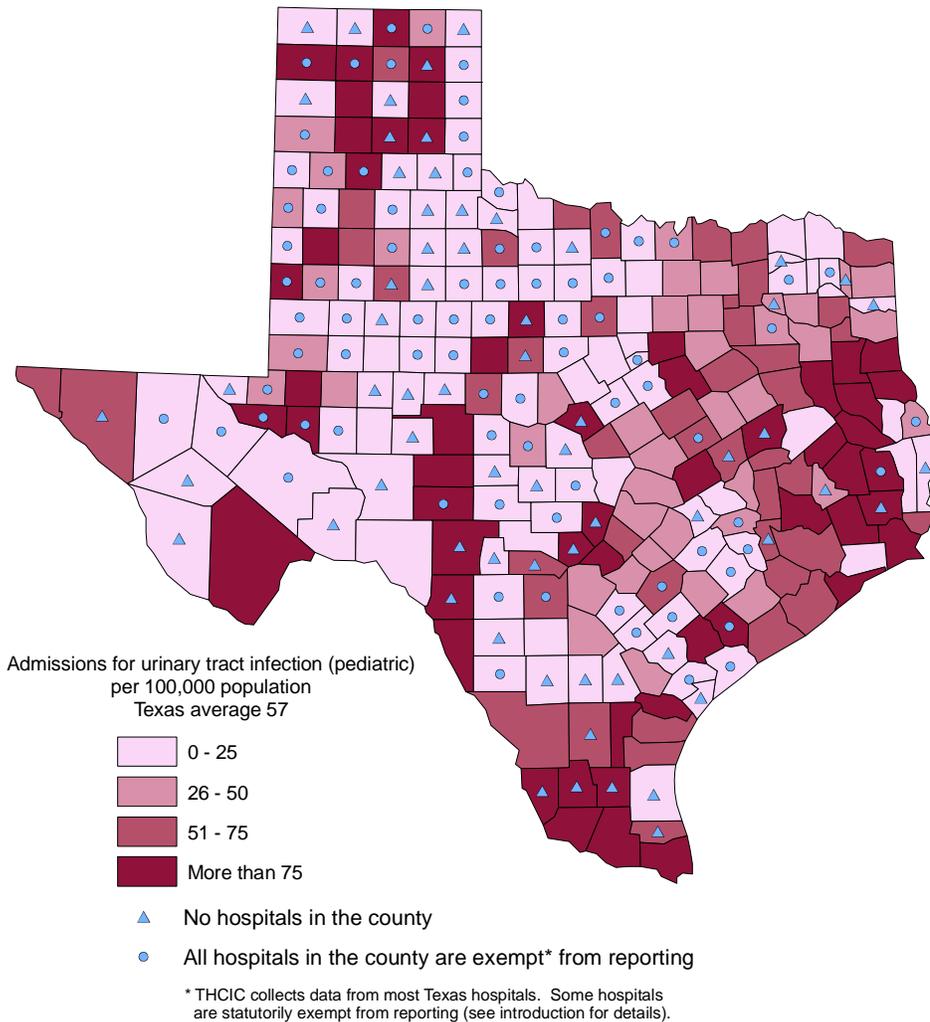


# Pediatric Urinary Tract Infection

Urinary tract infection (UTI) is usually caused when bacteria enter the bladder and cause inflammation and infection. It is a very common condition, with older adults at highest risk. Left untreated, an infection has the potential to cause more serious, even life-threatening difficulties and permanent damage to the urinary tract. In most cases, an uncomplicated UTI can be treated with proper antibiotics in outpatient settings.



