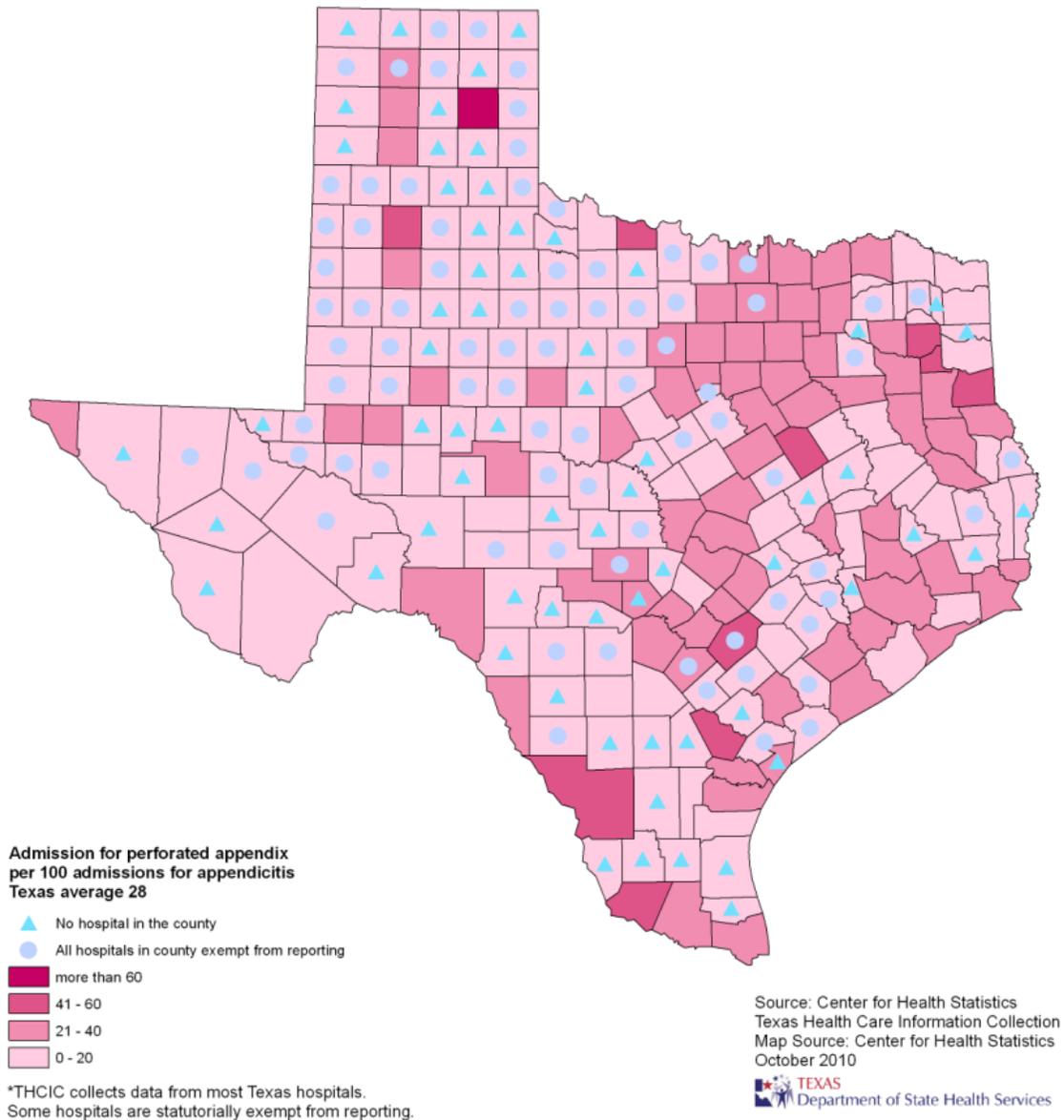


4. Perforated Appendix

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.



