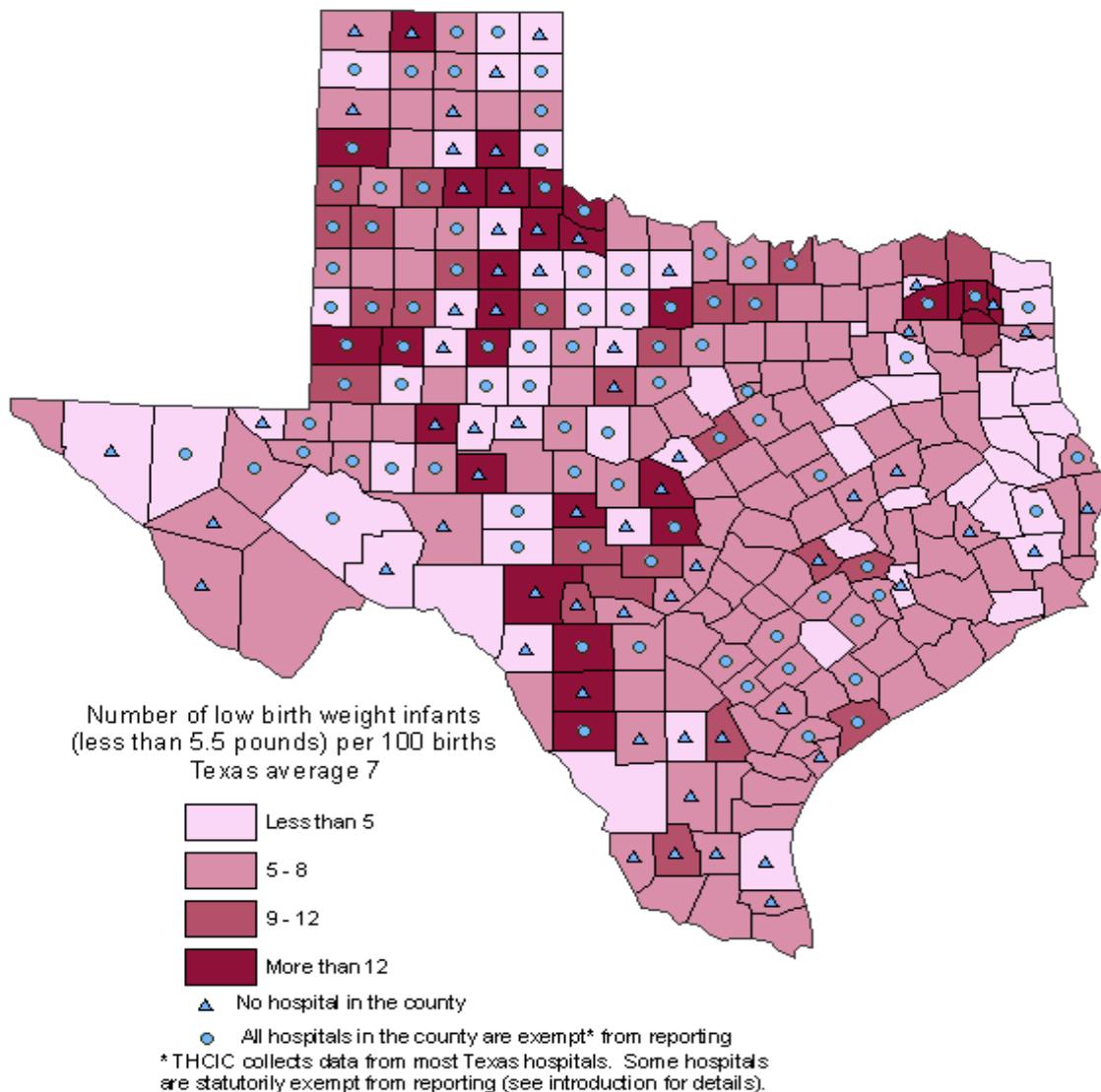


## 6. Low Birth Weight

Average birth weight after a normal pregnancy is 7 ½ pounds (3400g). “Low birth weight” (LBW) means birth weight less than 5 ½ pounds (2500g). Birth weight is the single most important factor affecting death in newborns and a significant determining factor in infant deaths between 1 and 12 months of age. In the past decade, new cases of LBW and very low birth weight (less than 3 lbs. 4 oz. or 1,500 grams) have increased in the United States. LBW is associated with long-term disabilities such as cerebral palsy, mental retardation, vision and hearing impairments, and other developmental disabilities. The general category of LBW infants includes both those born too early (pre-term infants) and those who are born at full term but who are too small. Nutritional status and behavioral risk factors of pregnant women are associated with birth outcome (including LBW). Preconception screening and counseling in addition to high-quality prenatal care can help prevent poor birth outcomes by identifying women who are at particular high risk and taking steps to lower that risk.



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

## 6. Low Birth Weight, page 2

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

County	Low Birth Weight Infants	All Births	Observed Number of Low Birth Weight Infants per 100 Births	Risk-Adjusted Number of Low Birth Weight Infants per 100 Births	99% Confidence Interval for Risk-Adjusted Admissions
