, 0.0)
Cochran	0	2,464	0.0	0.0*	(0.0, 0.0)
Coke	0	2,918	0.0	0.0*	(0.0, 0.0)
Coleman	Less than 5	6,797			
Collin	56	407,343	13.7	18.2*	(13.2, 23.1)
Collingsworth	Less than 5	2,327			
Colorado	Less than 5	15,221			
Comal	14	64,269	21.8	20.4	(7.2, 33.6)
Comanche	Less than 5	10,189			
Concho	0	3,242	0.0	0.7*	(0.0, 11.6)
Cooke	Less than 5	27,637			
Coryell	11	53,703	20.5	27.6	(10.9, 44.4)
Cottle	0	1,359	0.0	0.0*	(0.0, 0.0)
Crane	Less than 5	2,726			
Crockett	0	2,792	0.0	0.0*	(0.0, 0.0)
Crosby	0	4,788	0.0	0.0*	(0.0, 0.0)
Culberson	0	1,949	0.0	0.0*	(0.0, 0.0)
Dallam	0	4,214	0.0	0.3*	(0.0, 6.6)
Dallas	245	1,643,801	14.9	18.4*	(15.9, 20.9)
Dawson	0	11,000	0.0	0.0*	(0.0, 0.0)
Deaf Smith	Less than 5	12,328			
Delta	Less than 5	4,042			
Denton	33	353,299	9.3	14.5*	(9.8, 19.3)
DeWitt	0	15,462	0.0	0.0*	(0.0, 0.0)
Dickens	0	2,222	0.0	0.0*	(0.0, 0.0)
Dimmit	Less than 5	6,983			
Donley	Less than 5	2,968			
Duval	Less than 5	9,215			
Eastland	Less than 5	13,945			
Ector	44	85,954	51.2	54.0**	(35.5, 72.6)
Edwards	0	1,499	0.0	0.0*	(0.0, 0.0)
Ellis	15	85,378	17.6	19.7	(8.4, 30.9)
El Paso	143	477,015	30.0	32.7**	(26.6, 38.8)
Erath	Less than 5	24,840			
Falls	Less than 5	13,263			
Fannin	15	24,427	61.4	61.7	(24.5, 98.8)
Fayette	0	17,323	0.0	0.0*	(0.0, 0.0)

* Risk adjusted admission rate is significantly LOWER (based on 99% confidence interval) than Texas average.

** Risk adjusted admission rate is significantly HIGHER (based on 99% confidence interval) than Texas average.

15. Uncontrolled Diabetes, page 4

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State of Texas	3,610	15,678,989	23.0	25.4	
Fisher	0	3,293	0.0	0.0*	(0.0, 0.0)
Floyd	0	5,153	0.0	0.0*	(0.0, 0.0)
Foard	0	1,160	0.0	0.0*	(0.0, 0.0)
Fort Bend	39	280,801	13.9	17.4*	(11.6, 23.2)
Franklin	Less than 5	7,503			
Freestone	7	14,342	48.8	48.6	(5.5, 91.6)
Frio	Less than 5	11,665			
Gaines	0	9,500	0.0	0.0*	(0.0, 0.0)
Galveston	32	192,663	16.6	17.3*	(10.3, 24.3)
Garza	0	3,592	0.0	0.0*	(0.0, 0.0)
Gillespie	Less than 5	17,152			
Glasscock	0	948	0.0	0.0*	(0.0, 0.0)
Goliad	Less than 5	5,395			
Gonzales	Less than 5	13,762			
Gray	Less than 5	16,812			
Grayson	21	85,244	24.6	23.7	(11.3, 36.0)
Gregg	30	83,114	36.1	36.8	(21.2, 52.3)
Grimes	7	18,780	37.3	37.7	(4.6, 70.9)
Guadalupe	21	68,383	30.7	32.0	(16.0, 48.0)
Hale	Less than 5	25,011			
Hall	0	2,673	0.0	0.0*	(0.0, 0.0)
Hamilton	Less than 5	6,224			
Hansford	0	3,785	0.0	0.0*	(0.0, 0.0)
Hardeman	0	3,381	0.0	0.0*	(0.0, 0.0)
Hardin	8	36,046	22.2	22.4	(3.9, 40.8)
Harris	507	2,536,612	20.0	23.7	(21.4, 25.9)
Harrison	7	46,213	15.1	14.7	(1.5, 27.9)
Hartley	0	4,347	0.0	0.0*	(0.0, 0.0)
Haskell	0	4,562	0.0	0.0*	(0.0, 0.0)
Hays	27	81,634	33.1	38.9	(22.7, 55.0)
Hemphill	0	2,493	0.0	0.0*	(0.0, 0.0)
Henderson	21	57,676	36.4	33.9	(16.0, 51.9)
Hidalgo	196	399,745	49.0	53.8**	(45.2, 62.4)
Hill	12	25,148	47.7	46.6	(14.7, 78.4)
Hockley	7	16,286	43.0	44.6	(5.9, 83.4)
Hood	Less than 5	34,183			
Hopkins	Less than 5	24,081			
Houston	7	18,038	38.8	36.6	(3.3, 69.9)

