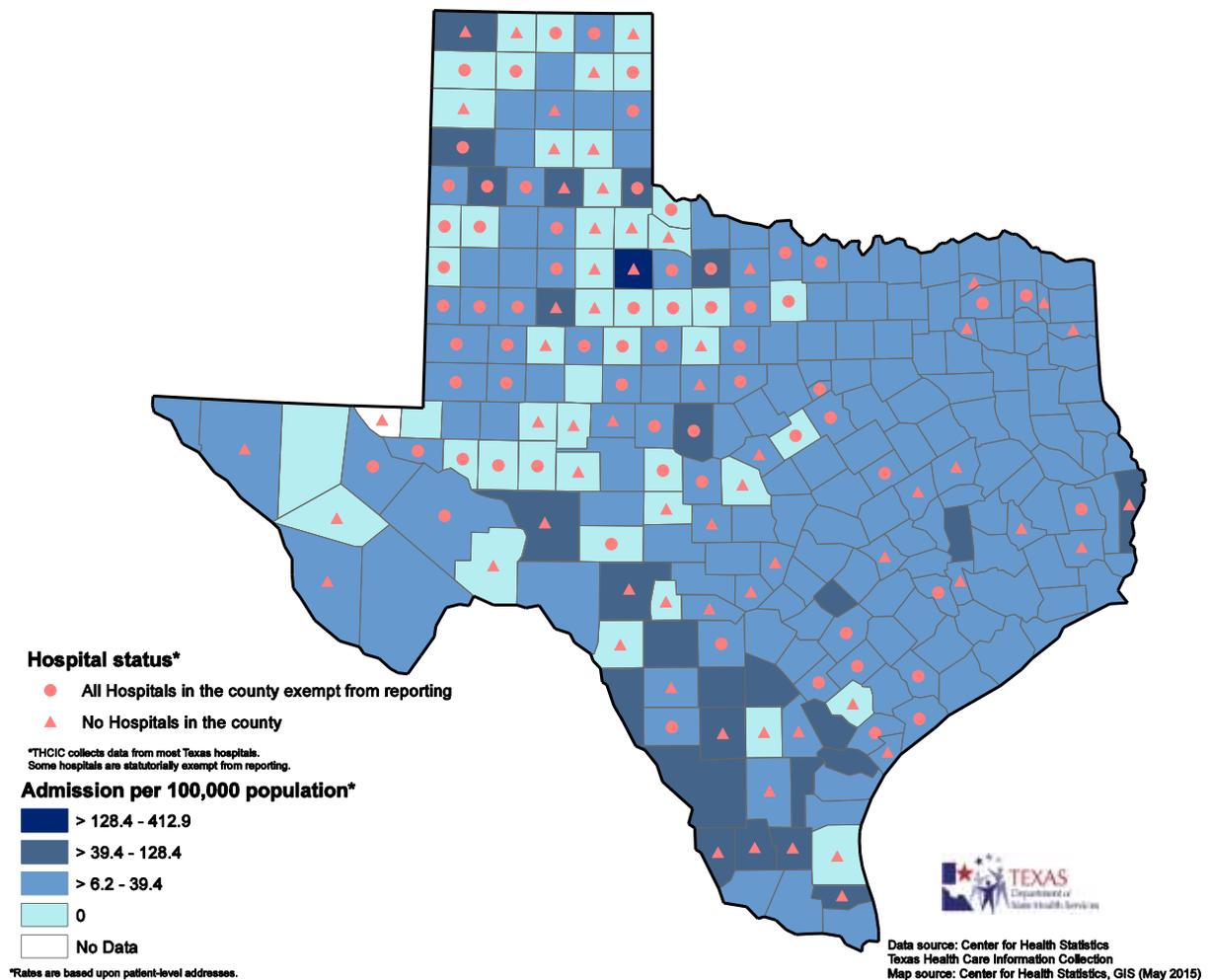


Risk-Adjusted-Rate of Lower-Extremity Amputation Among Patients with Diabetes, 2013

Lower extremity amputation (LEA) is a costly and disabling procedure. According to the American Diabetes Association, about 60-70% of people with diabetes have mild to severe forms of diabetic nerve damage, which in severe forms, can lead to the need for lower limb amputations. In fact, diabetes is the most frequent cause of lower limb amputations that were not made necessary by an injury. The risk of a leg amputation is 15-40 times greater for a person with diabetes than for a non-diabetic. Each year, 56,200 people lose a foot or leg to diabetes.