State Total	20,052	355,806	5.6	5.6	
Anderson	32	615	5.2	5.2	(3.1, 7.3)
Andrews	6	55	10.9	10.9	(1.1, 20.7)
Angelina	49	1,252	3.9	3.9*	(2.6, 5.2)
Aransas	12	213	5.6	5.6	(1.9, 9.3)
Archer	Less than 5	74			
Armstrong	0	18	0.0	0.0*	(0.0, 1.0)
Atascosa	33	573	5.8	5.8	(3.5, 8.0)
Austin	14	302	4.6	4.6	(1.8, 7.5)
Bailey	5	42	11.9	11.9	(0.2, 23.6)
Bandera	11	182	6.0	6.0	(1.9, 10.2)
Bastrop	60	862	7.0	7.0	(4.9, 9.0)
Baylor	0	22	0.0	0.0*	(0.0, 0.8)
Bee	32	407	7.9	7.9	(4.7, 11.0)
Bell	235	3,002	7.8	7.8**	(6.7, 9.0)
Bexar	1,374	22,979	6.0	6.0	(5.6, 6.3)
Blanco	Less than 5	61			
Borden	0	1			
Bosque	6	131	4.6	4.6	(0.3, 8.9)
Bowie	49	1,094	4.5	4.5	(3.0, 5.9)
Brazoria	218	4,252	5.1	5.1	(4.3, 5.9)
Brazos	119	2,339	5.1	5.1	(4.0, 6.1)
Brewster	9	127	7.1	7.1	(1.8, 12.5)
Briscoe	Less than 5	17			
Brooks	7	143	4.9	4.9	(0.7, 9.1)
Brown	32	523	6.1	6.1	(3.7, 8.6)
Burleson	8	201	4.0	3.9	(0.7, 7.2)
Burnet	18	247	7.3	7.3	(3.4, 11.2)
Caldwell	28	528	5.3	5.3	(3.0, 7.6)
Calhoun	18	189	9.5	9.5	(4.5, 14.5)
Callahan	9	99	9.1	9.1	(2.3, 15.8)
Cameron	418	8,726	4.8	4.8*	(4.3, 5.3)
Camp	6	41	14.6	14.6	(1.7, 27.5)
Carson	Less than 5	62			
Cass	Less than 5	170			
Castro	Less than 5	67			
Chambers	7	232	3.0	3.0	(0.4, 5.7)
Cherokee	42	730	5.8	5.7	(3.7, 7.8)

\* 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.

