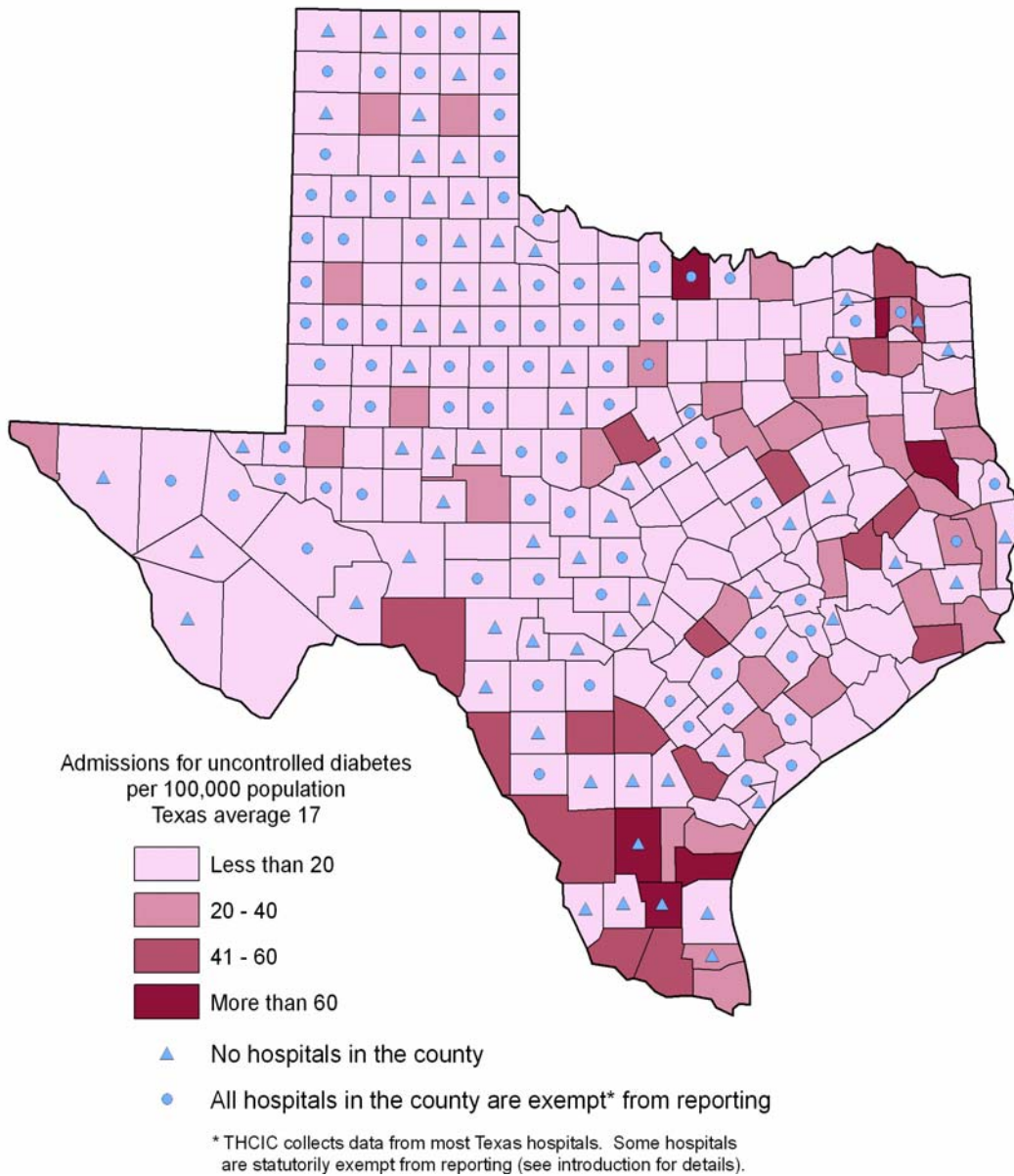


### 13. Uncontrolled Diabetes

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.



Source: Department of State Health Services, Center for Health Statistics. *Texas Hospital Inpatient Discharge Public Use Data File, 2005.*

### Table 13. Uncontrolled Diabetes Admission Rate

Includes data from most Texas hospitals. Some hospitals are statutorily exempt from reporting to Department of State Health Services.

