

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	AMEBIASIS		ANAPLASMA PHAGOCYTOPHILUM		ANCYLOSTOMIASIS (HOOKWORM)		ASCARIASIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	1	0.1	0	0.0	0	0.0	1	0.1
COOKE	40,726	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	29	1.1	0	0.0	6	0.2	21	0.8
DENTON	846,738	4	0.5	0	0.0	2	0.2	1	0.1
ELLIS	183,618	0	0.0	0	0.0	0	0.0	1	0.5
ERATH	40,353	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,571	1	2.7	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	58,168	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	96,586	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	175,030	2	1.1	1	0.6	0	0.0	0	0.0
KAUFMAN	133,652	1	0.7	0	0.0	0	0.0	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	145,104	1	0.7	0	0.0	0	0.0	0	0.0
ROCKWALL	103,544	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	6	0.3	1	0.0	0	0.0	0	0.0
WISE	69,449	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,755,244	45	0.6	2	0.0	8	0.1	24	0.3
STATEWIDE TOTALS	28,797,290	147	0.5	2	0.0	10	0.0	75	0.3

**HEALTH SERVICE REGION 3 - 2017  
 CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	BOTULISM, INFANT <sup>2</sup>		BRUCELLOSIS		CAMPYLOBACTERIOSIS		CARBAPENEM- RESISTANT ENTEROBACTERIACEAE (CRE)	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	0	0.0	0	0.0	96	9.4	9	0.9
COOKE	40,726	0	0.0	0	0.0	8	19.6	0	0.0
DALLAS	2,552,920	0	0.0	5	0.2	266	10.4	36	1.4
DENTON	846,738	0	0.0	0	0.0	65	7.7	10	1.2
ELLIS	183,618	0	0.0	0	0.0	17	9.3	3	1.6
ERATH	40,353	0	0.0	0	0.0	18	44.6	0	0.0
FANNIN	36,571	0	0.0	0	0.0	4	10.9	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	8	6.2	1	0.8
HOOD	58,168	0	0.0	0	0.0	6	10.3	0	0.0
HUNT	96,586	1	81.0	0	0.0	13	13.5	0	0.0
JOHNSON	175,030	0	0.0	0	0.0	61	34.9	0	0.0
KAUFMAN	133,652	0	0.0	0	0.0	21	15.7	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	8	15.1	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	10	32.6	0	0.0
PARKER	145,104	0	0.0	0	0.0	32	22.1	1	0.7
ROCKWALL	103,544	0	0.0	0	0.0	10	9.7	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	11	111.7	0	0.0
TARRANT	2,023,985	0	0.0	3	0.1	336	16.6	30	1.5
WISE	69,449	0	0.0	1	1.4	18	25.9	9	13.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>1</b>	<b>0.9</b>	<b>9</b>	<b>0.1</b>	<b>1,008</b>	<b>13.0</b>	<b>99</b>	<b>1.3</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>8</b>	<b>1.9</b>	<b>26</b>	<b>0.1</b>	<b>5,449</b>	<b>18.9</b>	<b>1,139</b>	<b>4.0</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	CHAGAS, CHRONIC INDETERMINATE		CHAGAS, CHRONIC SYMPTOMATIC		CHICKENPOX (VARICELLA)		CHIKUNGUNYA	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	1	0.1	0	0.0	54	5.3	6	0.6
COOKE	40,726	0	0.0	0	0.0	3	7.4	0	0.0
DALLAS	2,552,920	2	0.1	6	0.2	81	3.2	2	0.1
DENTON	846,738	1	0.1	0	0.0	61	7.2	1	0.1
ELLIS	183,618	0	0.0	0	0.0	9	4.9	0	0.0
ERATH	40,353	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,571	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	58,168	0	0.0	0	0.0	2	3.4	0	0.0
HUNT	96,586	0	0.0	0	0.0	7	7.2	0	0.0
JOHNSON	175,030	0	0.0	0	0.0	19	10.9	0	0.0
KAUFMAN	133,652	0	0.0	0	0.0	2	1.5	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	145,104	0	0.0	0	0.0	7	4.8	0	0.0
ROCKWALL	103,544	0	0.0	0	0.0	4	3.9	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	3	30.5	0	0.0
TARRANT	2,023,985	0	0.0	0	0.0	118	5.8	1	0.0
WISE	69,449	0	0.0	0	0.0	5	7.2	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>4</b>	<b>0.1</b>	<b>6</b>	<b>0.1</b>	<b>375</b>	<b>4.8</b>	<b>10</b>	<b>0.1</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>25</b>	<b>0.1</b>	<b>8</b>	<b>0.0</b>	<b>1,146</b>	<b>4.0</b>	<b>15</b>	<b>0.1</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	CRYPTOSPORIDIOSIS		CYCLOSPORIASIS		CYSTICERCOSIS		DENGUE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	38	3.7	15	1.5	0	0.0	3	0.3