Texas Health Care Information Collection

Lower-Extremity Amputation among Patients with Diabetes Rate, 2013

Rates not calculated for counties with fewer than 5 admissions

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

** Risk-adjusted 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 Rate	Mean Charge per Admission
State of Texas	4,043	19,329,674	20.92	14.32	22.93	(22.34, 23.51)	\$109,415
Anderson	6	48,337	12.41	16.50	11.81*	(0.92, 22.71)	\$95,438
Andrews	Less than 5						
Angelina	15	65,234	22.99	16.82	21.46	(12.17, 30.75)	\$105,701
Aransas	5	19,356	25.83	23.39	17.34	(2.88, 31.80)	\$111,671
Archer	Less than 5						
Armstrong	Less than 5						
Atascosa	17	33,957	50.06	17.11	45.94**	(33.18, 58.71)	\$133,093
Austin	Less than 5						
Bailey	Less than 5						
Bandera	Less than 5						
Bastrop	19	59,279	32.05	16.73	30.08	(20.31, 39.85)	\$101,591
Baylor	Less than 5						
Bee	11	25,040	43.93	14.78	46.68**	(30.69, 62.68)	\$149,703
Bell	37	237,251	15.60	12.40	19.75	(14.08, 25.43)	\$74,634
Bexar	403	1,328,259	30.34	13.81	34.49**	(32.22, 36.76)	\$103,300
Blanco	Less than 5						
Borden	Less than 5						
Bosque	Less than 5						
Bowie	9	71,084	12.66	16.74	11.87*	(2.95, 20.79)	\$53,672
Brazoria	44	244,607	17.99	14.49	19.50	(14.33, 24.67)	\$107,242
Brazos	29	156,883	18.49	9.60	30.22	(22.29, 38.15)	\$72,297
Brewster	Less than 5						
Briscoe	Less than 5						
Brooks	5	5,156	96.97	19.33	78.78**	(47.96, 109.60)	\$125,903
Brown	8	29,451	27.16	18.86	22.62	(9.56, 35.68)	\$72,506
Burleson	Less than 5						
Burnet	9	35,537	25.33	20.18	19.71	(8.22, 31.20)	\$68,683
Caldwell	13	29,515	44.05	15.38	44.96**	(30.52, 59.40)	\$103,774
Calhoun	5	15,990	31.27	18.63	26.36	(8.53, 44.19)	\$122,765
Callahan	5	10,651	46.94	19.95	36.94	(15.83, 58.05)	\$95,815
Cameron	98	289,315	33.87	14.65	36.31**	(31.59, 41.04)	\$116,655
Camp	Less than 5						
Carson	Less than 5						
Cass	Less than 5						
Castro	Less than 5						
Chambers	Less than 5						
Cherokee	9	38,514	23.37	17.83	20.58	(8.83, 32.32)	\$83,884
Childress	Less than 5						
Clay	Less than 5						
Cochran	Less than 5						

Texas Health Care Information Collection
Lower-Extremity Amputation among Patients with Diabetes Rate, 2013

