

**HEALTH SERVICE REGION 3 - 2016**  
**CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	AMEBIASIS		BOTULISM, FOODBORNE		BOTULISM, WOUND		BRUCELLOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	3	0.3	0	0.0	0	0.0	0	0.0
COOKE	40,388	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	39	1.5	1	0.0	0	0.0	27	1.1
DENTON	817,359	2	0.2	0	0.0	0	0.0	3	0.4
ELLIS	178,372	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	39,942	0	0.0	0	0.0	1	2.5	0	0.0
FANNIN	36,169	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	57,122	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	94,944	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	171,358	0	0.0	0	0.0	0	0.0	0	0.0
KAUFMAN	128,865	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	140,735	1	0.7	0	0.0	0	0.0	0	0.0
ROCKWALL	99,630	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	7	0.4	0	0.0	0	0.0	1	0.1
WISE	67,865	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>52</b>	<b>0.7</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>31</b>	<b>0.4</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>190</b>	<b>0.7</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>43</b>	<b>0.2</b>

**HEALTH SERVICE REGION 3 - 2016**  
**CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	CAMPYLOBACTERIOSIS		CARBAPENEM-RESISTANT <i>ENTEROBACTERIACEAE</i> (CRE)		CHAGAS, CHRONIC INDETERMINATE		CHAGAS, CHRONIC SYMPTOMATIC	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	61	6.2	5	0.5	0	0.0	0	0.0
COOKE	40,388	11	27.2	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	277	11.0	28	1.1	3	0.1	1	0.0
DENTON	817,359	57	7.0	3	0.4	0	0.0	0	0.0
ELLIS	178,372	26	14.6	2	1.1	0	0.0	0	0.0
ERATH	39,942	13	32.5	0	0.0	0	0.0	0	0.0
FANNIN	36,169	4	11.1	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	8	6.2	0	0.0	0	0.0	0	0.0
HOOD	57,122	7	12.3	0	0.0	0	0.0	0	0.0
HUNT	94,944	11	11.6	1	1.1	0	0.0	0	0.0
JOHNSON	171,358	62	36.2	2	1.2	0	0.0	0	0.0
KAUFMAN	128,865	15	11.6	0	0.0	0	0.0	0	0.0
NAVARRO	52,236	5	9.6	2	3.8	0	0.0	0	0.0
PALO PINTO	30,285	11	36.3	0	0.0	0	0.0	0	0.0
PARKER	140,735	33	23.4	2	1.4	0	0.0	0	0.0
ROCKWALL	99,630	9	9.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,647	7	72.6	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	207	10.4	24	1.2	0	0.0	0	0.0
WISE	67,865	9	13.3	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>833</b>	<b>11.0</b>	<b>69</b>	<b>0.9</b>	<b>3</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>4,667</b>	<b>16.5</b>	<b>1,240</b>	<b>4.4</b>	<b>19</b>	<b>0.1</b>	<b>8</b>	<b>0.0</b>

**HEALTH SERVICE REGION 3 - 2016**  
**CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	CHICKENPOX (VARICELLA)		CHIKUNGUNYA NON- NEUROINVASIVE DISEASE		CRYPTOSPORIDIOSIS		CYCLOSPORIASIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	84	8.5	3	0.3	13	1.3	5	0.5
COOKE	40,388	0	0.0	0	0.0	1	2.5	0	0.0
DALLAS	2,524,470	71	2.8	3	0.1	50	2.0	15	0.6
DENTON	817,359	49	6.0	0	0.0	9	1.1	11	1.3
ELLIS	178,372	6	3.4	0	0.0	0	0.0	0	0.0
ERATH	39,942	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,169	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	1	0.8	0	0.0	4	3.1	1	0.8