COOKE	40,726	2	4.9	1	2.5	0	0.0	0	0.0
DALLAS	2,552,920	75	2.9	14	0.5	2	0.1	11	0.4
DENTON	846,738	24	2.8	12	1.4	0	0.0	3	0.4
ELLIS	183,618	3	1.6	0	0.0	0	0.0	0	0.0
ERATH	40,353	1	2.5	1	2.5	0	0.0	0	0.0
FANNIN	36,571	1	2.7	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	4	3.1	0	0.0	0	0.0	0	0.0
HOOD	58,168	0	0.0	1	1.7	0	0.0	0	0.0
HUNT	96,586	5	5.2	1	1.0	0	0.0	0	0.0
JOHNSON	175,030	12	6.9	4	2.3	0	0.0	0	0.0
KAUFMAN	133,652	6	4.5	1	0.7	0	0.0	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	1	3.3	0	0.0	0	0.0
PARKER	145,104	2	1.4	3	2.1	0	0.0	0	0.0
ROCKWALL	103,544	3	2.9	0	0.0	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	82	4.1	18	0.9	0	0.0	2	0.1
WISE	69,449	5	7.2	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>263</b>	<b>3.4</b>	<b>72</b>	<b>0.9</b>	<b>2</b>	<b>0.0</b>	<b>19</b>	<b>0.2</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>1,157</b>	<b>4.0</b>	<b>319</b>	<b>1.1</b>	<b>10</b>	<b>0.0</b>	<b>40</b>	<b>0.1</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	DENGUE, SEVERE		DENGUE-LIKE ILLNESS		EHRlichia CHAFFEENSIS		ESCHERICHIA COLI, SHIGA TOXIN-PRODUCING (STEC)	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	0	0.0	0	0.0	0	0.0	42	4.1
COOKE	40,726	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	0	0.0	1	0.0	1	0.0	71	2.8
DENTON	846,738	0	0.0	0	0.0	0	0.0	29	3.4
ELLIS	183,618	0	0.0	0	0.0	1	0.5	17	9.3
ERATH	40,353	0	0.0	0	0.0	0	0.0	4	9.9
FANNIN	36,571	0	0.0	0	0.0	0	0.0	3	8.2
GRAYSON	129,680	0	0.0	0	0.0	1	0.8	7	5.4
HOOD	58,168	0	0.0	0	0.0	0	0.0	6	10.3
HUNT	96,586	0	0.0	0	0.0	0	0.0	3	3.1
JOHNSON	175,030	0	0.0	0	0.0	1	0.6	11	6.3
KAUFMAN	133,652	0	0.0	0	0.0	0	0.0	3	2.2
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	1	1.9
PALO PINTO	30,638	0	0.0	0	0.0	0	0.0	3	9.8
PARKER	145,104	0	0.0	0	0.0	0	0.0	11	7.6
ROCKWALL	103,544	0	0.0	0	0.0	0	0.0	2	1.9
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	0	0.0	0	0.0	2	0.1	86	4.2
WISE	69,449	0	0.0	0	0.0	0	0.0	6	8.6
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>6</b>	<b>0.1</b>	<b>305</b>	<b>3.9</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>1</b>	<b>0.0</b>	<b>2</b>	<b>0.0</b>	<b>17</b>	<b>0.1</b>	<b>1,131</b>	<b>3.9</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	HAEMOPHILUS INFLUENZAE, INVASIVE		HANTAVIRUS PULMONARY SYNDROME		HEMOLYTIC UREMIC SYNDROME		HEPATITIS A, ACUTE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	16	1.6	0	0.0	0	0.0	0	0.0
COOKE	40,726	2	4.9	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	37	1.4	0	0.0	0	0.0	17	0.7
DENTON	846,738	12	1.4	0	0.0	1	0.1	0	0.0
ELLIS	183,618	5	2.7	0	0.0	2	1.1	2	1.1
ERATH	40,353	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,571	1	2.7	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	3	2.3	0	0.0	0	0.0	0	0.0
HOOD	58,168	2	3.4	0	0.0	0	0.0	1	1.7
HUNT	96,586	0	0.0	0	0.0	0	0.0	1	1.0
JOHNSON	175,030	6	3.4	0	0.0	0	0.0	1	0.6
KAUFMAN	133,652	1	0.7	0	0.0	1	0.7	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	1	3.3	0	0.0	0	0.0	0	0.0
PARKER	145,104	1	0.7	0	0.0	5	3.4	0	0.0
ROCKWALL	103,544	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,844	1	10.2	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	38	1.9	0	0.0	3	0.1	8	0.4
WISE	69,449	1	1.4	0	0.0	1	1.4	0	0.0
REGIONAL TOTALS	7,755,244	127	1.6	0	0.0	13	0.2	30	0.4
STATEWIDE TOTALS	28,797,290	403	1.4	2	0.0	24	0.1	129	0.4