County	Admissions	Population	Observed Admissions per 100,000 Population	Expected Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State Total	2,942	16,501,931	17.83	20.78	17.04	
Anderson	6	45,261	13.26	21.03	12.52	(0.00, 25.14)
Andrews	Less Than 5					
Angelina	15	60,254	24.89	22.47	22.00	(11.42, 32.57)
Aransas	Less Than 5					
Archer	Less Than 5					
Armstrong	Less Than 5					
Atascosa	15	30,686	48.88	21.41	45.34**	(30.16, 60.53)
Austin	Less Than 5					
Bailey	Less Than 5					
Bandera	Less Than 5					
Bastrop	14	51,151	27.37	21.08	25.78	(13.93, 37.63)
Baylor	Less Than 5					
Bee	15	26,360	56.90	19.28	58.62**	(41.35, 75.88)
Bell	15	175,017	8.57	19.92	8.55*	(1.95, 15.14)
Bexar	178	1,092,266	16.30	20.98	15.43	(12.86, 18.00)
Blanco	Less Than 5					
Borden	Less Than 5					
Bosque	Less Than 5					
Bowie	Less Than 5					
Brazoria	34	199,288	17.06	20.60	16.45	(10.37, 22.52)
Brazos	7	124,256	5.63	16.00	6.99*	(0.00, 15.72)
Brewster	Less Than 5					
Briscoe	Less Than 5					
Brooks	5	5,509	90.76	24.19	74.50**	(40.79, 108.2)
Brown	9	29,107	30.92	23.76	25.84	(11.04, 40.64)
Burleson	Less Than 5					
Burnet	Less Than 5					
Caldwell	14	26,939	51.97	21.43	48.17**	(31.97, 64.37)
Calhoun	Less Than 5					
Callahan	Less Than 5					
Cameron	69	249,884	27.61	21.03	26.07**	(20.70, 31.44)
Camp	Less Than 5					
Carson	Less Than 5					
Cass	Less Than 5					
Castro	Less Than 5					
Chambers	9	21,167	42.52	20.82	40.55**	(22.01, 59.09)
Cherokee	15	36,027	41.64	23.17	35.69**	(22.22, 49.16)
Childress	Less Than 5					
Clay	Less Than 5					
Cochran	Less Than 5					
Coke	Less Than 5					
Coleman	Less Than 5					
Collin	34	460,207	7.39	19.11	7.68*	(3.53, 11.83)
Collingsworth	Less Than 5					
Colorado	Less Than 5					
Comal	10	71,006	14.08	23.14	12.09	(2.49, 21.69)

\* 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.

**Table 13. Uncontrolled Diabetes Admission Rate (cont'd)**

County	Admissions	Population	Observed Admissions per 100,000 Population	Expected Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State Total	2,942	16,501,931	17.83	20.78	17.04	
Comanche	8	10,508	76.13	26.03	58.09**	(34.56, 81.62)
Concho	Less Than 5					
Cooke	Less Than 5					
Coryell	8	56,205	14.23	16.76	16.87	(4.18, 29.55)
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	210	1,666,566	12.60	19.93	12.56*	(10.42, 14.69)
Dawson	Less Than 5					
Deaf Smith	Less Than 5					
Delta	Less Than 5					
Denton	46	391,729	11.74	18.21	12.81	(8.20, 17.41)
De Witt	Less Than 5					
Dickens	Less Than 5					
Dimmit	Less Than 5					
Donley	Less Than 5					
Duval	11	9,317	118.06	23.15	101.26**	(74.77, 127.8)
Eastland	Less Than 5					
Ector	24	89,041	26.95	21.55	24.84	(15.96, 33.73)
Edwards	Less Than 5					
Ellis	18	94,353	19.08	20.61	18.38	(9.56, 27.21)
El Paso	149	496,822	29.99	20.92	28.47**	(24.65, 32.29)
Erath	Less Than 5					
Falls	Less Than 5					
Fannin	6	25,857	23.20	23.50	19.61	(3.82, 35.39)
Fayette	Less Than 5					
Fisher	Less Than 5					
Floyd	Less Than 5					
Foard	Less Than 5					
Fort Bend	31	323,125	9.59	19.41	9.82*	(4.90, 14.73)
Franklin	6	7,985	75.14	24.65	60.54**	(32.80, 88.27)
Freestone	Less Than 5					
Frio	6	12,097	49.60	21.01	46.89**	(22.48, 71.30)
Gaines	Less Than 5					
Galveston	38	204,871	18.55	21.85	16.86	(11.04, 22.68)
Garza	Less Than 5					
Gillespie	Less Than 5					
Glasscock	Less Than 5					
Goliad	Less Than 5					
Gonzales	Less Than 5					
Gray	5	16,764	29.83	24.82	23.86	(4.78, 42.94)
Grayson	26	89,043	29.20	23.35	24.83	(16.30, 33.37)
Gregg	12	85,788	13.99	22.52	12.34	(3.48, 21.19)

\* 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.