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

## Pediatric Urinary Tract Infection, 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	95% Confidence Interval for Risk-Adjusted Admissions
State Total	4,290	6,232,736	68.83	57.05	
Anderson	8	11,241	71.17	61.65	(149.2, 237.2)
Andrews	Less than 5				(2.4, 91.3)
Angelina	30	21,846	137.32	119.19 **	(229.3, 315.3)
Aransas	Less than 5				(71.1, 180.6)
Archer	Less than 5				(15.7, 163.2)
Armstrong	Less than 5				
Atascosa	7	12,346	56.70	34.64	(174.6, 285.4)
Austin	Less than 5				(43.8, 132.4)
Bailey	Less than 5				
Bandera	Less than 5				(57.6, 172.1)
Bastrop	6	18,051	33.24	36.69	(118.7, 191.6)
Baylor	Less than 5				
Bee	5	6,849	73.00	45.00	(185.7, 316.0)
Bell	28	78,991	35.45	30.16 *	(109.3, 142.8)
Bexar	225	417,335	53.91	46.62 *	(148.9, 164.3)
Blanco	Less than 5				
Borden	Less than 5				
Bosque	Less than 5				(0.0, 0.0)
Bowie	12	21,448	55.95	50.00	(197.8, 273.5)
Brazoria	52	75,422	68.95	69.36	(152.9, 191.1)
Brazos	16	32,504	49.23	44.06	(111.4, 154.6)
Brewster	Less than 5				(147.5, 406.7)
Briscoe	Less than 5				(0.0, 0.0)
Brooks	5	2,267	220.54	128.64 **	(373.7, 775.1)
Brown	5	9,348	53.49	32.73	(211.2, 336.8)
Burleson	Less than 5				(67.1, 198.3)
Burnet	Less than 5				(51.6, 123.6)
Caldwell	Less than 5				(282.4, 431.4)
Calhoun	Less than 5				
Callahan	Less than 5				(7.8, 106.9)
Cameron	182	126,249	144.16	80.44 **	(268.9, 311.3)
Camp	Less than 5				(80.9, 259.7)
Carson	Less than 5				
Cass	Less than 5				(1.0, 39.3)
Castro	Less than 5				
Chambers	Less than 5				(208.6, 359.5)
Cherokee	11	12,520	87.86	76.03	(139.0, 231.3)

\* Risk adjusted admission rate is significantly LOWER (based on 95% confidence interval) than Texas average.

\*\* Risk adjusted admission rate is significantly HIGHER (based on 95% confidence interval) than Texas average.

Pediatric Urinary Tract Infection, page 3

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	95% Confidence Interval for Risk-Adjusted Admissions
State Total	4,290	6,232,736	68.83	57.05	
Childress	Less than 5				
Clay	Less than 5				
Cochran	Less than 5				
Coke	Less than 5				(0.0, 204.7)
Coleman	Less than 5				(0.0, 0.0)
Collin	71	179,214	39.62	48.61	(112.2, 134.0)
Collingsworth	Less than 5				
Colorado	Less than 5				(0.0, 29.5)
Comal	20	22,512	88.84	91.05 **	(89.7, 144.5)
Comanche	Less than 5				(57.4, 202.0)
Concho	Less than 5				(26.5, 355.6)
Cooke	5	9,911	50.45	48.80	(39.6, 104.3)
Coryell	5	19,244	25.98	29.35	(95.8, 156.7)
Cottle	Less than 5				(0.0, 0.0)
Crane	Less than 5				(0.0, 42.8)
Crockett	Less than 5				
Crosby	Less than 5				(0.0, 113.8)
Culberson	Less than 5				
Dallam	Less than 5				
Dallas	291	646,334	45.02	37.65 *	(142.0, 153.9)
Dawson	Less than 5				(12.6, 106.8)
Deaf Smith	Less than 5				(0.2, 60.2)
Delta	Less than 5				(54.9, 337.8)
Denton	59	147,153	40.09	47.47	(142.1, 168.4)
DeWitt	Less than 5				(1.9, 60.1)
Dickens	Less than 5				
Dimmit	Less than 5				(15.0, 146.6)
Donley	Less than 5				(0.0, 168.5)
Duval	Less than 5				(266.9, 526.8)
Eastland	Less than 5				(0.0, 21.2)
Ector	56	36,656	152.77	89.12 **	(144.6, 200.2)
Edwards	Less than 5				
Ellis	16	36,261	44.13	45.16	(111.4, 161.3)
El Paso	275	222,973	123.33	70.71 **	(191.8, 217.1)
Erath	Less than 5				(98.6, 197.5)
Falls	5	4,605	108.57	73.02	(0.0, 0.0)
Fannin	Less than 5				(327.5, 495.9)
Fayette	Less than 5				

