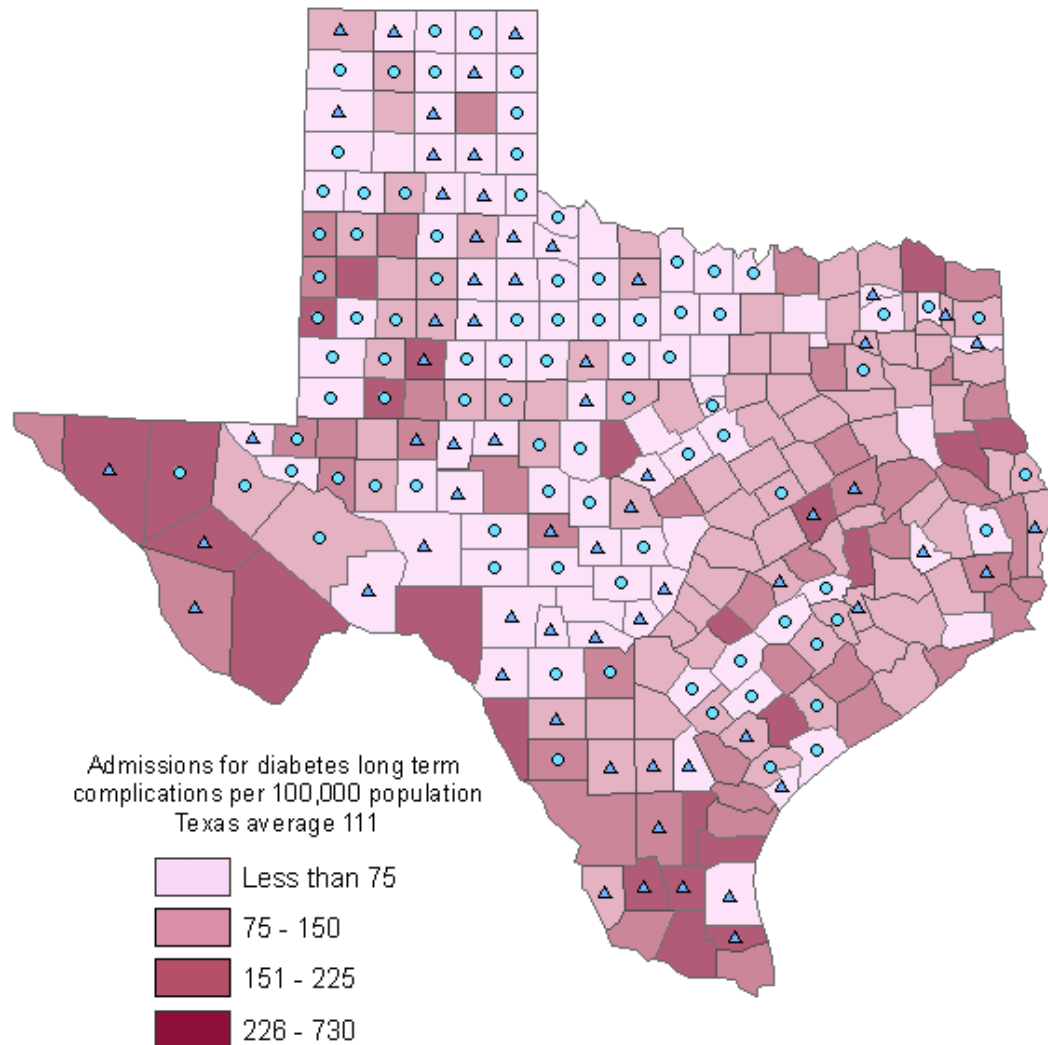


## 14. Diabetes Long-Term Complication

People with diabetes are at risk of developing long-term complications from the disease including damage to the eyes, kidneys and nerves. They are also at increased risk of developing cardiovascular disease, including coronary heart disease, stroke, and peripheral vascular disease. Long-term diabetes complications are thought to arise from sustained long-term poor control of diabetes.



- ▲ No hospitals in the county
- All hospitals in the county are exempt\* from reporting

\* THCIC collects data from most Texas hospitals. Some hospitals are statutorily exempt from reporting (see introduction for details).