## 6. Low Birth Weight, page 3

County	Low Birth Weight Infants	All Births	Observed Number of Low Birth Weight Infants per 100 Births	Risk-Adjusted Number of Low Birth Weight Infants per 100 Births	99% Confidence Interval for Risk-Adjusted Admissions
State Total	20,052	355,806	5.6	5.6	
Childress	Less than 5	11			
Clay	Less than 5	55			
Cochran	Less than 5	41			
Coke	Less than 5	33			
Coleman	Less than 5	50			
Collin	478	8,343	5.7	5.7	(5.1, 6.3)
Collingsworth	0	8	0.0	0.0*	(0.0, 0.0)
Colorado	8	96	8.3	8.3	(1.7, 14.9)
Comal	66	1,149	5.7	5.7	(4.1, 7.4)
Comanche	12	155	7.7	7.7	(2.7, 12.8)
Concho	Less than 5	26			
Cooke	17	187	9.1	9.1	(4.2, 14.0)
Coryell	23	451	5.1	5.1	(2.7, 7.5)
Cottle	Less than 5	12			
Crane	Less than 5	53			
Crockett	Less than 5	49			
Crosby	11	96	11.5	11.5	(3.8, 19.1)
Culberson	Less than 5	58			
Dallam	Less than 5	54			
Dallas	2,486	45,010	5.5	5.5	(5.3, 5.8)
Dawson	14	102	13.7	13.7**	(5.8, 21.7)
Deaf Smith	19	123	15.4	15.4**	(7.8, 23.1)
Delta	0	28	0.0	0.1*	(0.0, 1.1)
Denton	380	6,959	5.5	5.5	(4.8, 6.1)
DeWitt	6	86	7.0	7.0	(0.6, 13.4)
Dickens	7	30	23.3	23.3	(5.3, 41.4)
Dimmit	6	25	24.0	24.0	(4.0, 44.0)
Donley	Less than 5	23			
Duval	11	208	5.3	5.3	(1.7, 8.9)
Eastland	12	145	8.3	8.3	(2.9, 13.6)
Ector	144	2,233	6.4	6.4	(5.2, 7.7)
Edwards	Less than 5	19			
Ellis	109	1,993	5.5	5.5	(4.3, 6.7)
El Paso	734	13,006	5.6	5.6	(5.2, 6.1)
Erath	18	417	4.3	4.3	(2.0, 6.6)
Falls	15	204	7.4	7.4	(3.1, 11.6)
Fannin	22	341	6.5	6.4	(3.3, 9.5)
Fayette	7	99	7.1	7.1	(1.0, 13.1)

\* 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.

6. Low Birth Weight, page 4

County	Low Birth Weight Infants	All Births	Observed Number of Low Birth Weight Infants per 100 Births	Risk-Adjusted Number of Low Birth Weight Infants per 100 Births	99% Confidence Interval for Risk-Adjusted Admissions
State Total	20,052	355,806	5.6	5.6	
Fisher	0	12	0.0	0.0 *	(0.0, 0.0)
Floyd	6	75	8.0	8.0	(0.7, 15.3)
Foard	Less than 5	11			
Fort Bend	238	4,885	4.9	4.9 *	(4.2, 5.6)
Franklin	Less than 5	12			
Freestone	15	187	8.0	8.0	(3.4, 12.7)
Frio	6	117	5.1	5.1	(0.4, 9.9)
Gaines	11	45	24.4	24.4 **	(9.4, 39.4)
Galveston	282	4,179	6.7	6.7 **	(5.8, 7.7)
Garza	Less than 5	54			
Gillespie	5	43	11.6	11.6	(0.2, 23.1)
Glasscock	Less than 5	13			
Goliad	Less than 5	70			
Gonzales	10	142	7.0	7.0	(2.0, 12.0)
Gray	18	249	7.2	7.2	(3.4, 11.1)
Grayson	82	1,524	5.4	5.4	(4.0, 6.7)
Gregg	108	2,109	5.1	5.1	(4.0, 6.2)
Grimes	16	342	4.7	4.7	(2.0, 7.3)
Guadalupe	65	1,069	6.1	6.1	(4.4, 7.8)
Hale	36	555	6.5	6.5	(4.0, 8.9)
Hall	Less than 5	14			
Hamilton	5	51	9.8	9.8	(0.1, 19.5)
Hansford	Less than 5	17			
Hardeman	Less than 5	16			
Hardin	23	631	3.6	3.6 *	(1.9, 5.4)
Harris	3,614	66,187	5.5	5.5	(5.3, 5.7)
Harrison	27	644	4.2	4.2	(2.3, 6.0)
Hartley	0	12	0.0	0.1 *	(0.0, 2.4)
Haskell	Less than 5	48			
Hays	80	1,589	5.0	5.0	(3.7, 6.3)
Hemphill	0	36	0.0	0.0 *	(0.0, 0.3)
Henderson	34	878	3.9	3.9 *	(2.4, 5.4)
Hidalgo	799	15,375	5.2	5.2 *	(4.8, 5.6)
Hill	31	465	6.7	6.7	(4.0, 9.4)
Hockley	15	328	4.6	4.6	(1.9, 7.3)
Hood	24	466	5.2	5.2	(2.8, 7.6)
Hopkins	12	59	20.3	20.3 **	(8.1, 32.6)
Houston	15	248	6.0	6.0	(2.5, 9.6)