Rates not calculated for counties with fewer than 5 admissions

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

** Risk-adjusted 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 Rate	Mean Charge per Admission
Coke	Less than 5						
Coleman	5	6,852	72.97	22.16	51.70**	(26.73, 76.67)	\$98,837
Collin	44	631,237	6.97	13.17	8.31*	(4.93, 11.68)	\$170,867
Collingsworth	Less than 5						
Colorado	5	16,280	30.71	20.83	23.16	(6.45, 39.87)	\$88,517
Comal	18	91,319	19.71	18.74	16.51	(9.08, 23.95)	\$86,016
Comanche	Less than 5						
Concho	Less than 5						
Cooke	Less than 5						
Coryell	6	54,595	10.99	11.61	14.86	(2.64, 27.08)	\$70,964
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	374	1,747,659	21.40	13.14	25.57**	(23.53, 27.60)	\$115,128
Dawson	Less than 5						
Deaf Smith	7	13,361	52.39	15.15	54.30**	(32.67, 75.92)	\$124,655
Delta	Less than 5						
Denton	56	536,382	10.44	12.18	13.46*	(9.65, 17.26)	\$119,283
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	24	101,293	23.69	13.99	26.59	(18.41, 34.76)	\$75,893
Edwards	Less than 5						
Ellis	26	116,281	22.36	14.90	23.56	(16.16, 30.95)	\$119,712
El Paso	122	590,799	20.65	13.91	23.31	(19.92, 26.71)	\$154,807
Erath	6	30,319	19.79	14.48	21.46	(6.77, 36.14)	\$78,032
Falls	5	14,082	35.51	17.29	32.25	(12.53, 51.97)	\$35,528
Fannin	6	27,383	21.91	18.90	18.20	(4.68, 31.72)	\$77,052
Fayette	Less than 5						
Fisher	Less than 5						
Floyd	Less than 5						
Foard	Less than 5						
Fort Bend	78	469,116	16.63	13.58	19.22	(15.37, 23.08)	\$102,546
Franklin	Less than 5						
Freestone	Less than 5						

Texas Health Care Information Collection

Lower-Extremity Amputation among Patients with Diabetes Rate, 2013

Rates not calculated for counties with fewer than 5 admissions

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

** Risk-adjusted 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 Rate	Mean Charge per Admission
Frio	7	13,293	52.66	14.24	58.05**	(35.69, 80.41)	\$87,636
Gaines	Less than 5						
Galveston	44	229,916	19.14	15.67	19.18	(14.05, 24.30)	\$151,167
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	24	94,343	25.44	17.88	22.34	(14.85, 29.83)	\$84,892
Gregg	25	93,153	26.84	15.98	26.37	(18.39, 34.34)	\$77,414
Grimes	12	21,557	55.67	17.64	49.56**	(33.78, 65.34)	\$206,361
Guadalupe	18	105,356	17.08	15.56	17.24	(9.64, 24.84)	\$59,229
Hale	5	25,891	19.31	15.29	19.84	(4.37, 35.31)	\$125,086
Hall	Less than 5						
Hamilton	Less than 5						
Hansford	Less than 5						
Hardeman	Less than 5						
Hardin	14	42,377	33.04	17.11	30.32	(18.89, 41.75)	\$99,602
Harris	574	3,111,234	18.45	12.88	22.48	(20.95, 24.02)	\$125,921
Harrison	8	49,636	16.12	16.79	15.07	(4.41, 25.73)	\$48,604
Hartley	Less than 5						
Haskell	Less than 5						
Hays	12	130,764	9.18	12.61	11.42*	(3.85, 19.00)	\$132,356
Hemphill	Less than 5						
Henderson	14	62,666	22.34	19.90	17.63	(8.91, 26.34)	\$155,051
Hidalgo	136	551,687	24.65	13.07	29.62**	(26.00, 33.24)	\$101,818
Hill	8	27,510	29.08	19.76	23.11	(9.92, 36.31)	\$50,149
Hockley	Less than 5						
Hood	7	43,406	16.13	21.55	11.75*	(1.69, 21.81)	\$134,759
Hopkins	6	27,091	22.15	18.02	19.30	(5.37, 33.23)	\$48,401
Houston	Less than 5						
Howard	7	27,275	25.66	17.02	23.68	(9.40, 37.96)	\$121,820
Hudspeth	Less than 5						
Hunt	21	66,936	31.37	16.98	29.02	(19.89, 38.15)	\$70,824
Hutchinson	Less than 5						
Irion	Less than 5						
Jack	Less than 5						
Jackson	Less than 5						
Jasper	8	27,082	29.54	18.94	24.49	(10.91, 38.08)	\$53,450
Jeff Davis	Less than 5						