* Risk adjusted admission rate is significantly LOWER (based on 99% confidence interval) than Texas average.

** Risk adjusted admission rate is significantly HIGHER (based on 99% confidence interval) than Texas average.

15. Uncontrolled Diabetes, page 5

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State of Texas	3,610	15,678,989	23.0	25.4	
Howard	17	25,186	67.5	69.1 **	(30.4, 107.9)
Hudspeth	Less than 5	2,277			
Hunt	10	58,713	17.0	17.3	(4.6, 30.0)
Hutchinson	0	16,843	0.0	0.0 *	(0.0, 0.0)
Irion	0	1,332	0.0	0.0 *	(0.0, 0.0)
Jack	0	6,865	0.0	0.0 *	(0.0, 0.0)
Jackson	Less than 5	10,541			
Jasper	16	26,493	60.4	60.5	(25.1, 95.8)
Jeff Davis	Less than 5	1,715			
Jefferson	86	185,485	46.4	47.3 **	(35.5, 59.1)
Jim Hogg	Less than 5	3,615			
Jim Wells	18	27,926	64.5	67.1 **	(30.8, 103.3)
Johnson	21	98,667	21.3	23.0	(11.7, 34.3)
Jones	0	15,889	0.0	0.0 *	(0.0, 0.0)
Karnes	Less than 5	12,061			
Kaufman	30	56,241	53.3	56.4 **	(33.0, 79.8)
Kendall	Less than 5	18,814			
Kenedy	0	301	0.0	0.0 *	(0.0, 0.0)
Kent	0	654	0.0	0.0 *	(0.0, 0.0)
Kerr	5	34,935	14.3	7.7 *	(0.0, 18.7)
Kimble	0	3,493	0.0	0.0 *	(0.0, 0.0)
King	0	226	0.0	0.0 *	(0.0, 0.0)
Kinney	0	2,620	0.0	0.0 *	(0.0, 0.0)
Kleberg	21	22,497	93.3	99.7 **	(50.5, 148.9)
Knox	0	2,945	0.0	0.0 *	(0.0, 0.0)
Lamar	13	36,376	35.7	34.6	(11.8, 57.4)
Lamb	5	10,482	47.7	46.6	(0.0, 95.9)
Lampasas	Less than 5	13,929			
La Salle	8	4,194	190.8	200.7 **	(39.0, 362.4)
Lavaca	10	14,531	68.8	65.4	(15.8, 115.1)
Lee	Less than 5	11,738			
Leon	Less than 5	12,162			
Liberty	22	53,939	40.8	43.7	(22.6, 64.7)
Limestone	19	16,720	113.6	116.3 **	(54.6, 177.9)
Lipscomb	0	2,300	0.0	0.0 *	(0.0, 0.0)
Live Oak	Less than 5	9,489			
Llano	0	14,886	0.0	0.0 *	(0.0, 0.0)
Loving	0	53	0.0	0.0 *	(0.0, 0.0)

* Risk adjusted admission rate is significantly LOWER (based on 99% confidence interval) than Texas average.