**Table 13. Uncontrolled Diabetes Admission Rate (cont'd)**

County	Admissions	Population	Observed Admissions per 100,000 Population	Expected Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State Total	2,942	16,501,931	17.83	20.78	17.04	
Grimes	7	19,655	35.61	22.71	31.14	(12.72, 49.56)
Guadalupe	15	74,721	20.07	21.80	18.29	(8.64, 27.93)
Hale	Less Than 5					
Hall	Less Than 5					
Hamilton	Less Than 5					
Hansford	Less Than 5					
Hardeman	Less Than 5					
Hardin	8	38,176	20.96	22.53	18.47	(5.20, 31.74)
Harris	414	2,632,813	15.72	19.85	15.73	(14.03, 17.44)
Harrison	5	47,735	10.47	22.62	9.19	(0.00, 21.04)
Hartley	Less Than 5					
Haskell	Less Than 5					
Hays	15	92,698	16.18	18.10	17.75	(8.25, 27.25)
Hemphill	Less Than 5					
Henderson	26	61,565	42.23	24.37	34.41**	(24.36, 44.46)
Hidalgo	174	433,294	40.16	19.93	40.02**	(35.83, 44.20)
Hill	9	26,862	33.50	23.99	27.74	(12.41, 43.07)
Hockley	5	16,910	29.57	21.85	26.87	(6.63, 47.12)
Hood	6	36,742	16.33	24.94	13.00	(0.15, 25.86)
Hopkins	Less Than 5					
Houston	Less Than 5					
Howard	8	25,582	31.27	22.90	27.12	(11.04, 43.20)
Hudspeth	Less Than 5					
Hunt	11	62,074	17.72	21.93	16.05	(5.50, 26.60)
Hutchinson	Less Than 5					
Irion	Less Than 5					
Jack	Less Than 5					
Jackson	Less Than 5					
Jasper	10	26,996	37.04	23.79	30.92	(15.56, 46.28)
Jeff Davis	Less Than 5					
Jefferson	68	188,775	36.02	22.60	31.66**	(25.70, 37.62)
Jim Hogg	Less Than 5					
Jim Wells	10	29,243	34.20	22.05	30.79	(15.47, 46.12)
Johnson	30	106,780	28.10	20.92	26.66**	(18.43, 34.90)
Jones	Less Than 5					
Karnes	Less Than 5					
Kaufman	14	63,271	22.13	20.91	21.02	(10.32, 31.72)
Kendall	Less Than 5					
Kenedy	Less Than 5					
Kent	Less Than 5					
Kerr	6	36,392	16.49	27.38	11.96	(0.00, 24.29)
Kimble	Less Than 5					
King	Less Than 5					
Kinney	Less Than 5					
Kleberg	18	23,524	76.52	20.26	75.01**	(57.18, 92.84)
Knox	Less Than 5					

\* 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.

**Table 13. Uncontrolled Diabetes Admission Rate (cont'd)**

County	Admissions	Population	Observed Admissions per 100,000 Population	Expected Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State Total	2,942	16,501,931	17.83	20.78	17.04	
Lamar	6	37,728	15.90	23.94	13.19	(0.24, 26.15)
Lamb	Less Than 5					
Lampasas	Less Than 5					
La Salle	Less Than 5					
Lavaca	5	14,852	33.67	26.60	25.13	(5.55, 44.71)
Lee	Less Than 5					
Leon	Less Than 5					
Liberty	23	55,891	41.15	20.99	38.93**	(27.56, 50.29)
Limestone	11	17,400	63.22	23.27	53.95**	(34.61, 73.29)
Lipscomb	Less Than 5					
Live Oak	Less Than 5					
Llano	Less Than 5					
Loving	Less Than 5					
Lubbock	26	190,605	13.64	20.41	13.27	(7.03, 19.51)
Lynn	Less Than 5					
McCulloch	Less Than 5					
McClennan	17	167,237	10.17	21.33	9.47*	(2.95, 15.98)
McMullen	Less Than 5					
Madison	Less Than 5					
Marion	Less Than 5					
Martin	Less Than 5					
Mason	Less Than 5					
Matagorda	5	27,739	18.03	22.75	15.74	(0.24, 31.23)
Maverick	20	33,257	60.14	21.08	56.65**	(41.95, 71.35)
Medina	5	31,593	15.83	22.09	14.23	(0.00, 28.96)
Menard	Less Than 5					
Midland	5	87,632	5.71	22.17	5.11*	(0.00, 13.94)
Milam	Less Than 5					
Mills	Less Than 5					
Mitchell	Less Than 5					
Montague	12	15,260	78.64	25.79	60.56**	(40.95, 80.18)
Montgomery	21	267,434	7.85	20.65	7.55*	(2.32, 12.79)
Moore	Less Than 5					
Morris	6	10,212	58.75	25.26	46.19**	(21.96, 70.43)
Motley	Less Than 5					
Nacogdoches	37	46,556	79.47	20.47	77.11**	(64.50, 89.72)
Navarro	10	35,982	27.79	22.35	24.70	(10.97, 38.42)
Newton	Less Than 5					
Nolan	Less Than 5					
Nueces	52	233,894	22.23	21.85	20.21	(14.76, 25.65)
Ochiltree	Less Than 5					
Oldham	Less Than 5					
Orange	9	64,242	14.01	22.93	12.13	(1.99, 22.27)
Palo Pinto	8	20,846	38.38	24.22	31.47	(14.15, 48.79)
Panola	6	17,781	33.74	24.10	27.81	(9.01, 46.60)
Parker	Less Than 5					

\* 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.