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

## 14. Diabetes Long-Term Complication, 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	19,173	15,678,989	122.3	137.3	
Anderson	54	43,138	125.2	138.5	(96.6, 180.4)
Andrews	Less than 5	9,026			
Angelina	111	58,616	189.4	192.3 **	(149.9, 234.6)
Aransas	15	17,723	84.6	46.8 *	(8.8, 84.8)
Archer	7	6,641	105.4	96.3	(7.2, 185.4)
Armstrong	Less than 5	1,594			
Atascosa	33	28,584	115.5	122.7	(74.2, 171.1)
Austin	17	18,205	93.4	82.7 *	(32.8, 132.5)
Bailey	9	4,544	198.1	187.6	(37.4, 337.9)
Bandera	7	14,679	47.7	21.8 *	(0.0, 50.4)
Bastrop	66	46,630	141.5	154.0	(111.5, 196.5)
Baylor	0	3,037	0.0	0.0 *	(0.0, 0.0)
Bee	48	24,775	193.7	221.2 **	(151.4, 291.0)
Bell	142	170,238	83.4	104.9 *	(86.6, 123.3)
Bexar	1,362	1,035,771	131.5	145.6	(136.9, 154.4)
Blanco	Less than 5	6,775			
Borden	Less than 5	531			
Bosque	9	13,430	67.0	31.7 *	(0.0, 67.6)
Bowie	132	67,967	194.2	194.2 **	(154.7, 233.7)
Brazoria	181	185,574	97.5	112.4 *	(94.2, 130.6)
Brazos	102	119,106	85.6	134.7	(109.9, 159.6)
Brewster	22	6,956	316.3	321.9 **	(163.0, 480.9)
Briscoe	Less than 5	1,239			
Brooks	38	5,331	712.8	730.1 **	(457.2, 1002.9)
Brown	76	28,238	269.1	262.1 **	(190.9, 333.3)
Burleson	23	12,417	185.2	171.1	(84.3, 257.9)
Burnet	26	28,101	92.5	70.7 *	(33.6, 107.8)
Caldwell	63	25,382	248.2	261.7 **	(186.6, 336.7)
Calhoun	9	14,758	61.0	48.5 *	(6.1, 90.8)
Callahan	9	9,632	93.4	69.3 *	(6.6, 132.1)
Cameron	432	235,345	183.6	196.8 **	(175.4, 218.2)
Camp	10	8,511	117.5	101.1	(20.5, 181.8)
Carson	Less than 5	4,845			
Cass	24	23,061	104.1	77.7 *	(34.8, 120.6)
Castro	Less than 5	5,473			
Chambers	11	19,839	55.4	64.8 *	(22.5, 107.1)
Cherokee	28	35,003	80.0	70.3 *	(37.1, 103.4)

\* 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.

## 14. Diabetes Long-Term Complication, 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	19,173	15,678,989	122.3	137.3	
Childress	0	5,850	0.0	0.0 *	(0.0, 0.0)
Clay	Less than 5	8,736			
Cochran	Less than 5	2,464			
Coke	Less than 5	2,918			
Coleman	7	6,797	103.0	58.6 *	(0.0, 127.2)
Collin	177	407,343	43.5	73.5 *	(63.5, 83.4)
Collingsworth	Less than 5	2,327			
Colorado	17	15,221	111.7	87.3	(31.3, 143.3)
Comal	63	64,269	98.0	85.6 *	(58.6, 112.6)
Comanche	11	10,189	108.0	70.4 *	(8.9, 131.9)
Concho	Less than 5	3,242			
Cooke	10	27,637	36.2	23.0 *	(1.6, 44.3)
Coryell	30	53,703	55.9	100.4 *	(68.4, 132.4)
Cottle	Less than 5	1,359			
Crane	5	2,726	183.4	185.3	(0.0, 378.0)
Crockett	Less than 5	2,792			
Crosby	8	4,788	167.1	149.7	(19.0, 280.5)
Culberson	5	1,949	256.6	260.4	(0.0, 530.6)
Dallam	Less than 5	4,214			
Dallas	1,925	1,643,801	117.1	142.1	(135.3, 149.0)
Dawson	10	11,000	90.9	85.7	(20.4, 151.0)
Deaf Smith	8	12,328	64.9	60.9 *	(8.9, 112.8)
Delta	Less than 5	4,042			
Denton	189	353,299	53.5	90.0 *	(78.2, 101.8)
DeWitt	5	15,462	32.3	7.4 *	(0.0, 23.6)
Dickens	Less than 5	2,222			
Dimmit	12	6,983	171.8	172.3	(56.2, 288.5)
Donley	Less than 5	2,968			
Duval	18	9,215	195.3	192.0	(85.3, 298.7)
Eastland	15	13,945	107.6	75.0 *	(20.8, 129.3)
Ector	151	85,954	175.7	186.3 **	(151.8, 220.7)
Edwards	Less than 5	1,499			
Ellis	99	85,378	116.0	131.0	(102.1, 160.0)
El Paso	800	477,015	167.7	184.2 **	(169.7, 198.7)
Erath	20	24,840	80.5	84.0 *	(41.0, 127.0)
Falls	14	13,263	105.6	89.2	(28.6, 149.9)
Fannin	34	24,427	139.2	129.5	(75.7, 183.4)
Fayette	7	17,323	40.4	2.7 *	(0.0, 12.0)

\* 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.