HOOD	57,122	1	1.8	0	0.0	0	0.0	0	0.0
HUNT	94,944	2	2.1	0	0.0	3	3.2	1	1.1
JOHNSON	171,358	16	9.3	0	0.0	6	3.5	0	0.0
KAUFMAN	128,865	9	7.0	0	0.0	4	3.1	0	0.0
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,285	1	3.3	0	0.0	0	0.0	0	0.0
PARKER	140,735	12	8.5	0	0.0	4	2.8	0	0.0
ROCKWALL	99,630	9	9.0	0	0.0	0	0.0	1	1.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	121	6.1	2	0.1	45	2.3	10	0.5
WISE	67,865	2	2.9	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>384</b>	<b>5.1</b>	<b>8</b>	<b>0.1</b>	<b>139</b>	<b>1.8</b>	<b>44</b>	<b>0.6</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>1,341</b>	<b>4.7</b>	<b>20</b>	<b>0.1</b>	<b>735</b>	<b>2.6</b>	<b>148</b>	<b>0.5</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	CYSTICERCOSIS		DENGUE		DENGUE-LIKE ILLNESS		DENGUE, SEVERE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	0	0.0	2	0.2	1	0.1	0	0.0
COOKE	40,388	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	6	0.2	7	0.3	0	0.0	1	0.0
DENTON	817,359	1	0.1	1	0.1	0	0.0	1	0.1
ELLIS	178,372	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	39,942	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,169	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	57,122	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	94,944	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	171,358	0	0.0	0	0.0	0	0.0	0	0.0
KAUFMAN	128,865	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	140,735	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	99,630	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	0	0.0	2	0.1	0	0.0	0	0.0
WISE	67,865	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>7</b>	<b>0.1</b>	<b>12</b>	<b>0.2</b>	<b>1</b>	<b>0.0</b>	<b>2</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>16</b>	<b>0.1</b>	<b>42</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>2</b>	<b>0.0</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	ECHINOCOCCOSIS		<i>EHRlichia CHAFFEENSIS</i>		<i>ESCHERICHIA COLI</i> , SHIGA TOXIN-PRODUCING (STEC)		<i>HAEMOPHILUS INFLUENZAE</i> , INVASIVE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	0	0.0	0	0.0	35	3.5	11	1.1
COOKE	40,388	0	0.0	0	0.0	2	5.0	0	0.0
DALLAS	2,524,470	1	0.0	0	0.0	72	2.9	33	1.3
DENTON	817,359	0	0.0	2	0.2	27	3.3	9	1.1
ELLIS	178,372	0	0.0	0	0.0	8	4.5	2	1.1
ERATH	39,942	0	0.0	0	0.0	6	15.0	1	2.5
FANNIN	36,169	0	0.0	0	0.0	2	5.5	0	0.0
GRAYSON	128,394	0	0.0	0	0.0	2	1.6	0	0.0
HOOD	57,122	0	0.0	0	0.0	3	5.3	0	0.0
HUNT	94,944	0	0.0	0	0.0	1	1.1	0	0.0
JOHNSON	171,358	1	0.6	0	0.0	7	4.1	3	1.8
KAUFMAN	128,865	0	0.0	0	0.0	5	3.9	2	1.6
NAVARRO	52,236	0	0.0	0	0.0	3	5.7	1	1.9
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	140,735	0	0.0	0	0.0	4	2.8	2	1.4
ROCKWALL	99,630	0	0.0	0	0.0	3	3.0	1	1.0
SOMERVELL	9,647	0	0.0	0	0.0	2	20.7	0	0.0
TARRANT	1,991,639	0	0.0	2	0.1	55	2.8	17	0.9
WISE	67,865	0	0.0	0	0.0	2	2.9	2	2.9