\* 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.

## 6. Low Birth Weight, page 5

County	Low Birth Weight Infants	All Births	Observed Number of Low Birth Weight Infants per 100 Births	Risk-Adjusted Number of Low Birth Weight Infants per 100 Births	99% Confidence Interval for Risk-Adjusted Admissions
State Total	20,052	355,806	5.6	5.6	
Howard	27	415	6.5	6.5	(3.7, 9.4)
Hudspeth	Less than 5	79			
Hunt	53	1,061	5.0	5.0	(3.4, 6.6)
Hutchinson	8	147	5.4	5.4	(1.1, 9.8)
Irion	Less than 5	17			
Jack	Less than 5	22			
Jackson	17	225	7.6	7.6	(3.4, 11.7)
Jasper	29	480	6.0	6.0	(3.5, 8.6)
Jeff Davis	Less than 5	14			
Jefferson	225	3,369	6.7	6.7**	(5.7, 7.7)
Jim Hogg	7	77	9.1	9.1	(1.4, 16.8)
Jim Wells	37	665	5.6	5.6	(3.5, 7.6)
Johnson	112	2,035	5.5	5.5	(4.3, 6.7)
Jones	12	172	7.0	7.0	(2.4, 11.5)
Karnes	8	173	4.6	4.6	(0.9, 8.4)
Kaufman	77	1,293	6.0	6.0	(4.4, 7.5)
Kendall	14	270	5.2	5.2	(2.0, 8.3)
Kenedy	0	6	0.0	0.0*	(0.0, 0.0)
Kent	Less than 5	7			
Kerr	40	431	9.3	9.3**	(6.0, 12.6)
Kimble	Less than 5	20			
King	0	0		0.0*	(0.0, 0.0)
Kinney	Less than 5	33			
Kleberg	30	524	5.7	5.7	(3.3, 8.1)
Knox	Less than 5	44			
Lamar	51	501	10.2	10.2**	(7.0, 13.3)
Lamb	20	166	12.0	12.1**	(6.1, 18.0)
Lampasas	11	209	5.3	5.3	(1.7, 8.9)
La Salle	Less than 5	66			
Lavaca	6	231	2.6	2.6*	(0.1, 5.0)
Lee	11	128	8.6	8.6	(2.8, 14.4)
Leon	11	184	6.0	6.0	(1.9, 10.0)
Liberty	72	1,184	6.1	6.1	(4.5, 7.7)
Limestone	12	288	4.2	4.2	(1.4, 6.9)
Lipscomb	0	6	0.0	0.0*	(0.0, 0.0)
Live Oak	10	103	9.7	9.7	(2.9, 16.5)
Llano	7	42	16.7	16.7	(3.2, 30.1)
Loving	0	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.