Texas Health Care Information Collection

Lower-Extremity Amputation among Patients with Diabetes Rate, 2013

Rates not calculated for counties with fewer than 5 admissions

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

** Risk-adjusted 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 Rate	Mean Charge per Admission
Jefferson	61	192,021	31.77	15.63	31.91**	(26.29, 37.52)	\$100,350
Jim Hogg	Less than 5						
Jim Wells	13	29,865	43.53	16.56	41.28**	(27.44, 55.12)	\$92,280
Johnson	23	116,752	19.70	15.90	19.46	(12.32, 26.60)	\$98,338
Jones	Less than 5						
Karnes	Less than 5						
Kaufman	6	81,655	7.35	14.77	7.81*	(0.00, 16.67)	\$76,895
Kendall	5	28,175	17.75	19.80	14.07	(1.05, 27.10)	\$90,891
Kenedy	Less than 5						
Kent	Less than 5						
Kerr	5	41,396	12.08	22.52	8.42*	(0.00, 18.50)	\$43,987
Kimble	Less than 5						
King	Less than 5						
Kinney	Less than 5						
Kleberg	6	23,633	25.39	14.03	28.41	(11.51, 45.30)	\$76,442
Knox	Less than 5						
Lamar	6	38,322	15.66	18.25	13.47	(1.84, 25.11)	\$61,763
Lamb	Less than 5						
Lampasas	Less than 5						
La Salle	5	5,765	86.73	13.47	101.13**	(66.20, 136.05)	\$59,217
Lavaca	Less than 5						
Lee	Less than 5						
Leon	Less than 5						
Liberty	19	58,005	32.76	15.65	32.86	(22.65, 43.07)	\$183,696
Limestone	Less than 5						
Lipscomb	Less than 5						
Live Oak	Less than 5						
Llano	Less than 5						
Loving	Less than 5						
Lubbock	40	216,123	18.51	13.62	21.34	(15.67, 27.01)	\$154,115
Lynn	Less than 5						
McCulloch	Less than 5						
McLennan	41	178,882	22.92	15.01	23.97	(18.03, 29.91)	\$68,749
McMullen	Less than 5						
Madison	Less than 5						
Marion	Less than 5						
Martin	Less than 5						
Mason	Less than 5						
Matagorda	6	27,222	22.04	18.32	18.89	(5.11, 32.67)	\$98,929
Maverick	17	38,045	44.68	14.78	47.47**	(34.50, 60.45)	\$140,359
Medina	6	36,228	16.56	17.38	14.96	(2.70, 27.23)	\$160,455

Texas Health Care Information Collection

Lower-Extremity Amputation among Patients with Diabetes Rate, 2013

Rates not calculated for counties with fewer than 5 admissions

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

** Risk-adjusted 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 Rate	Mean Charge per Admission
Menard	Less than 5						
Midland	29	105,493	27.49	14.74	29.29	(21.49, 37.10)	\$79,687
Milam	7	18,606	37.62	19.57	30.20	(14.07, 46.32)	\$57,718
Mills	Less than 5						
Mitchell	Less than 5						
Montague	5	15,502	32.25	20.28	24.97	(7.62, 42.33)	\$142,055
Montgomery	40	371,401	10.77	15.14	11.17*	(7.07, 15.27)	\$151,509
Moore	Less than 5						
Morris	Less than 5						
Motley	Less than 5						
Nacogdoches	11	49,116	22.40	14.19	24.78	(13.12, 36.43)	\$109,357
Navarro	14	35,632	39.29	17.37	35.52**	(23.15, 47.89)	\$70,762
Newton	6	11,041	54.34	18.87	45.22**	(23.90, 66.54)	\$112,066
Nolan	Less than 5						
Nueces	93	260,873	35.65	15.66	35.74**	(30.93, 40.55)	\$114,067
Ochiltree	Less than 5						
Oldham	Less than 5						
Orange	21	61,650	34.06	17.30	30.91	(21.49, 40.34)	\$74,381
Palo Pinto	Less than 5						
Panola	Less than 5						
Parker	11	94,489	11.64	16.72	10.94*	(3.19, 18.68)	\$84,379
Parmer	Less than 5						
Pecos	Less than 5						
Polk	11	37,465	29.36	20.20	22.82	(11.64, 34.00)	\$248,042
Potter	17	89,631	18.97	14.64	20.34	(11.85, 28.84)	\$94,576
Presidio	Less than 5						
Rains	Less than 5						
Randall	7	94,486	7.41	15.54	7.49*	(0.00, 15.52)	\$77,296
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	5	12,753	39.21	18.90	32.57	(12.75, 52.39)	\$147,429
Rockwall	6	64,164	9.35	14.50	10.12*	(0.04, 20.21)	\$119,453
Runnels	Less than 5						
Rusk	7	42,506	16.47	16.68	15.51	(3.95, 27.06)	\$121,207
Sabine	Less than 5						
San Augustine	Less than 5						
San Jacinto	Less than 5						

