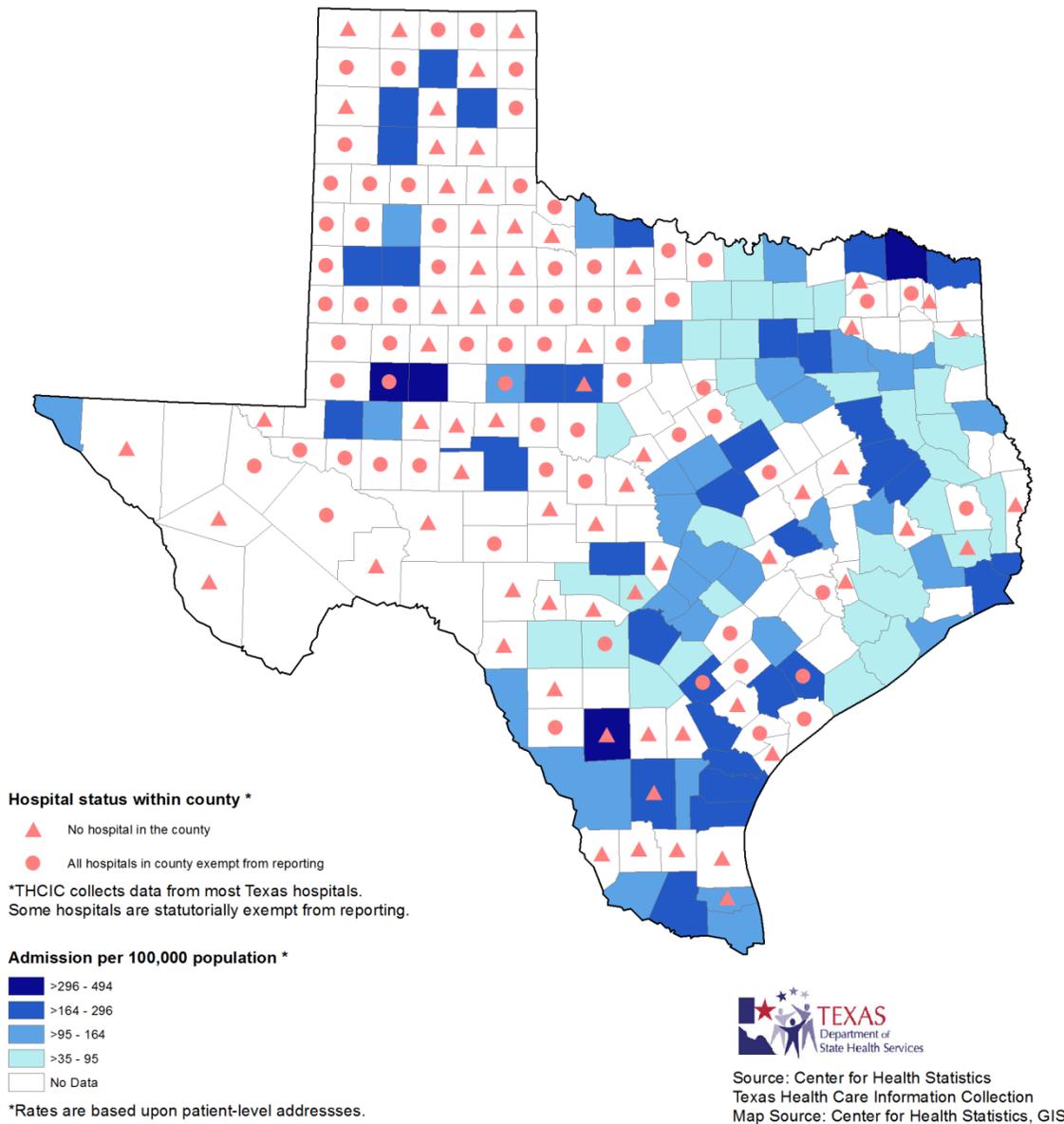


# Pediatric Asthma Admission Risk-Adjusted-Rate, 2011

Asthma is the one of the most frequent reasons for hospital admissions among children. Millions of missed school days and parental workdays are attributed to pediatric asthma. Children with asthma have airways that are overly sensitive to certain asthma triggers, which differ from child to child. Some common triggers are exercise, allergies, viral infections, and smoke. Adherence to treatment guidelines – which emphasize appropriate diagnosis of asthma, a physician-patient relationship, management of asthma symptoms with medications, appropriate preventive and maintenance therapy, and adequate follow-up care – can reduce hospital admission rates. Children need to follow a customized asthma management plan to control their symptoms. The severity of a child's asthma can both worsen and improve over time, placing him in a new asthma category that requires different treatment.