6. Low Birth Weight, page 6

County	Low Birth Weight Infants	All Births	Observed Number of Low Birth Weight Infants per 100 Births	Risk-Adjusted Number of Low Birth Weight Infants per 100 Births	99% Confidence Interval for Risk-Adjusted Admissions
State Total	20,052	355,806	5.6	5.6	
Lubbock	275	3,845	7.2	7.2**	(6.2, 8.1)
Lynn	6	68	8.8	8.8	(0.8, 16.9)
McCulloch	6	95	6.3	6.3	(0.5, 12.1)
McLennan	230	3,321	6.9	6.9**	(5.9, 8.0)
McMullen	0	5	0.0	0.0*	(0.0, 1.8)
Madison	Less than 5	131			
Marion	6	90	6.7	6.6	(0.5, 12.8)
Martin	Less than 5	63			
Mason	0	8	0.0	0.0*	(0.0, 0.0)
Matagorda	37	526	7.0	7.0	(4.4, 9.6)
Maverick	68	1,019	6.7	6.7	(4.9, 8.5)
Medina	25	367	6.8	6.8	(3.7, 9.9)
Menard	Less than 5	15			
Midland	95	1,813	5.2	5.2	(4.0, 6.5)
Milam	25	351	7.1	7.1	(3.9, 10.3)
Mills	0	26	0.0	0.0*	(0.0, 0.0)
Mitchell	0	19	0.0	0.0*	(0.0, 0.8)
Montague	5	60	8.3	8.4	(0.0, 16.8)
Montgomery	229	4,607	5.0	5.0	(4.2, 5.7)
Moore	8	136	5.9	5.9	(1.2, 10.6)
Morris	8	58	13.8	13.8	(3.2, 24.4)
Motley	0	13	0.0	0.0*	(0.0, 0.0)
Nacogdoches	26	774	3.4	3.4*	(1.8, 4.9)
Navarro	26	634	4.1	4.1	(2.2, 5.9)
Newton	8	139	5.8	5.7	(1.1, 10.3)
Nolan	Less than 5	67			
Nueces	351	5,179	6.8	6.8**	(6.0, 7.6)
Ochiltree	0	30	0.0	0.0*	(0.0, 0.0)
Oldham	Less than 5	26			
Orange	80	1,127	7.1	7.1	(5.3, 8.9)
Palo Pinto	Less than 5	84			
Panola	8	259	3.1	3.1*	(0.6, 5.6)
Parker	57	931	6.1	6.1	(4.3, 8.0)
Parmer	6	53	11.3	11.3	(1.1, 21.5)
Pecos	5	184	2.7	2.7*	(0.0, 5.5)
Polk	22	492	4.5	4.5	(2.3, 6.7)
Potter	111	1,969	5.6	5.6	(4.4, 6.9)
Presidio	8	166	4.8	4.8	(0.9, 8.7)

\* Risk adjusted admission rate is significantly LOWER (based on 99% confidence interval) than Texas average.

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## 6. Low Birth Weight, page 7