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Pediatric Urinary Tract Infection, page 4

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	95% Confidence Interval for Risk-Adjusted Admissions
State Total	4,290	6,232,736	68.83	57.05	
Fisher	Less than 5				
Floyd	Less than 5				(0.0, 118.6)
Foard	Less than 5				(0.0, 0.0)
Fort Bend	58	126,369	45.90	57.85	(113.8, 140.2)
Franklin	Less than 5				(228.1, 517.8)
Freestone	Less than 5				(150.9, 316.6)
Frio	Less than 5				(158.5, 341.9)
Gaines	Less than 5				(20.8, 127.1)
Galveston	107	70,391	152.01	165.21 **	(209.2, 253.1)
Garza	Less than 5				(36.2, 313.3)
Gillespie	Less than 5				
Glasscock	Less than 5				
Goliad	Less than 5				(76.2, 325.2)
Gonzales	5	5,196	96.23	54.65	(5.8, 73.7)
Gray	6	4,893	122.61	117.87 **	(132.8, 274.8)
Grayson	16	28,164	56.81	53.33	(225.9, 296.7)
Gregg	25	30,289	82.54	70.54	(178.7, 242.4)
Grimes	Less than 5				(266.5, 443.4)
Guadalupe	10	26,076	38.35	43.71	(90.1, 142.0)
Hale	10	10,689	93.56	54.70	(99.5, 194.1)
Hall	Less than 5				(0.0, 0.0)
Hamilton	Less than 5				(0.0, 85.5)
Hansford	Less than 5				
Hardeman	Less than 5				
Hardin	14	12,601	111.11	131.17 **	(211.5, 320.4)
Harris	721	1,050,355	68.64	58.29	(181.8, 192.5)
Harrison	8	15,760	50.76	45.51	(81.7, 144.6)
Hartley	Less than 5				
Haskell	Less than 5				
Hays	16	28,069	57.00	56.67	(102.1, 152.6)
Hemphill	Less than 5				
Henderson	11	18,446	59.63	54.79	(84.3, 141.4)
Hidalgo	359	234,965	152.79	84.95 **	(215.1, 243.7)
Hill	8	8,612	92.90	80.61	(186.2, 313.5)
Hockley	11	6,132	179.39	158.60 **	(163.6, 314.9)
Hood	Less than 5				(71.8, 145.1)
Hopkins	Less than 5				(3.8, 44.1)
Houston	Less than 5				(188.2, 346.8)

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Pediatric Urinary Tract Infection, page 5

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	95% Confidence Interval for Risk-Adjusted Admissions
State Total	4,290	6,232,736	68.83	57.05	
Howard	Less than 5				(93.6, 190.3)
Hudspeth	Less than 5				
Hunt	12	20,470	58.62	52.16	(167.6, 242.8)
Hutchinson	Less than 5				(22.3, 97.7)
Irion	Less than 5				
Jack	Less than 5				
Jackson	Less than 5				(75.9, 228.1)
Jasper	Less than 5				(146.9, 258.1)
Jeff Davis	Less than 5				
Jefferson	62	61,430	100.93	89.12 **	(250.2, 299.4)
Jim Hogg	Less than 5				(62.9, 362.7)
Jim Wells	19	11,631	163.36	102.05 **	(347.7, 499.8)
Johnson	29	38,109	76.10	88.44 **	(171.3, 227.9)
Jones	Less than 5				(13.2, 86.6)
Karnes	Less than 5				(8.2, 93.0)
Kaufman	11	23,390	47.03	53.66	(163.6, 238.7)
Kendall	Less than 5				(43.0, 129.1)
Kenedy	Less than 5				
Kent	Less than 5				(0.0, 0.0)
Kerr	Less than 5				(45.6, 106.5)
Kimble	Less than 5				(0.0, 0.0)
King	Less than 5				(0.0, 137.3)
Kinney	Less than 5				
Kleberg	10	7,951	125.77	74.21	(365.7, 544.1)
Knox	Less than 5				
Lamar	Less than 5				(154.4, 249.2)
Lamb	Less than 5				(34.8, 153.2)
Lampasas	Less than 5				(267.9, 475.3)
La Salle	Less than 5				(273.5, 698.0)
Lavaca	Less than 5				(54.7, 168.2)
Lee	Less than 5				(5.3, 81.8)
Leon	Less than 5				(154.3, 338.4)
Liberty	31	19,435	159.51	141.55 **	(211.5, 298.4)
Limestone	Less than 5				(132.0, 273.0)
Lipscomb	Less than 5				(0.0, 0.0)
Live Oak	Less than 5				(52.6, 206.1)
Llano	Less than 5				(0.0, 0.0)
Loving	Less than 5				(0.0, 0.0)