## 14. Diabetes Long-Term Complication, 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	19,173	15,678,989	122.3	137.3	
Fisher	Less than 5	3,293			
Floyd	Less than 5	5,153			
Foard	0	1,160	0.0	0.0 *	(0.0, 0.0)
Fort Bend	204	280,801	72.6	98.0 *	(84.2, 111.9)
Franklin	8	7,503	106.6	82.0	(4.7, 159.3)
Freestone	26	14,342	181.3	172.8	(91.6, 253.9)
Frio	14	11,665	120.0	134.5	(55.1, 214.0)
Gaines	Less than 5	9,500			
Galveston	379	192,663	196.7	205.2 **	(181.1, 229.3)
Garza	Less than 5	3,592			
Gillespie	Less than 5	17,152			
Glasscock	Less than 5	948			
Goliad	9	5,395	166.8	144.4	(23.5, 265.4)
Gonzales	12	13,762	87.2	72.6 *	(18.8, 126.3)
Gray	33	16,812	196.3	179.2	(102.9, 255.5)
Grayson	138	85,244	161.9	154.7	(123.2, 186.2)
Gregg	128	83,114	154.0	154.6	(122.7, 186.5)
Grimes	47	18,780	250.3	251.8 **	(166.2, 337.3)
Guadalupe	83	68,383	121.4	125.6	(93.9, 157.3)
Hale	42	25,011	167.9	169.5	(108.6, 230.3)
Hall	Less than 5	2,673			
Hamilton	Less than 5	6,224			
Hansford	Less than 5	3,785			
Hardeman	Less than 5	3,381			
Hardin	66	36,046	183.1	185.3	(132.3, 238.3)
Harris	2,965	2,536,612	116.9	142.0	(136.5, 147.5)
Harrison	68	46,213	147.1	146.0	(104.4, 187.6)
Hartley	Less than 5	4,347			
Haskell	Less than 5	4,562			
Hays	74	81,634	90.6	123.3	(94.5, 152.0)
Hemphill	Less than 5	2,493			
Henderson	74	57,676	128.3	103.3 *	(72.0, 134.6)
Hidalgo	906	399,745	226.6	252.0 **	(233.4, 270.5)
Hill	41	25,148	163.0	145.9	(89.6, 202.2)
Hockley	40	16,286	245.6	254.1 **	(161.8, 346.4)
Hood	18	34,183	52.7	24.2 *	(4.5, 43.9)
Hopkins	17	24,081	70.6	58.0 *	(21.7, 94.3)
Houston	34	18,038	188.5	170.1	(98.3, 242.0)

\* 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.

## 14. Diabetes Long-Term Complication, 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	19,173	15,678,989	122.3	137.3	
Howard	40	25,186	158.8	157.3	(98.9, 215.7)
Hudspeth	5	2,277	219.5	229.0	(0.0, 463.3)
Hunt	61	58,713	103.9	104.4 *	(73.2, 135.6)
Hutchinson	8	16,843	47.5	28.3 *	(0.0, 58.6)
Irion	Less than 5	1,332			
Jack	Less than 5	6,865			
Jackson	17	10,541	161.3	149.8	(61.6, 237.9)
Jasper	46	26,493	173.6	162.0	(104.2, 219.9)
Jeff Davis	9	1,715	524.7	515.0	(110.6, 919.5)
Jefferson	398	185,485	214.6	217.3 **	(192.0, 242.6)
Jim Hogg	14	3,615	387.3	385.1 **	(144.1, 626.2)
Jim Wells	70	27,926	250.7	257.4 **	(186.4, 328.3)
Johnson	121	98,667	122.6	133.6	(106.4, 160.8)
Jones	10	15,889	62.9	63.0 *	(16.4, 109.6)
Karnes	13	12,061	107.8	114.3	(42.3, 186.2)
Kaufman	79	56,241	140.5	151.0	(112.7, 189.3)
Kendall	11	18,814	58.5	44.0 *	(8.2, 79.8)
Kenedy	0	301	0.0	0.0 *	(0.0, 0.0)
Kent	0	654	0.0	0.0 *	(0.0, 0.0)
Kerr	22	34,935	63.0	13.2 *	(0.0, 27.5)
Kimble	Less than 5	3,493			
King	0	226	0.0	0.0 *	(0.0, 0.0)
Kinney	Less than 5	2,620			
Kleberg	65	22,497	288.9	312.7 **	(225.6, 399.8)
Knox	Less than 5	2,945			
Lamar	56	36,376	153.9	141.7	(95.5, 187.8)
Lamb	13	10,482	124.0	104.0	(30.3, 177.6)
Lampasas	23	13,929	165.1	159.9	(80.7, 239.1)
La Salle	5	4,194	119.2	121.0	(0.0, 246.6)
Lavaca	27	14,531	185.8	151.0	(75.6, 226.4)
Lee	14	11,738	119.3	112.3	(40.0, 184.6)
Leon	26	12,162	213.8	185.1	(93.9, 276.3)
Liberty	67	53,939	124.2	136.9	(99.6, 174.1)
Limestone	19	16,720	113.6	103.0	(44.9, 161.0)
Lipscomb	0	2,300	0.0	0.0 *	(0.0, 0.0)
Live Oak	7	9,489	73.8	55.2 *	(0.0, 111.6)
Llano	8	14,886	53.7	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.