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>2</b>	<b>0.0</b>	<b>4</b>	<b>0.1</b>	<b>239</b>	<b>3.1</b>	<b>84</b>	<b>1.1</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>2</b>	<b>0.0</b>	<b>15</b>	<b>0.1</b>	<b>1,015</b>	<b>3.6</b>	<b>317</b>	<b>1.1</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	HEMOLYTIC UREMIC SYNDROME		HEPATITIS A, ACUTE		HEPATITIS B, ACUTE		HEPATITIS C, ACUTE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	1	0.1	8	0.8	8	0.8	0	0.0
COOKE	40,388	0	0.0	0	0.0	1	2.5	0	0.0
DALLAS	2,524,470	0	0.0	12	0.5	6	0.2	6	0.2
DENTON	817,359	0	0.0	3	0.4	6	0.7	4	0.5
ELLIS	178,372	0	0.0	1	0.6	0	0.0	0	0.0
ERATH	39,942	0	0.0	0	0.0	0	0.0	1	2.5
FANNIN	36,169	0	0.0	0	0.0	1	2.8	0	0.0
GRAYSON	128,394	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	57,122	0	0.0	0	0.0	1	1.8	0	0.0
HUNT	94,944	0	0.0	0	0.0	1	1.1	0	0.0
JOHNSON	171,358	0	0.0	1	0.6	4	2.3	0	0.0
KAUFMAN	128,865	0	0.0	0	0.0	1	0.8	0	0.0
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	140,735	1	0.7	0	0.0	1	0.7	1	0.7
ROCKWALL	99,630	0	0.0	1	1.0	0	0.0	0	0.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	1	0.1	4	0.2	9	0.5	1	0.1
WISE	67,865	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>3</b>	<b>0.0</b>	<b>30</b>	<b>0.4</b>	<b>39</b>	<b>0.5</b>	<b>13</b>	<b>0.2</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>14</b>	<b>0.0</b>	<b>139</b>	<b>0.5</b>	<b>156</b>	<b>0.6</b>	<b>40</b>	<b>0.1</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	HEPATITIS E, ACUTE		INFLUENZA- ASSOCIATED PEDIATRIC MORTALITY		LEGIONELLOSIS		LEISHMANIASIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	2	0.2	0	0.0	16	1.6	0	0.0
COOKE	40,388	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	2	0.1	1	0.1	41	1.6	0	0.0
DENTON	817,359	1	0.1	0	0.0	5	0.6	1	0.1
ELLIS	178,372	0	0.0	0	0.0	1	0.6	0	0.0
ERATH	39,942	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,169	1	2.8	0	0.0	1	2.8	0	0.0
GRAYSON	128,394	0	0.0	0	0.0	1	0.8	0	0.0
HOOD	57,122	0	0.0	0	0.0	1	1.8	1	1.8
HUNT	94,944	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	171,358	0	0.0	0	0.0	1	0.6	0	0.0
KAUFMAN	128,865	0	0.0	0	0.0	5	3.9	0	0.0
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	1	3.3
PARKER	140,735	0	0.0	0	0.0	1	0.7	0	0.0
ROCKWALL	99,630	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	0	0.0	0	0.0	20	1.0	0	0.0
WISE	67,865	0	0.0	0	0.0	1	1.5	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>6</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>94</b>	<b>1.2</b>	<b>3</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>22</b>	<b>0.1</b>	<b>7</b>	<b>0.1</b>	<b>270</b>	<b>1.0</b>	<b>13</b>	<b>0.0</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	LISTERIOSIS		LYME DISEASE		MALARIA		MEASLES	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	1	0.1	5	0.5	6	0.6	1	0.1
COOKE	40,388	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	3	0.1	0	0.0	31	1.2	0	0.0
DENTON	817,359	1	0.1	3	0.4	7	0.9	0	0.0
ELLIS	178,372	0	0.0	0	0.0	1	0.6	0	0.0
ERATH	39,942	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,169	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	0	0.0	2	1.6	0	0.0	0	0.0
HOOD	57,122	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	94,944	0	0.0	1	1.1	1	1.1	0	0.0