** Risk adjusted admission rate is significantly HIGHER (based on 99% confidence interval) than Texas average.

15. Uncontrolled Diabetes, page 6

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State of Texas	3,610	15,678,989	23.0	25.4	
Lubbock	32	182,713	17.5	19.9	(12.2, 27.6)
Lynn	Less than 5	4,453			
McCulloch	Less than 5	5,873			
McLennan	23	158,695	14.5	15.3 *	(8.0, 22.6)
McMullen	0	682	0.0	0.0 *	(0.0, 0.0)
Madison	5	10,290	48.6	51.0	(0.0, 103.1)
Marion	Less than 5	8,649			
Martin	Less than 5	3,187			
Mason	0	2,966	0.0	0.0 *	(0.0, 0.0)
Matagorda	13	27,046	48.1	49.3	(17.7, 80.8)
Maverick	20	31,350	63.8	68.5 **	(33.9, 103.1)
Medina	5	29,570	16.9	16.9	(0.0, 34.6)
Menard	0	1,807	0.0	0.0 *	(0.0, 0.0)
Midland	12	83,377	14.4	14.5 *	(4.8, 24.3)
Milam	8	18,176	44.0	42.8	(6.9, 78.7)
Mills	Less than 5	3,902			
Mitchell	0	7,462	0.0	0.0 *	(0.0, 0.0)
Montague	Less than 5	14,659			
Montgomery	35	235,981	14.8	16.7 *	(10.5, 23.0)
Moore	0	13,589	0.0	0.3 *	(0.0, 4.1)
Morris	Less than 5	9,993			
Motley	0	1,025	0.0	0.0 *	(0.0, 0.0)
Nacogdoches	57	44,171	129.0	137.4 **	(96.2, 178.7)
Navarro	7	34,083	20.5	20.3	(2.2, 38.3)
Newton	Less than 5	11,243			
Nolan	0	11,127	0.0	0.0 *	(0.0, 0.0)
Nueces	70	226,363	30.9	32.4	(23.5, 41.2)
Ochiltree	0	6,376	0.0	0.0 *	(0.0, 0.0)
Oldham	0	1,447	0.0	0.0 *	(0.0, 0.0)
Orange	35	62,309	56.2	57.3 **	(34.9, 79.8)
Palo Pinto	Less than 5	20,341			
Panola	Less than 5	17,129			
Parker	9	70,020	12.9	13.4 *	(3.2, 23.7)
Parmer	0	6,711	0.0	0.0 *	(0.0, 0.0)
Pecos	13	12,025	108.1	114.7 **	(42.5, 186.9)
Polk	16	34,454	46.4	45.1	(18.3, 71.8)
Potter	21	82,935	25.3	26.8	(13.5, 40.1)
Presidio	Less than 5	5,215			

* Risk adjusted admission rate is significantly LOWER (based on 99% confidence interval) than Texas average.