Texas Health Care Information Collection

Lower-Extremity Amputation among Patients with Diabetes Rate, 2013

Rates not calculated for counties with fewer than 5 admissions

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

** Risk-adjusted 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 Rate	Mean Charge per Admission
San Patricio	22	47,521	46.30	17.03	42.70**	(31.88, 53.52)	\$116,846
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	38	164,278	23.13	16.38	22.17	(16.24, 28.10)	\$93,999
Somervell	Less than 5						
Starr	11	42,685	25.77	14.35	28.21	(15.77, 40.64)	\$76,784
Stephens	Less than 5						
Sterling	Less than 5						
Stonewall	Less than 5						
Sutton	Less than 5						
Swisher	Less than 5						
Tarrant	253	1,388,050	18.23	13.54	21.14	(18.89, 23.38)	\$111,611
Taylor	26	100,144	25.96	15.33	26.60	(18.75, 34.46)	\$66,642
Terrell	Less than 5						
Terry	Less than 5						
Throckmorton	Less than 5						
Titus	5	23,106	21.64	15.22	22.32	(5.92, 38.73)	\$135,150
Tom Green	31	85,112	36.42	15.92	35.93**	(27.57, 44.29)	\$64,830
Travis	112	825,188	13.57	11.69	18.22*	(15.09, 21.36)	\$106,448
Trinity	Less than 5						
Tyler	5	17,730	28.20	19.11	23.17	(6.46, 39.89)	\$70,502
Upshur	Less than 5						
Upton	Less than 5						
Uvalde	14	19,027	73.58	17.81	64.89**	(48.17, 81.61)	\$133,592
Val Verde	12	35,556	33.75	15.55	34.08	(21.00, 47.17)	\$80,201
Van Zandt	11	41,504	26.50	19.61	21.22	(10.44, 32.01)	\$118,552
Victoria	19	64,918	29.27	16.93	27.14	(17.86, 36.42)	\$73,168
Walker	15	57,107	26.27	14.28	28.88	(18.10, 39.65)	\$169,471
Waller	Less than 5						
Ward	Less than 5						
Washington	8	26,855	29.79	19.58	23.89	(10.47, 37.31)	\$64,466
Webb	61	174,993	34.86	12.12	45.15**	(38.47, 51.83)	\$122,102
Wharton	13	30,519	42.60	17.48	38.27**	(24.95, 51.59)	\$60,137
Wheeler	Less than 5						
Wichita	30	100,086	29.97	15.38	30.60	(22.76, 38.45)	\$72,466
Wilbarger	Less than 5						
Willacy	12	16,903	70.99	14.30	77.94**	(58.15, 97.73)	\$76,090

Texas Health Care Information Collection
Lower-Extremity Amputation among Patients with Diabetes Rate, 2013

Rates not calculated for counties with fewer than 5 admissions

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

** Risk-adjusted 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 Rate	Mean Charge per Admission
Williamson	42	342,839	12.25	13.46	14.29*	(9.76, 18.82)	\$91,817
Wilson	5	34,644	14.43	17.52	12.94	(0.45, 25.43)	\$99,038
Winkler	Less than 5						
Wise	19	46,744	40.65	16.68	38.27**	(27.25, 49.29)	\$81,129
Wood	17	35,178	48.33	22.93	33.09	(22.25, 43.92)	\$82,933
Yoakum	Less than 5						
Young	Less than 5						
Zapata	Less than 5						
Zavala	Less than 5						