JOHNSON	171,358	0	0.0	0	0.0	0	0.0	0	0.0
KAUFMAN	128,865	1	0.8	1	0.8	0	0.0	0	0.0
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	140,735	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	99,630	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	3	0.2	5	0.3	24	1.2	0	0.0
WISE	67,865	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>9</b>	<b>0.1</b>	<b>17</b>	<b>0.2</b>	<b>70</b>	<b>0.9</b>	<b>1</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>34</b>	<b>0.1</b>	<b>71</b>	<b>0.3</b>	<b>159</b>	<b>0.6</b>	<b>1</b>	<b>0.0</b>



**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	MENINGOCOCCAL INFECTION		MULTIDRUG-RESISTANT ACINETOBACTER (MDR-A)		MUMPS		PERTUSSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	1	0.1	31	3.1	5	0.5	82	8.3
COOKE	40,388	0	0.0	0	0.0	0	0.0	1	2.5
DALLAS	2,524,470	2	0.1	97	3.8	13	0.5	99	3.9
DENTON	817,359	1	0.1	12	1.5	8	1.0	68	8.3
ELLIS	178,372	0	0.0	4	2.2	0	0.0	11	6.2
ERATH	39,942	0	0.0	1	2.5	0	0.0	1	2.5
FANNIN	36,169	0	0.0	1	2.8	0	0.0	1	2.8
GRAYSON	128,394	0	0.0	0	0.0	3	2.3	3	2.3
HOOD	57,122	0	0.0	2	3.5	1	1.8	3	5.3
HUNT	94,944	0	0.0	3	3.2	0	0.0	0	0.0
JOHNSON	171,358	0	0.0	4	2.3	105	61.3	31	18.1
KAUFMAN	128,865	0	0.0	2	1.6	0	0.0	4	3.1
NAVARRO	52,236	0	0.0	4	7.7	0	0.0	1	1.9
PALO PINTO	30,285	0	0.0	2	6.6	0	0.0	0	0.0
PARKER	140,735	0	0.0	5	3.6	1	0.7	22	15.6
ROCKWALL	99,630	0	0.0	1	1.0	0	0.0	6	6.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	2	0.1	66	3.3	16	0.8	337	16.9
WISE	67,865	0	0.0	5	7.4	0	0.0	4	5.9
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>6</b>	<b>0.1</b>	<b>240</b>	<b>3.2</b>	<b>152</b>	<b>2.0</b>	<b>674</b>	<b>8.9</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>23</b>	<b>0.1</b>	<b>1,006</b>	<b>3.6</b>	<b>191</b>	<b>0.7</b>	<b>1,286</b>	<b>4.6</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	PRION DISEASES		Q FEVER, ACUTE		Q FEVER, CHRONIC		SALMONELLOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	2	0.2	0	0.0	0	0.0	118	12.0
COOKE	40,388	0	0.0	0	0.0	0	0.0	10	24.8
DALLAS	2,524,470	6	0.2	1	0.0	0	0.0	352	13.9
DENTON	817,359	3	0.4	0	0.0	0	0.0	142	17.4
ELLIS	178,372	0	0.0	0	0.0	0	0.0	30	16.8
ERATH	39,942	0	0.0	0	0.0	0	0.0	13	32.5
FANNIN	36,169	0	0.0	0	0.0	0	0.0	4	11.1
GRAYSON	128,394	0	0.0	0	0.0	1	0.8	17	13.2
HOOD	57,122	0	0.0	0	0.0	0	0.0	10	17.5
HUNT	94,944	0	0.0	0	0.0	0	0.0	38	40.0
JOHNSON	171,358	1	0.6	0	0.0	0	0.0	66	38.5
KAUFMAN	128,865	0	0.0	0	0.0	0	0.0	20	15.5
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	10	19.1
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	19	62.7
PARKER	140,735	0	0.0	0	0.0	0	0.0	75	53.3
ROCKWALL	99,630	0	0.0	0	0.0	0	0.0	13	13.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	3	31.1
TARRANT	1,991,639	1	0.1	0	0.0	0	0.0	337	16.9
WISE	67,865	0	0.0	0	0.0	0	0.0	25	36.8
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>13</b>	<b>0.2</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>1,302</b>	<b>17.1</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>32</b>	<b>0.1</b>	<b>16</b>	<b>0.1</b>	<b>3</b>	<b>0.0</b>	<b>5,901</b>	<b>20.9</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	SHIGELLOSIS		SPOTTED FEVER GP RICKETTSIOSSES		STREPTOCOCCUS, GROUP A		STREPTOCOCCUS, GROUP B	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	92	9.3	0	0.0	8	0.8	39	4.0