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Pediatric Urinary Tract Infection, page 6

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	95% Confidence Interval for Risk-Adjusted Admissions
State Total	4,290	6,232,736	68.83	57.05	
Lubbock	40	62,348	64.16	54.55	(134.7, 171.5)
Lynn	Less than 5				(3.1, 182.1)
McCulloch	Less than 5				(0.0, 62.2)
McLennan	48	57,605	83.33	72.69	(102.4, 137.1)
McMullen	Less than 5				(0.0, 1132.0)
Madison	Less than 5				(38.2, 170.0)
Marion	Less than 5				(18.3, 145.5)
Martin	Less than 5				
Mason	Less than 5				(0.0, 0.0)
Matagorda	7	10,502	66.65	61.01	(161.1, 272.8)
Maverick	26	17,670	147.14	87.16 **	(306.8, 435.9)
Medina	7	11,099	63.07	57.87	(77.0, 155.9)
Menard	Less than 5				
Midland	13	33,687	38.59	34.00 *	(85.3, 130.1)
Milam	12	6,562	182.87	165.22 **	(81.1, 190.3)
Mills	Less than 5				(0.0, 50.9)
Mitchell	Less than 5				
Montague	Less than 5				(0.0, 0.0)
Montgomery	83	100,621	82.49	85.65 **	(166.1, 201.0)
Moore	6	6,691	89.67	96.95	(17.4, 95.2)
Morris	Less than 5				(34.2, 161.4)
Motley	Less than 5				
Nacogdoches	13	14,159	91.81	78.45	(195.3, 289.7)
Navarro	10	12,726	78.58	70.58	(151.5, 248.1)
Newton	Less than 5				(77.8, 227.2)
Nolan	Less than 5				(4.2, 84.1)
Nueces	91	86,253	105.50	62.26	(171.9, 208.3)
Ochiltree	Less than 5				
Oldham	Less than 5				
Orange	16	21,360	74.91	68.57	(211.2, 292.0)
Palo Pinto	Less than 5				(0.0, 12.8)
Panola	12	5,438	220.65	210.40 **	(168.3, 321.7)
Parker	Less than 5				(96.3, 149.6)
Parmer	Less than 5				
Pecos	Less than 5				(252.8, 472.3)
Polk	15	9,865	152.06	93.70 **	(158.0, 259.3)
Potter	49	33,915	144.48	81.62 **	(138.8, 194.8)
Presidio	Less than 5				(120.6, 390.1)

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Pediatric Urinary Tract Infection, page 7

