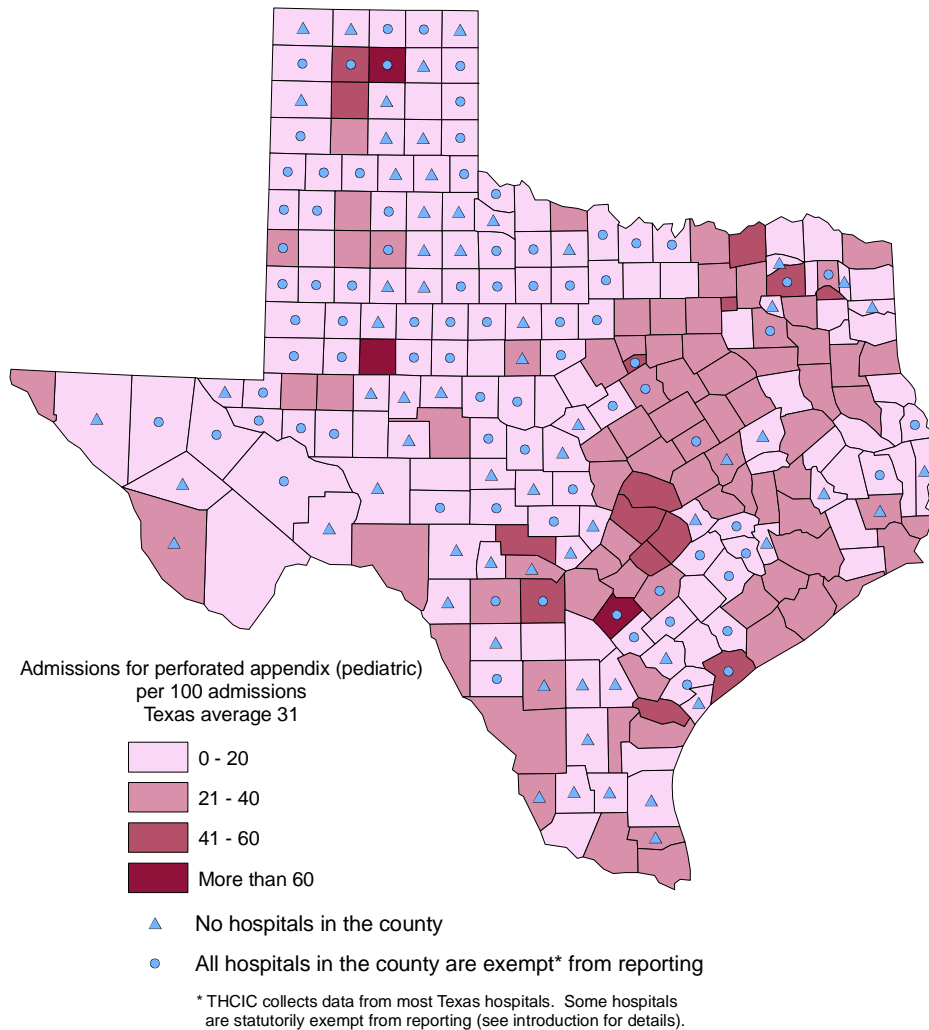


Pediatric Perforated Appendix

The inside of the appendix forms a *cul-de-sac* that usually opens into the large intestine. When the inside of the appendix is blocked—by a piece of stool, a foreign body that was swallowed, or the swelling from an infection—the appendix becomes swollen and easily infected by bacteria. If the infected appendix is not removed, an abscess may form and eventually burst or perforate. This may happen as soon as 48 to 72 hours after symptoms begin. A perforated appendix can spread its infection throughout the abdomen and thus become life threatening. Problems in access to ambulatory care and misdiagnosis are among the factors that lead to this complication.



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

Pediatric Perforated Appendix, page 2

Includes data from most Texas hospitals. Some hospitals are statutorily exempt from reporting to THCIC.