**Table 13. Uncontrolled Diabetes Admission Rate (cont'd)**

County	Admissions	Population	Observed Admissions per 100,000 Population	Expected Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State Total	2,942	16,501,931	17.83	20.78	17.04	
Parmer	Less Than 5					
Pecos	Less Than 5					
Polk	6	36,956	16.24	24.71	13.05	(0.17, 25.93)
Potter	23	85,892	26.78	21.40	24.85	(15.78, 33.93)
Presidio	Less Than 5					
Rains	Less Than 5					
Randall	6	83,576	7.18	21.66	6.58*	(0.00, 15.73)
Reagan	Less Than 5					
Real	Less Than 5					
Red River	8	10,730	74.56	25.63	57.78**	(34.31, 81.25)
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	8	37,363	21.41	23.51	18.09	(4.96, 31.22)
Sabine	Less Than 5					
San Augustine	Less Than 5					
San Jacinto	Less Than 5					
San Patricio	6	48,607	12.34	21.71	11.29	(0.00, 23.27)
San Saba	Less Than 5					
Schleicher	Less Than 5					
Scurry	Less Than 5					
Shackelford	Less Than 5					
Shelby	5	19,651	25.44	23.59	21.42	(3.35, 39.50)
Sherman	Less Than 5					
Smith	26	140,371	18.52	22.81	16.13	(9.25, 23.01)
Somervell	Less Than 5					
Starr	21	38,568	54.45	20.27	53.36**	(39.44, 67.28)
Stephens	Less Than 5					
Sterling	Less Than 5					
Stonewall	Less Than 5					
Sutton	Less Than 5					
Swisher	Less Than 5					
Tarrant	113	1,160,170	9.74	20.19	9.58*	(7.04, 12.12)
Taylor	15	93,623	16.02	21.70	14.66	(6.03, 23.30)
Terrell	Less Than 5					
Terry	Less Than 5					
Throckmorton	Less Than 5					
Titus	9	20,654	43.58	21.85	39.61**	(21.29, 57.92)
Tom Green	18	78,631	22.89	22.36	20.33	(11.05, 29.62)
Travis	84	665,736	12.62	18.56	13.50*	(10.00, 17.00)
Trinity	7	11,378	61.52	26.55	46.02**	(23.63, 68.41)
Tyler	6	16,610	36.12	24.36	29.45	(10.10, 48.80)
Upshur	10	28,614	34.95	23.67	29.33	(14.37, 44.28)

\* 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.

**Table 13. Uncontrolled Diabetes Admission Rate (cont'd)**

County	Admissions	Population	Observed Admissions per 100,000 Population	Expected Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	99% Confidence Interval for Risk-Adjusted Admissions
State Total	2,942	16,501,931	17.83	20.78	17.04	
Upton	Less Than 5					
Uvalde	Less Than 5					
Val Verde	18	33,245	54.14	22.51	47.76**	(33.54, 61.99)
Van Zandt	8	40,144	19.93	24.33	16.27	(3.82, 28.72)
Victoria	24	62,976	38.11	22.60	33.48**	(23.17, 43.80)
Walker	25	52,064	48.02	18.42	51.77	(39.20, 64.34)
Waller	Less Than 5					
Ward	Less Than 5					
Washington	Less Than 5					
Webb	57	140,556	40.55	19.27	41.79**	(34.32, 49.27)
Wharton	11	30,753	35.77	23.03	30.85	(16.22, 45.47)
Wheeler	Less Than 5					
Wichita	17	96,651	17.59	21.74	16.07	(7.58, 24.55)
Wilbarger	Less Than 5					
Willacy	6	14,289	41.99	21.40	38.97	(16.71, 61.23)
Williamson	14	230,561	6.07	19.56	6.17*	(0.37, 11.96)
Wilson	Less Than 5					
Winkler	Less Than 5					
Wise	Less Than 5					
Wood	21	32,512	64.59	25.49	50.32**	(36.80, 63.84)
Yoakum	Less Than 5					
Young	Less Than 5					
Zapata	Less Than 5					
Zavala	Less Than 5					

Source: *Texas Hospital Inpatient Discharge Public Use Data File, 2005*. Texas Department of State Health Services, Center for Health Statistics, Austin, Texas. 2006.

\* 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.