COOKE	40,388	3	7.4	0	0.0	1	2.5	0	0.0
DALLAS	2,524,470	299	11.8	3	0.1	66	2.6	234	9.3
DENTON	817,359	77	9.4	4	0.5	14	1.7	39	4.8
ELLIS	178,372	17	9.5	0	0.0	6	3.4	15	8.4
ERATH	39,942	3	7.5	0	0.0	1	2.5	2	5.0
FANNIN	36,169	2	5.5	0	0.0	0	0.0	1	2.8
GRAYSON	128,394	12	9.3	0	0.0	0	0.0	0	0.0
HOOD	57,122	6	10.5	0	0.0	0	0.0	1	1.8
HUNT	94,944	9	9.5	0	0.0	3	3.2	3	3.2
JOHNSON	171,358	53	30.9	3	1.8	4	2.3	9	5.3
KAUFMAN	128,865	35	27.2	0	0.0	1	0.8	5	3.9
NAVARRO	52,236	3	5.7	0	0.0	0	0.0	3	5.7
PALO PINTO	30,285	2	6.6	0	0.0	0	0.0	1	3.3
PARKER	140,735	10	7.1	0	0.0	1	0.7	6	4.3
ROCKWALL	99,630	36	36.1	0	0.0	2	2.0	2	2.0
SOMERVELL	9,647	7	72.6	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	301	15.1	3	0.2	34	1.7	131	6.6
WISE	67,865	4	5.9	0	0.0	3	4.4	6	8.8
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>971</b>	<b>12.8</b>	<b>13</b>	<b>0.2</b>	<b>144</b>	<b>1.9</b>	<b>497</b>	<b>6.5</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>4,386</b>	<b>15.5</b>	<b>87</b>	<b>0.3</b>	<b>706</b>	<b>2.5</b>	<b>1,761</b>	<b>6.2</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	<i>STREPTOCOCCUS PNEUMONIAE</i>		TAENIASIS		TETANUS		TRICHINOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	38	3.9	0	0.0	0	0.0	0	0.0
COOKE	40,388	3	7.4	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	218	8.6	1	0.0	0	0.0	1	0.0
DENTON	817,359	49	6.0	0	0.0	0	0.0	0	0.0
ELLIS	178,372	10	5.6	0	0.0	0	0.0	0	0.0
ERATH	39,942	4	10.0	0	0.0	0	0.0	0	0.0
FANNIN	36,169	2	5.5	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	1	0.8	0	0.0	0	0.0	0	0.0
HOOD	57,122	3	5.3	0	0.0	0	0.0	0	0.0
HUNT	94,944	11	11.6	0	0.0	0	0.0	0	0.0
JOHNSON	171,358	13	7.6	0	0.0	1	0.6	0	0.0
KAUFMAN	128,865	12	9.3	0	0.0	0	0.0	0	0.0
NAVARRO	52,236	9	17.2	0	0.0	0	0.0	0	0.0
PALO PINTO	30,285	1	3.3	0	0.0	0	0.0	0	0.0
PARKER	140,735	5	3.6	0	0.0	0	0.0	0	0.0
ROCKWALL	99,630	3	3.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,647	1	10.4	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	156	7.8	0	0.0	0	0.0	0	0.0
WISE	67,865	3	4.4	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>542</b>	<b>7.1</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>1,737</b>	<b>6.2</b>	<b>2</b>	<b>0.0</b>	<b>2</b>	<b>0.0</b>	<b>4</b>	<b>0.0</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	TULAREMIA		TYPHOID FEVER		TYPHUS, MURINE		VIBRIO PARAHAEMOLYTICUS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	0	0.0	2	0.2	0	0.0	1	0.1
COOKE	40,388	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	1	0.0	9	0.4	1	0.0	0	0.0
DENTON	817,359	0	0.0	1	0.1	0	0.0	0	0.0
ELLIS	178,372	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	39,942	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,169	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	0	0.0	1	0.8	0	0.0	0	0.0
HOOD	57,122	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	94,944	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	171,358	0	0.0	0	0.0	1	0.6	0	0.0