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	HEPATITIS B, ACUTE		HEPATITIS B, PERINATAL (AGE <24 MONTHS) <sup>3</sup>		HEPATITIS C, ACUTE		HEPATITIS E, ACUTE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	3	0.3	0	0.0	0	0.0	2	0.2
COOKE	40,726	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	11	0.4	0	0.0	14	0.5	3	0.1
DENTON	846,738	4	0.5	1	4.7	1	0.1	0	0.0
ELLIS	183,618	1	0.5	0	0.0	0	0.0	0	0.0
ERATH	40,353	1	2.5	0	0.0	1	2.5	0	0.0
FANNIN	36,571	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	1	0.8	0	0.0	0	0.0	0	0.0
HOOD	58,168	0	0.0	0	0.0	1	1.7	0	0.0
HUNT	96,586	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	175,030	0	0.0	0	0.0	3	1.7	0	0.0
KAUFMAN	133,652	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	145,104	0	0.0	0	0.0	1	0.7	0	0.0
ROCKWALL	103,544	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	12	0.6	0	0.0	4	0.2	0	0.0
WISE	69,449	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>33</b>	<b>0.4</b>	<b>1</b>	<b>0.5</b>	<b>25</b>	<b>0.3</b>	<b>5</b>	<b>0.1</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>106</b>	<b>0.4</b>	<b>2</b>	<b>0.2</b>	<b>56</b>	<b>0.2</b>	<b>20</b>	<b>0.1</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	INFLUENZA, NOVEL A		INFLUENZA-ASSOCIATED PEDIATRIC MORTALITY <sup>4</sup>		LEGIONELLOSIS		LEISHMANIASIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	0	0.0	1	0.4	13	1.3	0	0.0
COOKE	40,726	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	0	0.0	2	0.3	58	2.3	0	0.0
DENTON	846,738	0	0.0	1	0.5	8	0.9	0	0.0
ELLIS	183,618	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,353	0	0.0	0	0.0	1	2.5	0	0.0
FANNIN	36,571	0	0.0	0	0.0	3	8.2	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	58,168	0	0.0	0	0.0	1	1.7	0	0.0
HUNT	96,586	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	175,030	0	0.0	0	0.0	1	0.6	0	0.0
KAUFMAN	133,652	0	0.0	0	0.0	1	0.7	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	1	1.9	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	1	3.3	0	0.0
PARKER	145,104	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	103,544	0	0.0	0	0.0	1	1.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	0	0.0	0	0.0	39	1.9	0	0.0
WISE	69,449	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>0</b>	<b>0.0</b>	<b>4</b>	<b>0.2</b>	<b>128</b>	<b>1.7</b>	<b>0</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>1</b>	<b>0.0</b>	<b>12</b>	<b>0.2</b>	<b>327</b>	<b>1.1</b>	<b>8</b>	<b>0.0</b>