## 14. Diabetes Long-Term Complication, 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	19,173	15,678,989	122.3	137.3	
Lubbock	244	182,713	133.5	150.0	(128.8, 171.2)
Lynn	7	4,453	157.2	147.8	(13.1, 282.6)
McCulloch	5	5,873	85.1	48.7 *	(0.0, 116.1)
McLennan	171	158,695	107.8	113.6 *	(93.8, 133.3)
McMullen	Less than 5	682			
Madison	11	10,290	106.9	115.4	(37.1, 193.8)
Marion	6	8,649	69.4	33.5 *	(0.0, 79.6)
Martin	8	3,187	251.1	252.1	(44.2, 459.9)
Mason	Less than 5	2,966			
Matagorda	42	27,046	155.3	154.5	(98.6, 210.4)
Maverick	114	31,350	363.6	390.7 **	(308.3, 473.1)
Medina	55	29,570	186.0	188.2	(129.3, 247.2)
Menard	Less than 5	1,807			
Midland	121	83,377	145.1	149.1	(117.8, 180.3)
Milam	29	18,176	159.5	143.4	(77.7, 209.0)
Mills	Less than 5	3,902			
Mitchell	7	7,462	93.8	90.9	(9.3, 172.6)
Montague	Less than 5	14,659			
Montgomery	186	235,981	78.8	91.3 *	(76.8, 105.9)
Moore	10	13,589	73.6	79.4 *	(22.9, 136.0)
Morris	17	9,993	170.1	149.1	(58.8, 239.4)
Motley	Less than 5	1,025			
Nacogdoches	105	44,171	237.7	257.5 **	(201.1, 314.0)
Navarro	50	34,083	146.7	144.8	(96.6, 193.0)
Newton	15	11,243	133.4	122.8	(45.5, 200.1)
Nolan	11	11,127	98.9	76.7	(15.3, 138.1)
Nueces	347	226,363	153.3	160.7 **	(141.0, 180.4)
Ochiltree	Less than 5	6,376			
Oldham	0	1,447	0.0	0.0 *	(0.0, 0.0)
Orange	113	62,309	181.4	179.5 **	(139.8, 219.2)
Palo Pinto	12	20,341	59.0	38.4 *	(6.2, 70.5)
Panola	30	17,129	175.1	163.4	(91.2, 235.6)
Parker	38	70,020	54.3	56.7 *	(35.6, 77.7)
Parmer	5	6,711	74.5	67.1	(0.0, 141.0)
Pecos	12	12,025	99.8	106.0	(36.6, 175.5)
Polk	54	34,454	156.7	137.8	(91.0, 184.6)
Potter	112	82,935	135.0	144.2	(113.3, 175.0)
Presidio	9	5,215	172.6	162.5	(32.0, 293.1)

\* 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.