County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State Total	2,121	6,476	32.75	30.84	
Anderson	Less than 5				
Andrews	Less than 5				
Angelina	Less than 5				
Aransas	Less than 5				
Archer	Less than 5				
Armstrong	Less than 5				
Atascosa	Less than 5				
Austin	Less than 5				
Bailey	Less than 5				
Bandera	Less than 5				
Bastrop	6	14	42.86	40.39	(17.6, 63.2)
Baylor	Less than 5				
Bee	6	20	30.00	28.01	(8.8, 47.2)
Bell	22	69	31.88	32.92	(21.9, 43.9)
Bexar	193	432	44.68	39.49 **	(35.6, 43.4)
Blanco	Less than 5				
Borden	Less than 5				
Bosque	Less than 5				
Bowie	7	21	33.33	30.08	(12.1, 48.1)
Brazoria	23	98	23.47	24.51	(15.2, 33.8)
Brazos	7	23	30.43	28.82	(10.9, 46.8)
Brewster	Less than 5				
Briscoe	Less than 5				
Brooks	Less than 5				
Brown	Less than 5				
Burleson	Less than 5				
Burnet	Less than 5				
Caldwell	Less than 5				
Calhoun	Less than 5				
Callahan	Less than 5				
Cameron	67	194	34.54	30.64	(24.8, 36.5)
Camp	Less than 5				
Carson	Less than 5				
Cass	Less than 5				
Castro	Less than 5				
Chambers	Less than 5				
Cherokee	Less than 5				

* 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 Perforated Appendix, page 3

County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State Total	2,121	6,476	32.75	30.84	
Childress	Less than 5				
Clay	Less than 5				
Cochran	Less than 5				
Coke	Less than 5				
Coleman	Less than 5				
Collin	56	173	32.37	33.10	(26.3, 39.9)
Collingsworth	Less than 5				
Colorado	Less than 5				
Comal	9	37	24.32	25.16	(10.1, 40.2)
Comanche	Less than 5				
Concho	Less than 5				
Cooke	Less than 5				
Coryell	Less than 5				
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	275	711	38.68	35.95 **	(32.8, 39.0)
Dawson	Less than 5				
Deaf Smith	Less than 5				
Delta	Less than 5				
Denton	24	129	18.60	19.69 *	(11.5, 27.8)
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	12	40	30.00	27.98	(14.5, 41.4)
Edwards	Less than 5				
Ellis	13	38	34.21	33.99	(19.6, 48.4)
El Paso	89	280	31.79	27.92	(23.1, 32.7)
Erath	Less than 5				
Falls	Less than 5				
Fannin	Less than 5				
Fayette	Less than 5				

* 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 Perforated Appendix, page 4

County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State Total	2,121	6,476	32.75	30.84	
Fisher	Less than 5				
Floyd	Less than 5				
Foard	Less than 5				
Fort Bend	25	107	23.36	24.89	(15.9, 33.9)
Franklin	Less than 5				
Freestone	Less than 5				
Frio	Less than 5				
Gaines	Less than 5				
Galveston	27	87	31.03	32.54	(22.7, 42.4)
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	8	40	20.00	21.25	(6.4, 36.0)
Gregg	7	35	20.00	17.85	(4.1, 31.6)
Grimes	Less than 5				
Guadalupe	9	25	36.00	37.65	(19.3, 56.0)
Hale	Less than 5				
Hall	Less than 5				
Hamilton	Less than 5				
Hansford	Less than 5				
Hardeman	Less than 5				
Hardin	Less than 5				
Harris	311	918	33.88	32.28	(29.5, 35.1)
Harrison	Less than 5				
Hartley	Less than 5				
Haskell	Less than 5				
Hays	11	32	34.38	33.36	(18.3, 48.5)
Hemphill	Less than 5				
Henderson	5	13	38.46	31.49	(10.6, 52.4)
Hidalgo	134	420	31.90	27.33	(23.5, 31.2)
Hill	Less than 5				
Hockley	Less than 5				
Hood	Less than 5				
Hopkins	Less than 5				
Houston	Less than 5				

* 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 Perforated Appendix, page 5

County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State Total	2,121	6,476	32.75	30.84	
Howard	5	7	71.43	66.21 **	(33.9, 98.5)
Hudspeth	Less than 5				
Hunt	10	24	41.67	37.16	(20.8, 53.5)
Hutchinson	Less than 5				
Irion	Less than 5				
Jack	Less than 5				
Jackson	Less than 5				
Jasper	Less than 5				
Jeff Davis	Less than 5				
Jefferson	17	58	29.31	28.18	(16.7, 39.6)
Jim Hogg	Less than 5				
Jim Wells	Less than 5				
Johnson	14	53	26.42	25.22	(13.4, 37.0)
Jones	Less than 5				
Karnes	Less than 5				
Kaufman	7	38	18.42	17.56	(3.7, 31.5)
Kendall	Less than 5				
Kenedy	Less than 5				
Kent	Less than 5				
Kerr	6	13	46.15	52.00	(24.9, 79.1)
Kimble	Less than 5				
King	Less than 5				
Kinney	Less than 5				
Kleberg	Less than 5				
Knox	Less than 5				
Lamar	Less than 5				
Lamb	Less than 5				
Lampasas	Less than 5				
La Salle	Less than 5				
Lavaca	Less than 5				
Lee	Less than 5				
Leon	Less than 5				
Liberty	Less than 5				
Limestone	Less than 5				
Lipscomb	Less than 5				
Live Oak	Less than 5				
Llano	Less than 5				
Loving	Less than 5				