**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	LISTERIOSIS		LYME DISEASE		MALARIA		MEASLES	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	2	0.2	0	0.0	7	0.7	0	0.0
COOKE	40,726	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	5	0.2	6	0.2	20	0.8	1	0.0
DENTON	846,738	1	0.1	3	0.4	2	0.2	0	0.0
ELLIS	183,618	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,353	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,571	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	1	0.8	0	0.0
HOOD	58,168	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	96,586	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	175,030	2	1.1	1	0.6	0	0.0	0	0.0
KAUFMAN	133,652	0	0.0	0	0.0	1	0.7	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	145,104	0	0.0	1	0.7	0	0.0	0	0.0
ROCKWALL	103,544	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	3	0.1	5	0.2	20	1.0	0	0.0
WISE	69,449	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>13</b>	<b>0.2</b>	<b>16</b>	<b>0.2</b>	<b>51</b>	<b>0.7</b>	<b>1</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>42</b>	<b>0.1</b>	<b>66</b>	<b>0.2</b>	<b>158</b>	<b>0.5</b>	<b>1</b>	<b>0.0</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	MENINGOCOCCAL INFECTION		MULTIDRUG-RESISTANT ACINETOBACTER (MDR-A)		MUMPS		PERTUSSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	2	0.2	32	3.1	9	0.9	102	9.9
COOKE	40,726	0	0.0	1	2.5	2	4.9	0	0.0
DALLAS	2,552,920	0	0.0	111	4.3	111	4.3	120	4.7
DENTON	846,738	0	0.0	9	1.1	12	1.4	99	11.7
ELLIS	183,618	1	0.5	6	3.3	7	3.8	31	16.9
ERATH	40,353	0	0.0	1	2.5	4	9.9	1	2.5
FANNIN	36,571	0	0.0	2	5.5	0	0.0	1	2.7
GRAYSON	129,680	0	0.0	1	0.8	0	0.0	2	1.5
HOOD	58,168	0	0.0	0	0.0	0	0.0	6	10.3
HUNT	96,586	0	0.0	9	9.3	0	0.0	10	10.4
JOHNSON	175,030	0	0.0	8	4.6	84	48.0	38	21.7
KAUFMAN	133,652	0	0.0	7	5.2	1	0.7	21	15.7
NAVARRO	53,020	0	0.0	1	1.9	2	3.8	6	11.3
PALO PINTO	30,638	0	0.0	2	6.5	0	0.0	0	0.0
PARKER	145,104	0	0.0	2	1.4	1	0.7	12	8.3
ROCKWALL	103,544	0	0.0	1	1.0	0	0.0	8	7.7
SOMERVELL	9,844	0	0.0	1	10.2	0	0.0	1	10.2
TARRANT	2,023,985	0	0.0	94	4.6	40	2.0	496	24.5
WISE	69,449	0	0.0	2	2.9	0	0.0	7	10.1
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>3</b>	<b>0.0</b>	<b>290</b>	<b>3.7</b>	<b>273</b>	<b>3.5</b>	<b>961</b>	<b>12.4</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>17</b>	<b>0.1</b>	<b>1,144</b>	<b>4.0</b>	<b>470</b>	<b>1.6</b>	<b>1,765</b>	<b>6.1</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	Q FEVER, ACUTE		Q FEVER, CHRONIC		RICKETTSIA, UNSPECIFIED		RUBELLA		RUBELLA, CONGENITAL SYNDROME <sup>2</sup>	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
COOKE	40,726	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DENTON	846,738	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ELLIS	183,618	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,353	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,571	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	58,168	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	96,586	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	175,030	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
KAUFMAN	133,652	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,020	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	145,104	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	103,544	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
WISE	69,449	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,755,244	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STATEWIDE TOTALS	28,797,290	17	0.1	3	0.0	9	0.0	1	0.0	2	0.0