## Texas Health Care Information Collection *Pediatric Asthma Admission Rate, 2011*

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
State of Texas	7,446	6,165,883	120.76	138.50	118.39	(115.52, 121.27)
Anderson	26	10,223	254.32	139.24	248.02**	(177.55, 318.49)
Andrews	Less than 5					
Angelina	13	20,747	62.66	137.78	61.75*	(12.02, 111.48)
Aransas	Less than 5					
Archer	Less than 5					
Armstrong	Less than 5					
Atascosa	9	11,591	77.65	135.30	77.93	(10.79, 145.07)
Austin	Less than 5					
Bailey	Less than 5					
Bandera	Less than 5					
Bastrop	29	17,779	163.11	135.30	163.71	(109.50, 217.92)
Baylor	Less than 5					
Bee	14	6,156	227.41	135.51	227.87**	(135.82, 319.92)
Bell	185	77,999	237.18	145.05	222.03**	(197.04, 247.03)
Bexar	861	419,927	205.04	137.30	202.78**	(191.71, 213.85)
Blanco	Less than 5					
Borden	Less than 5					
Bosque	Less than 5					
Bowie	35	19,894	175.93	135.50	176.30**	(125.09, 227.51)
Brazoria	56	77,813	71.97	140.53	69.54*	(44.11, 94.96)
Brazos	43	43,090	99.79	125.61	107.88	(71.74, 144.02)
Brewster	Less than 5					
Briscoe	Less than 5					
Brooks	Less than 5					
Brown	5	8,140	61.43	135.81	61.41	(0.00, 141.38)
Burleson	8	3,522	227.17	136.23	226.43	(105.04, 347.82)
Burnet	10	9,220	108.46	135.17	108.96	(33.64, 184.28)
Caldwell	7	9,200	76.09	132.21	78.15	(1.91, 154.38)
Calhoun	Less than 5					
Callahan	5	2,914	171.60	133.89	174.03	(39.41, 308.64)
Cameron	147	121,007	121.48	138.19	119.37	(98.81, 139.93)
Camp	Less than 5					
Carson	Less than 5					
Cass	Less than 5					
Castro	Less than 5					
Chambers	Less than 5					
Cherokee	8	11,953	66.93	136.77	66.45	(0.69, 132.20)
Childress	Less than 5					
Clay	Less than 5					
Cochran	Less than 5					

## Texas Health Care Information Collection

### Pediatric Asthma Admission Rate, 2011

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
Coke	Less than 5					
Coleman	Less than 5					
Collin	167	208,836	79.97	138.57	78.36*	(62.73, 93.99)
Collingsworth	Less than 5					
Colorado	Less than 5					
Comal	37	23,518	157.33	133.29	160.28	(112.79, 207.77)
Comanche	Less than 5					
Concho	Less than 5					
Cooke	7	8,738	80.11	136.04	79.96	(2.85, 157.08)
Coryell	19	17,718	107.23	145.83	99.85	(47.54, 152.15)
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	1,025	570,186	179.77	141.25	172.81**	(163.45, 182.18)
Dawson	Less than 5					
Deaf Smith	Less than 5					
Delta	Less than 5					
Denton	122	171,468	71.15	138.91	69.55*	(52.32, 86.78)
Dewitt	Less than 5					
Dickens	Less than 5					
Dimmit	Less than 5					
Donley	Less than 5					
Duval	6	2,638	227.43	135.46	227.98	(87.34, 368.63)
Eastland	Less than 5					
Ector	99	34,887	283.78	143.70	268.15**	(230.60, 305.70)
Edwards	Less than 5					
Ellis	48	39,709	120.88	134.22	122.29	(85.87, 158.71)
El Paso	296	214,139	138.23	135.13	138.90**	(123.27, 154.53)
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	57	159,009	35.85	135.20	36.00*	(17.87, 54.14)
Franklin	Less than 5					
Freestone	Less than 5					