Texas Health Care Information Collection

Perforated Appendix Admission Rate, 2008

Rates not calculated for counties with fewer than 5 admissions

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County	Admissions	Admissions for Appendicitis	Observed Admissions per 100 Admissions for Appendicitis	Expected Admissions per 100 Admissions for Appendicitis	Risk-Adjusted Admissions per 100 Admissions for Appendicitis	95% Confidence Interval for Risk-Adjusted Admissions
State of Texas	4,304	15,802	27.24	27.95	28.10	(27.39, 28.81)
Anderson	9	52	17.31	28.44	17.63	(5.58, 29.67)
Andrews	Less than 5					
Angelina	14	56	25.00	29.89	24.23	(13.15, 35.31)
Aransas	7	18	38.89	32.62	34.54	(16.04, 53.04)
Archer	Less than 5					
Armstrong	Less than 5					
Atascosa	6	39	15.38	27.27	16.34	(1.95, 30.74)
Austin	Less than 5					
Bailey	Less than 5					
Bandera	Less than 5					
Bastrop	16	39	41.03	30.76	38.64	(25.44, 51.84)
Baylor	Less than 5					
Bee	6	14	42.86	28.08	44.22	(20.54, 67.90)
Bell	36	182	19.78	25.89	22.13	(15.24, 29.02)
Bexar	282	945	29.84	28.39	30.46	(27.63, 33.28)
Blanco	Less than 5					
Borden	Less than 5					
Bosque	Less than 5					
Bowie	12	60	20.00	29.10	19.91	(8.85, 30.97)
Brazoria	42	241	17.43	26.60	18.98*	(13.10, 24.86)
Brazos	36	100	36.00	28.07	37.15**	(28.38, 45.92)
Brewster	Less than 5					
Briscoe	Less than 5					
Brooks	Less than 5					
Brown	7	33	21.21	29.19	21.05	(6.26, 35.85)
Burleson	Less than 5					
Burnet	6	16	37.50	37.68	28.83	(11.33, 46.33)
Caldwell	6	27	22.22	28.42	22.65	(6.06, 39.24)
Calhoun	Less than 5					
Callahan	Less than 5					
Cameron	67	208	32.21	28.79	32.42	(26.48, 38.35)
Camp	Less than 5					
Carson	Less than 5					
Cass	Less than 5					

Texas Health Care Information Collection

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Castro	Less than 5					
Chambers	Less than 5					
Cherokee	12	53	22.64	29.02	22.60	(10.86, 34.35)
Childress	Less than 5					
Clay	Less than 5					
Cochran	Less than 5					
Coke	Less than 5					
Coleman	Less than 5					
Collin	126	394	31.98	28.65	32.33	(27.97, 36.70)
Collingsworth	Less than 5					
Colorado	Less than 5					
Comal	31	108	28.70	29.06	28.62	(20.41, 36.82)
Comanche	Less than 5					
Concho	Less than 5					
Cooke	10	28	35.71	31.20	33.16	(18.00, 48.32)
Coryell	8	44	18.18	27.91	18.87	(5.64, 32.11)
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	428	1,506	28.42	27.36	30.09	(27.79, 32.39)
Dawson	Less than 5					
Deaf Smith	Less than 5					
Delta	Less than 5					
Denton	119	447	26.62	26.85	28.72	(24.43, 33.02)
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	73	32.88	29.44	32.35	(22.44, 42.27)
Edwards	Less than 5					