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	SALMONELLOSIS		SHIGELLOSIS		SPOTTED FEVER RICKETTSIOSSES		STREPTOCOCCUS PNEUMONIAE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	103	10.0	30	2.9	0	0.0	45	4.4
COOKE	40,726	8	19.6	3	7.4	0	0.0	1	2.5
DALLAS	2,552,920	287	11.2	171	6.7	5	0.2	191	7.5
DENTON	846,738	118	13.9	23	2.7	0	0.0	47	5.6
ELLIS	183,618	31	16.9	8	4.4	1	0.5	14	7.6
ERATH	40,353	19	47.1	1	2.5	0	0.0	4	9.9
FANNIN	36,571	11	30.1	2	5.5	0	0.0	5	13.7
GRAYSON	129,680	16	12.3	13	10.0	0	0.0	3	2.3
HOOD	58,168	20	34.4	2	3.4	0	0.0	2	3.4
HUNT	96,586	9	9.3	3	3.1	0	0.0	7	7.2
JOHNSON	175,030	56	32.0	2	1.1	0	0.0	15	8.6
KAUFMAN	133,652	20	15.0	7	5.2	0	0.0	7	5.2
NAVARRO	53,020	12	22.6	4	7.5	0	0.0	1	1.9
PALO PINTO	30,638	14	45.7	1	3.3	0	0.0	1	3.3
PARKER	145,104	53	36.5	8	5.5	1	0.7	9	6.2
ROCKWALL	103,544	17	16.4	4	3.9	0	0.0	5	4.8
SOMERVELL	9,844	3	30.5	1	10.2	0	0.0	0	0.0
TARRANT	2,023,985	411	20.3	89	4.4	6	0.3	155	7.7
WISE	69,449	13	18.7	4	5.8	0	0.0	5	7.2
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>1,221</b>	<b>15.7</b>	<b>376</b>	<b>4.8</b>	<b>13</b>	<b>0.2</b>	<b>517</b>	<b>6.7</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>5,113</b>	<b>17.8</b>	<b>1,522</b>	<b>5.3</b>	<b>106</b>	<b>0.4</b>	<b>1,798</b>	<b>6.2</b>

**HEALTH SERVICE REGION 3 - 2017**  
**CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	STREPTOCOCCUS, GROUP A		STREPTOCOCCUS, GROUP B		TAENIASIS		TETANUS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	17	1.7	40	3.9	0	0.0	0	0.0
COOKE	40,726	1	2.5	1	2.5	0	0.0	0	0.0
DALLAS	2,552,920	101	4.0	267	10.5	0	0.0	0	0.0
DENTON	846,738	19	2.2	40	4.7	0	0.0	0	0.0
ELLIS	183,618	11	6.0	15	8.2	0	0.0	0	0.0
ERATH	40,353	1	2.5	2	5.0	0	0.0	0	0.0
FANNIN	36,571	1	2.7	2	5.5	0	0.0	0	0.0
GRAYSON	129,680	1	0.8	3	2.3	0	0.0	0	0.0
HOOD	58,168	2	3.4	1	1.7	0	0.0	0	0.0
HUNT	96,586	1	1.0	5	5.2	0	0.0	0	0.0
JOHNSON	175,030	5	2.9	18	10.3	0	0.0	0	0.0
KAUFMAN	133,652	0	0.0	13	9.7	0	0.0	0	0.0
NAVARRO	53,020	4	7.5	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	2	6.5	0	0.0	0	0.0
PARKER	145,104	2	1.4	4	2.8	0	0.0	0	0.0
ROCKWALL	103,544	1	1.0	6	5.8	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	68	3.4	146	7.2	0	0.0	0	0.0
WISE	69,449	2	2.9	9	13.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>237</b>	<b>3.1</b>	<b>574</b>	<b>7.4</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>851</b>	<b>3.0</b>	<b>1,929</b>	<b>6.7</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	TRICHURIASIS		TULAREMIA		TYPHOID FEVER		TYPHUS, MURINE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	0	0.0	0	0.0	7	0.7	0	0.0
COOKE	40,726	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	5	0.2	0	0.0	2	0.1	16	0.6
DENTON	846,738	0	0.0	0	0.0	1	0.1	1	0.1
ELLIS	183,618	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,353	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,571	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	58,168	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	96,586	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	175,030	0	0.0	0	0.0	0	0.0	2	1.1
KAUFMAN	133,652	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	0	0.0	1	3.3
PARKER	145,104	0	0.0	0	0.0	0	0.0	1	0.7
ROCKWALL	103,544	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	0	0.0	0	0.0	0	0.0	26	1.3
WISE	69,449	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>5</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>10</b>	<b>0.1</b>	<b>47</b>	<b>0.6</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>12</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>27</b>	<b>0.1</b>	<b>519</b>	<b>1.8</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	VIBRIO PARAHAEMOLYTICUS		VIBRIO VULNIFICUS		VIBRIO, OTHER/UNSPECIFIED		VISA	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	1	0.1	0	0.0	3	0.3	0	0.0
COOKE	40,726	0	0.0	0	0.0	1	2.5	0	0.0
DALLAS	2,552,920	3	0.1	0	0.0	1	0.0	1	0.0
DENTON	846,738	0	0.0	0	0.0	1	0.1	0	0.0
ELLIS	183,618	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,353	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,571	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	1	0.8	0	0.0
HOOD	58,168	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	96,586	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	175,030	0	0.0	0	0.0	1	0.6	0	0.0
KAUFMAN	133,652	1	0.7	0	0.0	0	0.0	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	145,104	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	103,544	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	1	0.0	2	0.1	8	0.4	0	0.0
WISE	69,449	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>6</b>	<b>0.1</b>	<b>2</b>	<b>0.0</b>	<b>16</b>	<b>0.2</b>	<b>1</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>30</b>	<b>0.1</b>	<b>34</b>	<b>0.1</b>	<b>119</b>	<b>0.4</b>	<b>3</b>	<b>0.0</b>