## Texas Health Care Information Collection *Pediatric Asthma Admission Rate, 2011*

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
Frio	Less than 5					
Gaines	Less than 5					
Galveston	71	67,017	105.94	136.13	105.68	(77.84, 133.52)
Garza	Less than 5					
Gillespie	10	4,510	221.71	133.77	225.05	(116.81, 333.30)
Glasscock	Less than 5					
Goliad	Less than 5					
Gonzales	Less than 5					
Gray	11	4,853	226.65	143.47	214.52	(113.76, 315.27)
Grayson	26	26,232	99.12	134.81	99.84	(55.13, 144.55)
Gregg	29	27,710	104.66	140.23	101.34	(58.69, 143.99)
Grimes	Less than 5					
Guadalupe	37	33,045	111.97	134.18	113.31	(73.38, 153.24)
Hale	11	9,109	120.75	139.86	117.24	(42.75, 191.73)
Hall	Less than 5					
Hamilton	Less than 5					
Hansford	Less than 5					
Hardeman	Less than 5					
Hardin	7	12,575	55.67	136.74	55.28	(0.00, 119.40)
Harris	815	1,017,771	80.08	140.72	77.27*	(70.25, 84.30)
Harrison	13	14,755	88.11	138.16	86.59	(27.71, 145.48)
Hartley	Less than 5					
Haskell	Less than 5					
Hays	38	37,881	100.32	132.61	102.72	(65.20, 140.23)
Hemphill	Less than 5					
Henderson	12	16,334	73.46	134.01	74.44	(17.61, 131.27)
Hidalgo	426	243,762	174.76	139.75	169.81**	(155.40, 184.21)
Hill	7	7,682	91.12	136.71	90.50	(8.46, 172.55)
Hockley	12	5,596	214.42	135.48	214.92	(118.36, 311.48)
Hood	Less than 5					
Hopkins	Less than 5					
Houston	10	4,248	235.38	137.90	231.77**	(121.93, 341.61)
Howard	35	6,986	500.97	137.79	493.70**	(408.00, 579.39)
Hudspeth	Less than 5					
Hunt	7	19,514	35.87	135.96	35.82*	(0.00, 87.44)
Hutchinson	11	4,871	225.81	137.11	223.64**	(120.76, 326.52)
Irion	Less than 5					
Jack	Less than 5					
Jackson	7	3,050	229.48	139.63	223.17	(94.34, 352.00)
Jasper	7	7,540	92.84	137.62	91.60	(9.06, 174.14)
Jeff Davis	Less than 5					

## Texas Health Care Information Collection

### Pediatric Asthma Admission Rate, 2011

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
Jefferson	94	52,466	179.16	135.97	178.93**	(147.45, 210.41)
Jim Hogg	Less than 5					
Jim Wells	14	10,325	135.59	137.73	133.68	(63.17, 204.18)
Johnson	16	37,122	43.10	136.37	42.92*	(5.55, 80.29)
Jones	Less than 5					
Karnes	6	2,603	230.47	137.90	226.94	(86.62, 367.27)
Kaufman	48	27,324	175.67	136.82	174.35**	(130.87, 217.84)
Kendall	6	7,398	81.10	127.26	86.54	(0.00, 173.20)
Kenedy	Less than 5					
Kent	Less than 5					
Kerr	6	9,129	65.72	133.06	67.07	(0.00, 143.36)
Kimble	Less than 5					
King	Less than 5					
Kinney	Less than 5					
Kleberg	22	7,387	297.82	136.74	295.74**	(212.09, 379.40)
Knox	Less than 5					
Lamar	18	10,830	166.21	132.57	170.25	(100.08, 240.42)
Lamb	Less than 5					
Lampasas	5	4,381	114.12	132.78	116.70	(6.47, 226.93)
La Salle	5	1,363	366.84	134.70	369.81**	(173.58, 566.04)
Lavaca	6	3,847	155.98	139.48	151.85	(37.07, 266.64)
Lee	Less than 5					
Leon	Less than 5					
Liberty	18	17,198	104.66	134.54	105.64	(50.36, 160.91)
Limestone	Less than 5					
Lipscomb	Less than 5					
Live Oak	Less than 5					
Llano	Less than 5					
Loving	Less than 5					
Lubbock	120	62,429	192.22	135.84	192.14**	(163.27, 221.02)
Lynn	Less than 5					
McCulloch	Less than 5					
McLennan	116	54,672	212.18	133.97	215.05**	(183.99, 246.12)
McMullen	Less than 5					
Madison	Less than 5					
Marion	Less than 5					
Martin	5	1,221	409.37	137.26	404.97**	(199.63, 610.31)
Mason	Less than 5					
Matagorda	5	8,204	60.95	136.00	60.85	(0.00, 140.45)
Maverick	19	16,073	118.21	133.96	119.82	(62.52, 177.12)
Medina	9	10,770	83.57	132.18	85.85	(15.38, 156.32)