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	95% Confidence Interval for Risk-Adjusted Admissions
State Total	4,290	6,232,736	68.83	57.05	
Rains	Less than 5				(50.8, 221.3)
Randall	25	26,742	93.49	116.24 **	(90.8, 139.3)
Reagan	Less than 5				
Real	Less than 5				
Red River	Less than 5				(433.3, 735.4)
Reeves	Less than 5				(14.0, 123.9)
Refugio	Less than 5				(16.3, 185.2)
Roberts	Less than 5				
Robertson	Less than 5				(153.7, 336.3)
Rockwall	9	16,517	54.49	67.85	(76.9, 146.2)
Runnels	Less than 5				(22.4, 154.2)
Rusk	9	10,988	81.91	78.59	(386.9, 532.0)
Sabine	Less than 5				(33.9, 186.2)
San Augustine	Less than 5				(274.5, 601.8)
San Jacinto	Less than 5				(180.9, 336.9)
San Patricio	30	20,140	148.96	132.50 **	(222.5, 315.9)
San Saba	Less than 5				(0.0, 158.2)
Schleicher	Less than 5				
Scurry	Less than 5				(0.0, 45.5)
Shackelford	Less than 5				(0.0, 290.6)
Shelby	8	6,785	117.90	102.59	(261.7, 434.5)
Sherman	Less than 5				
Smith	21	48,710	43.11	39.78	(162.1, 209.4)
Somervell	Less than 5				
Starr	46	21,892	210.12	116.65 **	(235.3, 340.6)
Stephens	Less than 5				
Sterling	Less than 5				
Stonewall	Less than 5				(0.0, 0.0)
Sutton	Less than 5				
Swisher	Less than 5				(0.0, 110.4)
Tarrant	111	447,406	24.81	26.23 *	(141.3, 155.9)
Taylor	32	32,507	98.44	83.11 **	(103.0, 150.0)
Terrell	Less than 5				(0.0, 1006.8)
Terry	Less than 5				(3.5, 95.9)
Throckmorton	Less than 5				
Titus	Less than 5				(7.1, 56.6)
Tom Green	32	25,900	123.55	106.97 **	(185.7, 254.0)
Travis	86	214,600	40.07	40.91 *	(128.1, 146.9)

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Pediatric Urinary Tract Infection, page 8

County	Admissions	Population	Observed Admissions per 100,000 Population	Risk-Adjusted Admissions per 100,000 Population	95% Confidence Interval for Risk-Adjusted Admissions
State Total	4,290	6,232,736	68.83	57.05	
Trinity	6	3,085	194.49	119.29 **	(220.5, 448.1)
Tyler	5	4,420	113.13	101.35	(60.8, 171.5)
Upshur	6	9,175	65.40	59.33	(148.6, 259.1)
Upton	Less than 5				
Uvalde	Less than 5				(0.0, 32.6)
Val Verde	6	14,468	41.47	23.98 *	(43.3, 102.2)
Van Zandt	Less than 5				(88.8, 162.9)
Victoria	45	23,481	191.64	167.41 **	(193.0, 270.2)
Walker	8	10,551	75.82	67.32	(170.3, 256.7)
Waller	6	8,545	70.22	59.76	(145.0, 258.8)
Ward	Less than 5				
Washington	Less than 5				(0.0, 0.0)
Webb	104	81,844	127.07	69.28 **	(196.0, 244.1)
Wharton	Less than 5				(167.1, 275.2)
Wheeler	Less than 5				
Wichita	18	31,291	57.53	53.36	(140.2, 193.1)
Wilbarger	Less than 5				(0.0, 17.6)
Willacy	6	6,142	97.69	55.92	(229.5, 417.4)
Williamson	29	92,496	31.35	37.77 *	(109.8, 140.6)
Wilson	Less than 5				(63.0, 144.0)
Winkler	Less than 5				(7.8, 180.7)
Wise	Less than 5				(26.7, 71.8)
Wood	Less than 5				(137.3, 241.6)
Yoakum	Less than 5				
Young	Less than 5				
Zapata	6	4,297	139.62	79.31	(63.2, 218.4)
Zavala	Less than 5				

Source: Department of State Health Services, Center for Health Statistics, Texas Health Care Information Collection. *Texas Inpatient Hospital Discharge Data, 2005.*

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 \*\* Risk adjusted admission rate is significantly HIGHER (based on 95% confidence interval) than Texas average.