**HEALTH SERVICE REGION 3 - 2017  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2017 POP.	WEST NILE FEVER		WEST NILE NEUROINVASIVE DISEASE		YERSINIOSIS		ZIKA VIRUS DISEASE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,025,618	4	0.4	8	0.8	1	0.1	3	0.3
COOKE	40,726	1	2.5	0	0.0	0	0.0	0	0.0
DALLAS	2,552,920	11	0.4	15	0.6	1	0.0	3	0.1
DENTON	846,738	7	0.8	5	0.6	0	0.0	1	0.1
ELLIS	183,618	0	0.0	1	0.5	0	0.0	0	0.0
ERATH	40,353	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,571	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	129,680	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	58,168	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	96,586	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	175,030	1	0.6	0	0.0	0	0.0	0	0.0
KAUFMAN	133,652	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,020	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,638	0	0.0	0	0.0	1	3.3	0	0.0
PARKER	145,104	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	103,544	0	0.0	1	1.0	0	0.0	0	0.0
SOMERVELL	9,844	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,023,985	9	0.4	11	0.5	4	0.2	1	0.0
WISE	69,449	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,755,244</b>	<b>33</b>	<b>0.4</b>	<b>41</b>	<b>0.5</b>	<b>7</b>	<b>0.1</b>	<b>8</b>	<b>0.1</b>
<b>STATEWIDE TOTALS</b>	<b>28,797,290</b>	<b>48</b>	<b>0.2</b>	<b>87</b>	<b>0.3</b>	<b>46</b>	<b>0.2</b>	<b>55</b>	<b>0.2</b>

<sup>1</sup> DSHS Center for Health Statistics projected 2017 Texas population data (/CHS/Popdat/Dtl/Dtl2017p.xls - link currently inactive) accessed 1/3/2017.

<sup>2</sup> Infant botulism and congenital rubella syndrome rates are calculated using the Texas populations under 1 year of age.

<sup>3</sup> Perinatal hepatitis B cases are defined as infants >1 month of age through 24 months of age who were born in the US to HBsAg positive mothers. The rates were calculated using the population under 2 years of age, which approximates this cohort. Perinatal hepatitis B cases are defined as infants >1 month of age through 24 months of age who were born in the US to HBsAg positive mothers. The rates were calculated using the population under 2 years of age, which approximates this cohort.

<sup>4</sup> Influenza-associated pediatric mortality cases are calculated using the population under 18 years of age.