County	Low Birth Weight Infants	All Births	Observed Number of Low Birth Weight Infants per 100 Births	Risk-Adjusted Number of Low Birth Weight Infants per 100 Births	99% Confidence Interval for Risk-Adjusted Admissions
State Total	20,052	355,806	5.6	5.6	
Rains	5	71	7.0	7.1	(0.0, 14.2)
Randall	68	1,366	5.0	5.0	(3.6, 6.4)
Reagan	Less than 5	50			
Real	Less than 5	17			
Red River	8	93	8.6	8.6	(1.8, 15.4)
Reeves	12	146	8.2	8.2	(2.9, 13.6)
Refugio	5	93	5.4	5.4	(0.0, 10.8)
Roberts	0	3			
Robertson	17	238	7.1	7.2	(3.3, 11.1)
Rockwall	28	707	4.0	3.9	(2.2, 5.7)
Runnels	12	154	7.8	7.8	(2.7, 12.8)
Rusk	24	599	4.0	4.0	(2.1, 5.9)
Sabine	8	127	6.3	6.3	(1.3, 11.3)
San Augustine	Less than 5	102			
San Jacinto	15	197	7.6	7.6	(3.2, 12.1)
San Patricio	70	1,125	6.2	6.2	(4.5, 7.9)
San Saba	Less than 5	23			
Schleicher	0	38	0.0	0.0*	(0.0, 0.0)
Scurry	15	61	24.6	24.6**	(11.7, 37.5)
Shackelford	0	29	0.0	0.0*	(0.0, 0.0)
Shelby	11	372	3.0	3.0*	(0.9, 5.0)
Sherman	Less than 5	21			
Smith	164	2,757	5.9	5.9	(4.9, 7.0)
Somervell	6	98	6.1	6.1	(0.4, 11.8)
Starr	73	1,332	5.5	5.5	(4.0, 6.9)
Stephens	Less than 5	25			
Sterling	0	11	0.0	0.0*	(0.0, 1.5)
Stonewall	Less than 5	9			
Sutton	Less than 5	53			
Swisher	12	110	10.9	10.9	(4.0, 17.9)
Tarrant	1,558	25,607	6.1	6.1**	(5.7, 6.4)
Taylor	93	1,977	4.7	4.7	(3.6, 5.8)
Terrell	0	6	0.0	0.1*	(0.0, 3.3)
Terry	10	108	9.3	9.3	(2.7, 15.8)
Throckmorton	0	4			
Titus	9	38	23.7	23.7**	(7.6, 39.9)
Tom Green	97	1,602	6.1	6.1	(4.7, 7.5)
Travis	718	14,246	5.0	5.0*	(4.6, 5.5)

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\*\* Risk adjusted admission rate is significantly HIGHER (based on 99% confidence interval) than Texas average.

## 6. Low Birth Weight, page 8

County	Low Birth Weight Infants	All Births	Observed Number of Low Birth Weight Infants per 100 Births	Risk-Adjusted Number of Low Birth Weight Infants per 100 Births	99% Confidence Interval for Risk-Adjusted Admissions
State Total	20,052	355,806	5.6	5.6	
Trinity	5	160	3.1	3.1	(0.0, 6.3)
Tyler	Less than 5	191			
Upshur	32	361	8.9	8.9	(5.4, 12.4)
Upton	0	48	0.0	0.0 *	(0.0, 0.6)
Uvalde	21	92	22.8	22.8 **	(12.6, 33.1)
Val Verde	24	958	2.5	2.5 *	(1.3, 3.7)
Van Zandt	22	579	3.8	3.8	(1.9, 5.6)
Victoria	81	1,367	5.9	5.9	(4.4, 7.4)
Walker	40	670	6.0	6.0	(3.8, 8.1)
Waller	20	451	4.4	4.4	(2.2, 6.7)
Ward	11	138	8.0	7.9	(2.6, 13.3)
Washington	17	179	9.5	9.5	(4.4, 14.6)
Webb	231	5,889	3.9	3.9 *	(3.3, 4.5)
Wharton	41	687	6.0	6.0	(3.9, 8.1)
Wheeler	Less than 5	46			
Wichita	102	1,880	5.4	5.4	(4.2, 6.6)
Wilbarger	14	187	7.5	7.5	(3.0, 12.0)
Willacy	29	371	7.8	7.8	(4.6, 11.1)
Williamson	267	4,825	5.5	5.5	(4.8, 6.3)
Wilson	22	358	6.1	6.1	(3.2, 9.1)
Winkler	6	87	6.9	6.9	(0.5, 13.2)
Wise	22	243	9.1	9.1	(4.7, 13.4)
Wood	14	238	5.9	5.9	(2.3, 9.4)
Yoakum	0	32	0.0	0.0 *	(0.0, 0.0)
Young	10	29	34.5	34.5 **	(13.9, 55.2)
Zapata	12	256	4.7	4.7	(1.6, 7.8)
Zavala	6	31	19.4	19.4	(2.8, 36.0)

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

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