## 14. Diabetes Long-Term Complication, 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	19,173	15,678,989	122.3	137.3	
Rains	11	7,891	139.4	127.1	(33.2, 220.9)
Randall	39	79,598	49.0	50.0 *	(31.5, 68.5)
Reagan	Less than 5	2,137			
Real	Less than 5	2,314			
Red River	32	10,665	300.1	276.4 **	(157.4, 395.3)
Reeves	11	8,875	123.9	119.7	(33.8, 205.6)
Refugio	9	5,760	156.2	136.5	(22.7, 250.3)
Roberts	0	656	0.0	0.0 *	(0.0, 0.0)
Robertson	29	11,532	251.5	236.2	(130.4, 341.9)
Rockwall	21	36,507	57.5	70.8 *	(38.2, 103.4)
Runnels	13	8,259	157.4	126.3	(34.8, 217.7)
Rusk	57	36,131	157.8	147.3	(100.1, 194.6)
Sabine	15	8,224	182.4	131.3	(37.9, 224.7)
San Augustine	12	6,821	175.9	138.0	(32.8, 243.2)
San Jacinto	16	17,626	90.8	70.0 *	(23.4, 116.7)
San Patricio	94	46,738	201.1	211.5 **	(161.8, 261.2)
San Saba	6	4,509	133.1	95.5	(0.0, 203.1)
Schleicher	Less than 5	2,161			
Scurry	9	11,887	75.7	63.8 *	(9.6, 118.0)
Shackelford	Less than 5	2,514			
Shelby	47	18,820	249.7	241.4 **	(157.7, 325.1)
Sherman	Less than 5	2,300			
Smith	192	133,789	143.5	139.5	(115.6, 163.4)
Somervell	Less than 5	5,302			
Starr	57	35,840	159.0	182.3	(129.6, 235.0)
Stephens	7	7,187	97.4	73.5	(0.0, 148.3)
Sterling	0	993	0.0	0.0 *	(0.0, 0.0)
Stonewall	0	1,199	0.0	0.0 *	(0.0, 0.0)
Sutton	Less than 5	2,975			
Swisher	6	5,848	102.6	84.0	(0.0, 172.7)
Tarrant	959	1,099,370	87.2	107.6 *	(100.3, 114.9)
Taylor	130	91,077	142.7	149.0	(119.1, 178.9)
Terrell	0	750	0.0	0.0 *	(0.0, 0.0)
Terry	6	9,212	65.1	54.3 *	(0.0, 111.1)
Throckmorton	0	1,308	0.0	0.0 *	(0.0, 0.0)
Titus	7	19,781	35.4	35.5 *	(4.2, 66.9)
Tom Green	127	75,815	167.5	169.4	(134.5, 204.4)
Travis	573	642,139	89.2	124.1 *	(113.8, 134.4)

\* 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.

## 14. Diabetes Long-Term Complication, 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	19,173	15,678,989	122.3	137.3	
Trinity	18	10,906	165.0	126.9	(47.1, 206.7)
Tyler	9	16,011	56.2	33.4 *	(0.0, 67.2)
Upshur	36	27,088	132.9	122.9	(73.1, 172.8)
Upton	Less than 5	2,387			
Uvalde	14	18,332	76.4	68.8 *	(23.5, 114.1)
Val Verde	81	31,441	257.6	266.6 **	(198.6, 334.7)
Van Zandt	41	37,894	108.2	87.7 *	(52.1, 123.2)
Victoria	155	60,919	254.4	261.4 **	(213.0, 309.8)
Walker	91	49,815	182.7	215.0 **	(166.4, 263.5)
Waller	32	24,817	128.9	148.7	(91.5, 205.9)
Ward	5	7,418	67.4	48.2 *	(0.0, 107.8)
Washington	15	23,012	65.2	48.0 *	(14.2, 81.8)
Webb	212	132,563	159.9	190.8 **	(162.8, 218.9)
Wharton	61	29,827	204.5	202.5 **	(141.6, 263.4)
Wheeler	Less than 5	3,833			
Wichita	87	95,608	91.0	94.5 *	(71.3, 117.8)
Wilbarger	Less than 5	10,173			
Willacy	36	13,805	260.8	275.9 **	(171.5, 380.4)
Williamson	145	205,348	70.6	96.1 *	(80.1, 112.1)
Wilson	14	24,929	56.2	54.6 *	(20.0, 89.3)
Winkler	8	4,964	161.2	154.7	(24.2, 285.3)
Wise	8	38,498	20.8	24.3 *	(5.7, 42.9)
Wood	50	29,859	167.5	134.8	(85.1, 184.5)
Yoakum	12	5,067	236.8	241.4	(80.1, 402.7)
Young	5	13,408	37.3	4.3 *	(0.0, 17.4)
Zapata	13	8,655	150.2	147.4	(50.9, 243.8)
Zavala	6	7,765	77.3	81.8	(5.9, 157.7)

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

\* 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.