## Texas Health Care Information Collection

### Pediatric Asthma Admission Rate, 2011

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
Menard	Less than 5					
Midland	35	32,971	106.16	140.52	102.58	(63.52, 141.64)
Milam	Less than 5					
Mills	Less than 5					
Mitchell	Less than 5					
Montague	Less than 5					
Montgomery	81	115,515	70.12	136.86	69.57*	(48.43, 90.72)
Moore	Less than 5					
Morris	Less than 5					
Motley	Less than 5					
Nacogdoches	11	14,825	74.20	131.16	76.82	(16.52, 137.12)
Navarro	16	11,633	137.54	136.71	136.61	(69.94, 203.28)
Newton	Less than 5					
Nolan	5	3,346	149.43	140.43	144.50	(21.84, 267.15)
Nueces	167	77,949	214.24	136.95	212.43**	(186.69, 238.16)
Ochiltree	Less than 5					
Oldham	Less than 5					
Orange	32	17,719	180.60	134.85	181.86**	(127.46, 236.25)
Palo Pinto	8	6,182	129.41	137.63	127.68	(36.53, 218.84)
Panola	Less than 5					
Parker	12	27,577	43.51	131.89	44.80*	(0.71, 88.89)
Parmer	Less than 5					
Pecos	Less than 5					
Polk	7	8,427	83.07	137.25	82.18	(4.00, 160.36)
Potter	89	29,492	301.77	144.38	283.82**	(243.07, 324.56)
Presidio	Less than 5					
Rains	Less than 5					
Randall	48	27,133	176.90	135.21	177.66**	(133.76, 221.55)
Reagan	Less than 5					
Real	Less than 5					
Red River	9	2,369	379.94	134.44	383.75**	(234.76, 532.74)
Reeves	Less than 5					
Refugio	Less than 5					
Roberts	Less than 5					
Robertson	Less than 5					
Rockwall	18	22,244	80.92	135.56	81.06	(32.64, 129.48)
Runnels	Less than 5					
Rusk	8	10,946	73.08	137.36	72.25	(3.68, 140.82)
Sabine	Less than 5					
San Augustine	Less than 5					
San Jacinto	Less than 5					

## Texas Health Care Information Collection

### Pediatric Asthma Admission Rate, 2011

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
San Patricio	27	16,002	168.73	136.28	168.13	(111.19, 225.06)
San Saba	Less than 5					
Schleicher	Less than 5					
Scurry	Less than 5					
Shackelford	Less than 5					
Shelby	7	5,983	116.99	140.47	113.09	(21.38, 204.80)
Sherman	Less than 5					
Smith	67	49,046	136.61	136.72	135.67	(103.20, 168.14)
Somervell	Less than 5					
Starr	26	18,421	141.14	135.42	141.52	(88.29, 194.76)
Stephens	Less than 5					
Sterling	Less than 5					
Stonewall	Less than 5					
Sutton	Less than 5					
Swisher	Less than 5					
Tarrant	296	456,047	64.91	139.69	63.09*	(52.56, 73.63)
Taylor	76	28,553	266.17	139.71	258.70**	(216.60, 300.79)
Terrell	Less than 5					
Terry	Less than 5					
Throckmorton	Less than 5					
Titus	Less than 5					
Tom Green	44	23,451	187.63	137.38	185.45**	(138.61, 232.29)
Travis	338	222,667	151.80	142.68	144.46**	(129.55, 159.38)
Trinity	5	2,744	182.20	135.01	183.26	(45.12, 321.39)
Tyler	Less than 5					
Upshur	Less than 5					
Upton	Less than 5					
Uvalde	6	6,790	88.37	134.93	88.93	(1.09, 176.77)
Val Verde	Less than 5					
Van Zandt	12	11,459	104.72	133.07	106.86	(38.77, 174.95)
Victoria	36	19,998	180.02	139.23	175.58**	(125.19, 225.96)
Walker	12	11,112	107.99	125.37	116.97	(45.73, 188.21)
Waller	Less than 5					
Ward	Less than 5					
Washington	Less than 5					
Webb	88	79,828	110.24	139.57	107.25	(82.06, 132.44)
Wharton	Less than 5					
Wheeler	Less than 5					
Wichita	50	27,822	179.71	135.23	180.45**	(137.11, 223.80)
Wilbarger	5	2,962	168.80	139.87	163.88	(33.25, 294.50)
Willacy	6	5,293	113.35	135.11	113.92	(14.50, 213.34)

**Texas Health Care Information Collection**  
***Pediatric Asthma Admission Rate, 2011***

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
Williamson	109	110,726	98.44	140.92	94.86*	(73.57, 116.14)
Wilson	6	10,439	57.48	131.32	59.43	(0.00, 131.24)
Winkler	Less than 5					
Wise	12	14,113	85.03	134.15	86.07	(24.96, 147.18)
Wood	Less than 5					
Yoakum	Less than 5					
Young	Less than 5					
Zapata	Less than 5					
Zavala	Less than 5					