Texas Health Care Information Collection

Perforated Appendix Admission Rate, 2008

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Ellis	27	87	31.03	26.89	33.43	(23.67, 43.19)
El Paso	150	493	30.43	28.40	31.04	(27.13, 34.94)
Erath	7	22	31.82	26.69	34.54	(15.26, 53.81)
Falls	Less than 5					
Fannin	11	25	44.00	32.51	39.21	(23.67, 54.74)
Fayette	Less than 5					
Fisher	Less than 5					
Floyd	Less than 5					
Foard	Less than 5					
Fort Bend	56	261	21.46	27.71	22.43*	(16.92, 27.94)
Franklin	Less than 5					
Freestone	Less than 5					
Frio	Less than 5					
Gaines	Less than 5					
Galveston	62	260	23.85	27.89	24.77	(19.31, 30.24)
Garza	Less than 5					
Gillespie	6	14	42.86	34.85	35.63	(15.81, 55.45)
Glasscock	Less than 5					
Goliad	Less than 5					
Gonzales	5	10	50.00	34.29	42.24	(18.13, 66.36)
Gray	5	8	62.50	29.49	61.39**	(32.03, 90.76)
Grayson	27	83	32.53	30.55	30.85	(21.85, 39.84)
Gregg	41	90	45.56	30.07	43.89**	(35.06, 52.72)
Grimes	Less than 5					
Guadalupe	13	67	19.40	27.53	20.42	(9.57, 31.27)
Hale	8	15	53.33	29.52	52.33**	(30.91, 73.76)
Hall	Less than 5					
Hamilton	Less than 5					
Hansford	Less than 5					
Hardeman	Less than 5					
Hardin	Less than 5					
Harris	645	2,594	24.87	26.89	26.79	(25.01, 28.57)
Harrison	Less than 5					
Hartley	Less than 5					
Haskell	Less than 5					

Texas Health Care Information Collection

Perforated Appendix Admission Rate, 2008

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Hays	18	123	14.63	25.95	16.34*	(7.94, 24.73)
Hemphill	Less than 5					
Henderson	13	51	25.49	28.82	25.62	(13.53, 37.72)
Hidalgo	118	442	26.70	26.42	29.27	(24.92, 33.62)
Hill	7	27	25.93	31.09	24.15	(8.40, 39.91)
Hockley	Less than 5					
Hood	12	45	26.67	32.40	23.84	(12.01, 35.67)
Hopkins	Less than 5					
Houston	Less than 5					
Howard	7	24	29.17	28.88	29.25	(11.60, 46.90)
Hudspeth	Less than 5					
Hunt	14	47	29.79	29.43	29.32	(16.96, 41.68)
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	29	140	20.71	28.63	20.96	(13.64, 28.29)
Jim Hogg	Less than 5					
Jim Wells	5	41	12.20	27.14	13.02*	(0.00, 27.09)
Johnson	38	118	32.20	29.29	31.85	(23.98, 39.72)
Jones	Less than 5					
Karnes	Less than 5					
Kaufman	18	63	28.57	28.34	29.21	(18.16, 40.26)
Kendall	5	15	33.33	34.24	28.21	(8.76, 47.65)
Kenedy	Less than 5					
Kent	Less than 5					
Kerr	13	35	37.14	31.62	34.03	(20.46, 47.60)
Kimble	Less than 5					
King	Less than 5					
Kinney	Less than 5					
Kleberg	Less than 5					
Knox	Less than 5					
Lamar	7	32	21.88	27.29	23.22	(7.41, 39.04)

Texas Health Care Information Collection

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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	12	48	25.00	25.96	27.90	(14.44, 41.35)
Limestone	6	16	37.50	22.19	48.97	(22.99, 74.95)
Lipscomb	Less than 5					
Live Oak	Less than 5					
Llano	Less than 5					
Loving	Less than 5					
Lubbock	59	162	36.42	27.88	37.84**	(30.92, 44.76)
Lynn	Less than 5					
McCulloch	Less than 5					
McLennan	39	134	29.10	29.61	28.48	(21.22, 35.73)
McMullen	Less than 5					
Madison	Less than 5					
Marion	Less than 5					
Martin	Less than 5					
Mason	Less than 5					
Matagorda	7	31	22.58	32.35	20.22	(5.96, 34.48)
Maverick	6	26	23.08	28.60	23.37	(6.56, 40.19)
Medina	Less than 5					
Menard	Less than 5					
Midland	21	74	28.38	28.20	29.15	(18.96, 39.35)
Milam	Less than 5					
Mills	Less than 5					
Mitchell	Less than 5					
Montague	Less than 5					
Montgomery	60	287	20.91	27.93	21.68*	(16.47, 26.89)
Moore	6	26	23.08	23.55	28.38	(8.81, 47.96)
Morris	Less than 5					
Motley	Less than 5					
Nacogdoches	14	48	29.17	28.60	29.54	(17.09, 41.99)