* 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 Perforated Appendix, page 6

County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State Total	2,121	6,476	32.75	30.84	
Lubbock	19	62	30.65	27.94	(17.4, 38.5)
Lynn	Less than 5				
McCulloch	Less than 5				
McLennan	17	66	25.76	23.04	(13.0, 33.1)
McMullen	Less than 5				
Madison	Less than 5				
Marion	Less than 5				
Martin	Less than 5				
Mason	Less than 5				
Matagorda	Less than 5				
Maverick	10	23	43.48	37.19	(20.9, 53.5)
Medina	Less than 5				
Menard	Less than 5				
Midland	13	39	33.33	32.86	(18.7, 47.0)
Milam	Less than 5				
Mills	Less than 5				
Mitchell	Less than 5				
Montague	Less than 5				
Montgomery	21	93	22.58	23.26	(13.8, 32.7)
Moore	Less than 5				
Morris	Less than 5				
Motley	Less than 5				
Nacogdoches	Less than 5				
Navarro	Less than 5				
Newton	Less than 5				
Nolan	Less than 5				
Nueces	31	101	30.69	28.17	(19.9, 36.5)
Ochiltree	Less than 5				
Oldham	Less than 5				
Orange	5	18	27.78	31.68	(8.3, 55.0)
Palo Pinto	Less than 5				
Panola	Less than 5				
Parker	6	25	24.00	21.47	(5.0, 37.9)
Parmer	Less than 5				
Pecos	Less than 5				
Polk	Less than 5				
Potter	15	26	57.69	49.41 **	(34.2, 64.6)
Presidio	Less than 5				

* 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 Perforated Appendix, page 7

County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State Total	2,121	6,476	32.75	30.84	
Rains	Less than 5				
Randall	6	21	28.57	32.39	(10.9, 53.9)
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	Less than 5				
Rockwall	9	22	40.91	42.53	(23.2, 61.8)
Runnels	Less than 5				
Rusk	6	16	37.50	37.47	(15.3, 59.7)
Sabine	Less than 5				
San Augustine	Less than 5				
San Jacinto	Less than 5				
San Patricio	14	27	51.85	46.54	(30.7, 62.4)
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	16	53	30.19	29.20	(17.3, 41.1)
Somervell	Less than 5				
Starr	6	30	20.00	17.47	(2.8, 32.2)
Stephens	Less than 5				
Sterling	Less than 5				
Stonewall	Less than 5				
Sutton	Less than 5				
Swisher	Less than 5				
Tarrant	127	439	28.93	28.24	(24.1, 32.4)
Taylor	Less than 5				
Terrell	Less than 5				
Terry	Less than 5				
Throckmorton	Less than 5				
Titus	Less than 5				
Tom Green	10	28	35.71	29.48	(15.2, 43.8)
Travis	81	156	51.92	48.28**	(41.6, 55.0)

* 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 Perforated Appendix, page 8

County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State Total	2,121	6,476	32.75	30.84	
Trinity	Less than 5				
Tyler	Less than 5				
Upshur	Less than 5				
Upton	Less than 5				
Uvalde	Less than 5				
Val Verde	7	17	41.18	36.06	(16.5, 55.6)
Van Zandt	5	18	27.78	30.21	(7.8, 52.6)
Victoria	Less than 5				
Walker	Less than 5				
Waller	Less than 5				
Ward	Less than 5				
Washington	Less than 5				
Webb	34	121	28.10	25.35	(17.8, 32.9)
Wharton	Less than 5				
Wheeler	Less than 5				
Wichita	7	28	25.00	25.20	(8.3, 42.1)
Wilbarger	Less than 5				
Willacy	5	13	38.46	37.88	(13.1, 62.6)
Williamson	25	53	47.17	49.77 **	(37.1, 62.4)
Wilson	6	10	60.00	61.12 **	(32.2, 90.1)
Winkler	Less than 5				
Wise	Less than 5				
Wood	Less than 5				
Yoakum	Less than 5				
Young	Less than 5				
Zapata	Less than 5				
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.*

* 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.