** Risk adjusted admission rate is significantly HIGHER (based on 99% confidence interval) than Texas average.

15. Uncontrolled Diabetes, page 7

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State of Texas	3,610	15,678,989	23.0	25.4	
Rains	9	7,891	114.1	116.4 **	(26.6, 206.3)
Randall	6	79,598	7.5	7.7 *	(0.4, 15.0)
Reagan	0	2,137	0.0	0.0 *	(0.0, 0.0)
Real	Less than 5	2,314			
Red River	17	10,665	159.4	160.5 **	(69.8, 251.2)
Reeves	Less than 5	8,875			
Refugio	0	5,760	0.0	0.0 *	(0.0, 0.0)
Roberts	0	656	0.0	0.0 *	(0.0, 0.0)
Robertson	8	11,532	69.4	68.7	(11.6, 125.8)
Rockwall	Less than 5	36,507			
Runnels	0	8,259	0.0	0.0 *	(0.0, 0.0)
Rusk	10	36,131	27.7	26.4	(6.4, 46.4)
Sabine	Less than 5	8,224			
San Augustine	14	6,821	205.2	206.6 **	(77.9, 335.2)
San Jacinto	0	17,626	0.0	0.0 *	(0.0, 0.0)
San Patricio	6	46,738	12.8	13.5	(0.9, 26.1)
San Saba	Less than 5	4,509			
Schleicher	0	2,161	0.0	0.0 *	(0.0, 0.0)
Scurry	0	11,887	0.0	0.0 *	(0.0, 0.0)
Shackelford	0	2,514	0.0	0.0 *	(0.0, 0.0)
Shelby	38	18,820	201.9	207.5 **	(129.8, 285.1)
Sherman	0	2,300	0.0	0.0 *	(0.0, 0.0)
Smith	34	133,789	25.4	25.1	(15.0, 35.3)
Somervell	Less than 5	5,302			
Starr	24	35,840	67.0	73.3 **	(39.8, 106.7)
Stephens	0	7,187	0.0	0.0 *	(0.0, 0.0)
Sterling	Less than 5	993			
Stonewall	0	1,199	0.0	0.0 *	(0.0, 0.0)
Sutton	0	2,975	0.0	0.0 *	(0.0, 0.0)
Swisher	0	5,848	0.0	0.0 *	(0.0, 0.0)
Tarrant	144	1,099,370	13.1	16.0 *	(13.1, 18.8)
Taylor	13	91,077	14.3	14.9 *	(5.4, 24.3)
Terrell	Less than 5	750			
Terry	Less than 5	9,212			
Throckmorton	0	1,308	0.0	0.0 *	(0.0, 0.0)
Titus	Less than 5	19,781			
Tom Green	13	75,815	17.1	17.1	(6.0, 28.2)
Travis	74	642,139	11.5	16.5 *	(12.7, 20.2)

* Risk adjusted admission rate is significantly LOWER (based on 99% confidence interval) than Texas average.

** Risk adjusted admission rate is significantly HIGHER (based on 99% confidence interval) than Texas average.

15. Uncontrolled Diabetes, page 8

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State of Texas	3,610	15,678,989	23.0	25.4	
Trinity	Less than 5	10,906			
Tyler	Less than 5	16,011			
Upshur	8	27,088	29.5	28.7	(4.6, 52.8)
Upton	Less than 5	2,387			
Uvalde	Less than 5	18,332			
Val Verde	17	31,441	54.1	56.5	(25.2, 87.9)
Van Zandt	5	37,894	13.2	10.4 *	(0.0, 22.7)
Victoria	19	60,919	31.2	31.9	(15.0, 48.9)
Walker	17	49,815	34.1	39.2	(18.5, 60.0)
Waller	7	24,817	28.2	31.6	(5.2, 58.1)
Ward	Less than 5	7,418			
Washington	Less than 5	23,012			
Webb	72	132,563	54.3	60.6 **	(44.8, 76.5)
Wharton	14	29,827	46.9	47.5	(17.9, 77.0)
Wheeler	0	3,833	0.0	0.0 *	(0.0, 0.0)
Wichita	25	95,608	26.1	27.3	(14.8, 39.9)
Wilbarger	0	10,173	0.0	0.0 *	(0.0, 0.0)
Willacy	6	13,805	43.5	46.1	(3.4, 88.9)
Williamson	25	205,348	12.2	15.8 *	(9.3, 22.3)
Wilson	Less than 5	24,929			
Winkler	0	4,964	0.0	0.0 *	(0.0, 0.0)
Wise	Less than 5	38,498			
Wood	30	29,859	100.5	99.1 **	(56.5, 141.7)
Yoakum	0	5,067	0.0	0.0 *	(0.0, 0.0)
Young	0	13,408	0.0	0.0 *	(0.0, 0.0)
Zapata	5	8,655	57.8	59.8	(0.0, 121.2)
Zavala	0	7,765	0.0	0.1 *	(0.0, 2.0)

Source: Department of State Health Services, Center for Health Statistics, Texas Health Care Information Collection. Texas Inpatient Hospital Discharge Data, 2002.

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** Risk adjusted admission rate is significantly HIGHER (based on 99% confidence interval) than Texas average.