KAUFMAN	128,865	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	140,735	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	99,630	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	0	0.0	4	0.2	6	0.3	2	0.1
WISE	67,865	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>1</b>	<b>0.0</b>	<b>17</b>	<b>0.2</b>	<b>8</b>	<b>0.1</b>	<b>3</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>3</b>	<b>0.0</b>	<b>37</b>	<b>0.1</b>	<b>364</b>	<b>1.3</b>	<b>23</b>	<b>0.1</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2016 POP.	VIBRIO VULNIFICUS		VIBRIO, OTHER/UNSPECIFIED		VISA		WEST NILE FEVER	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	1	0.1	0	0.0	0	0.0	10	1.0
COOKE	40,388	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	2	0.1	1	0.0	4	0.2	21	0.8
DENTON	817,359	0	0.0	1	0.1	0	0.0	10	1.2
ELLIS	178,372	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	39,942	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,169	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	0	0.0	0	0.0	0	0.0	1	0.8
HOOD	57,122	0	0.0	1	1.8	0	0.0	2	3.5
HUNT	94,944	1	1.1	0	0.0	0	0.0	2	2.1
JOHNSON	171,358	0	0.0	0	0.0	0	0.0	0	0.0
KAUFMAN	128,865	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	52,236	0	0.0	0	0.0	0	0.0	1	1.9
PALO PINTO	30,285	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	140,735	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	99,630	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	1	0.1	2	0.1	0	0.0	15	0.8
WISE	67,865	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>5</b>	<b>0.1</b>	<b>5</b>	<b>0.1</b>	<b>4</b>	<b>0.1</b>	<b>62</b>	<b>0.8</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>36</b>	<b>0.1</b>	<b>42</b>	<b>0.1</b>	<b>13</b>	<b>0.0</b>	<b>118</b>	<b>0.4</b>

**HEALTH SERVICE REGION 3 - 2016  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

		WEST NILE NEUROINVASIVE DISEASE		YERSINIOSIS		ZIKA VIRUS DISEASE	
COUNTY	2016 POP.	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	986,904	12	1.2	0	0.0	8	0.8
COOKE	40,388	0	0.0	0	0.0	0	0.0
DALLAS	2,524,470	40	1.6	1	0.0	44	1.7
DENTON	817,359	10	1.2	0	0.0	9	1.1
ELLIS	178,372	3	1.7	0	0.0	1	0.6
ERATH	39,942	0	0.0	0	0.0	0	0.0
FANNIN	36,169	0	0.0	0	0.0	0	0.0
GRAYSON	128,394	5	3.9	0	0.0	1	0.8
HOOD	57,122	0	0.0	0	0.0	0	0.0
HUNT	94,944	4	4.2	0	0.0	0	0.0
JOHNSON	171,358	5	2.9	0	0.0	0	0.0
KAUFMAN	128,865	0	0.0	0	0.0	0	0.0
NAVARRO	52,236	4	7.7	0	0.0	1	1.9
PALO PINTO	30,285	2	6.6	0	0.0	1	3.3
PARKER	140,735	2	1.4	0	0.0	1	0.7
ROCKWALL	99,630	1	1.0	0	0.0	0	0.0
SOMERVELL	9,647	0	0.0	0	0.0	0	0.0
TARRANT	1,991,639	29	1.5	3	0.2	28	1.4
WISE	67,865	1	1.5	1	1.5	1	1.5
<b>REGIONAL TOTALS</b>	<b>7,596,324</b>	<b>118</b>	<b>1.6</b>	<b>5</b>	<b>0.1</b>	<b>95</b>	<b>1.3</b>
<b>STATEWIDE TOTALS</b>	<b>28,240,245</b>	<b>252</b>	<b>0.9</b>	<b>58</b>	<b>0.2</b>	<b>315</b>	<b>1.1</b>

<sup>1</sup> DSHS Center for Health Statistics projected 2016 Texas population data <https://www.dshs.texas.gov/chs/popdat/ST2016p.shtm> accessed 09/13/2016.