Texas Health Care Information Collection

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Navarro	7	25	28.00	32.35	25.08	(9.16, 40.99)
Newton	Less than 5					
Nolan	Less than 5					
Nueces	72	249	28.92	29.68	28.22	(22.88, 33.56)
Ochiltree	Less than 5					
Oldham	Less than 5					
Orange	15	56	26.79	30.68	25.29	(14.32, 36.26)
Palo Pinto	7	22	31.82	27.96	32.97	(14.20, 51.74)
Panola	9	21	42.86	27.61	44.96	(25.63, 64.30)
Parker	26	79	32.91	29.51	32.31	(22.79, 41.83)
Parmer	Less than 5					
Pecos	Less than 5					
Polk	Less than 5					
Potter	20	76	26.32	26.88	28.37	(17.92, 38.81)
Presidio	Less than 5					
Rains	Less than 5					
Randall	39	104	37.50	29.20	37.20**	(28.84, 45.57)
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	12	60	20.00	27.73	20.90	(9.42, 32.37)
Runnels	Less than 5					
Rusk	11	31	35.48	31.22	32.93	(18.48, 47.37)
Sabine	Less than 5					
San Augustine	Less than 5					
San Jacinto	Less than 5					
San Patricio	18	48	37.50	29.79	36.47	(24.37, 48.57)
San Saba	Less than 5					
Schleicher	Less than 5					
Scurry	Less than 5					
Shackelford	Less than 5					

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Shelby	7	20	35.00	29.80	34.02	(15.26, 52.79)
Sherman	Less than 5					
Smith	49	156	31.41	30.02	30.32	(23.67, 36.97)
Somervell	Less than 5					
Starr	8	20	40.00	28.34	40.89	(21.52, 60.25)
Stephens	Less than 5					
Sterling	Less than 5					
Stonewall	Less than 5					
Sutton	Less than 5					
Swisher	Less than 5					
Tarrant	278	1,165	23.86	27.78	24.88*	(22.29, 27.47)
Taylor	37	100	37.00	28.63	37.44**	(28.80, 46.09)
Terrell	Less than 5					
Terry	Less than 5					
Throckmorton	Less than 5					
Titus	Less than 5					
Tom Green	18	74	24.32	28.84	24.43	(14.43, 34.43)
Travis	166	615	26.99	26.34	29.69	(25.98, 33.40)
Trinity	Less than 5					
Tyler	Less than 5					
Upshur	16	29	55.17	34.72	46.04**	(32.20, 59.88)
Upton	Less than 5					
Uvalde	Less than 5					
Val Verde	11	33	33.33	28.14	34.32	(19.00, 49.64)
Van Zandt	Less than 5					
Victoria	17	83	20.48	29.25	20.28	(11.03, 29.54)
Walker	14	40	35.00	28.11	36.07	(22.16, 49.98)
Waller	Less than 5					
Ward	Less than 5					
Washington	Less than 5					
Webb	60	160	37.50	26.11	41.61**	(34.29, 48.93)
Wharton	8	39	20.51	24.79	23.97	(8.58, 39.36)
Wheeler	Less than 5					
Wichita	34	74	45.95	31.60	42.13**	(32.74, 51.51)
Wilbarger	Less than 5					

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Willacy	Less than 5					
Williamson	64	238	26.89	27.61	28.22	(22.44, 34.00)
Wilson	7	30	23.33	27.77	24.35	(8.15, 40.54)
Winkler	Less than 5					
Wise	10	38	26.32	29.12	26.18	(12.32, 40.05)
Wood	15	41	36.59	33.80	31.35	(19.64, 43.07)
Yoakum	Less than 5					
Young	Less than 5					
Zapata	Less than 5					
Zavala	Less than 5					