

**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	AMEBIASIS		AMEBIC CNS		AMEBIC MENINGITIS, OTHER		ANAPLASMA PHAGOCYTOPHILUM		BABESIOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	51,516	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>1</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>206</b>	<b>0.7</b>	<b>2</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>3</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>

**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	BOTULISM, INFANT <sup>2</sup>		BOTULISM, OTHER		BOTULISM, WOUND		BRUCELLOSIS		CAMPYLO- BACTERIOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	0	0.0	5	8.3
BOWIE	93,848	0	0.0	0	0.0	0	0.0	0	0.0	8	8.5
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0	2	6.4
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0	5	9.2
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0	1	18.2
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0	2	17.8
GREGG	128,803	0	0.0	0	0.0	0	0.0	0	0.0	5	3.9
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0	3	4.4
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0	4	4.9
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0	1	2.7
LAMAR	51,516	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0	1	7.4
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0	1	4.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0	3	5.2
SMITH	225,731	0	0.0	0	0.0	0	0.0	0	0.0	15	6.6
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	0	0.0	3	7.1
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	0	0.0	3	5.4
WOOD	45,341	0	0.0	0	0.0	0	0.0	0	0.0	5	11.0
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>69</b>	<b>5.9</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>7</b>	<b>1.7</b>	<b>1</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>23</b>	<b>0.1</b>	<b>3,944</b>	<b>14.2</b>

**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	CARBAPENEM-RESISTANT ENTEROBACTERIACEAE (CRE)		CHAGAS, CHRONIC INDETERMINATE		CHAGAS, CHRONIC SYMPTOMATIC		CHICKENPOX (VARICELLA)		CHIKUNGUNYA NON-NEUROINVASIVE DISEASE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	2	3.3	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	2	3.7	0	0.0	0	0.0	3	5.5	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0	1	8.9
GREGG	128,803	0	0.0	0	0.0	0	0.0	5	3.9	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0	1	1.2
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	51,516	4	7.8	0	0.0	0	0.0	2	3.9	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	1	7.4	0	0.0	0	0.0	1	7.4	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	0	0.0	9	4.0	0	0.0
TITUS	34,910	2	5.7	0	0.0	0	0.0	1	2.9	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0
VAN ZANDT	55,413	2	3.6	0	0.0	0	0.0	2	3.6	0	0.0
WOOD	45,341	1	2.2	0	0.0	0	0.0	0	0.0	0	0.0

<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>12</b>	<b>1.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>26</b>	<b>2.2</b>	<b>2</b>	<b>0.2</b>
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<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>874</b>	<b>3.2</b>	<b>21</b>	<b>0.1</b>	<b>4</b>	<b>0.0</b>	<b>1,491</b>	<b>5.4</b>	<b>55</b>	<b>0.2</b>
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**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	CREUTZFELDT-JAKOB DISEASE		CRYPTOSPORIDIOSIS		CYCLOSPORIASIS		CYSTICERCOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	1	1.7	0	0.0
BOWIE	93,848	0	0.0	1	1.1	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	1	1.2	0	0.0
HOPKINS	36,774	0	0.0	1	2.7	0	0.0	0	0.0
LAMAR	51,516	0	0.0	2	3.9	0	0.0	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	2	15.1	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	0	0.0	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	1	2.4	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>0</b>	<b>0.0</b>	<b>7</b>	<b>0.6</b>	<b>2</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>18</b>	<b>0.1</b>	<b>740</b>	<b>2.7</b>	<b>316</b>	<b>1.1</b>	<b>14</b>	<b>0.1</b>

**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	DENGUE		DENGUE, SEVERE		<i>EHRlichia CHAFFEENSIS</i>		<i>ESCHERICHIA COLI, SHIGA TOXIN-PRODUCING (STEC)</i>	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	3	3.2
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	2	2.9
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	2	2.5
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	2	5.4
LAMAR	51,516	0	0.0	0	0.0	0	0.0	1	1.9
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	1	7.4
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	1	0.4	1	0.4
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	1	2.4
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	2	3.6
WOOD	45,341	0	0.0	0	0.0	1	2.2	1	2.2
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.2</b>	<b>16</b>	<b>1.4</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>30</b>	<b>0.1</b>	<b>2</b>	<b>0.0</b>	<b>8</b>	<b>0.0</b>	<b>610</b>	<b>2.2</b>

**HEALTH SERVICE REGION 4 - 2015**  
**CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	FLAVIVIRUS, UNSPECIFIED		<i>HAEMOPHILUS INFLUENZAE</i> TYPE B, INVASIVE		HANTAVIRUS PULMONARY SYNDROME		HEMOLYTIC UREMIC SYNDROME	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	51,516	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	0	0.0	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	1	2.2
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.1</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>8</b>	<b>0.0</b>	<b>11</b>	<b>0.0</b>	<b>2</b>	<b>0.0</b>	<b>14</b>	<b>0.1</b>

**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	HEPATITIS A, ACUTE		HEPATITIS B, ACUTE		HEPATITIS B, PERINATAL <sup>2</sup> (AGE <24 MONTHS)		HEPATITIS C, ACUTE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	1	1.7	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	1	0.8	2	1.6	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	51,516	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	0	0.0	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>2</b>	<b>0.2</b>	<b>2</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>147</b>	<b>0.5</b>	<b>159</b>	<b>0.6</b>	<b>1</b>	<b>0.1</b>	<b>48</b>	<b>0.2</b>

**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	HEPATITIS E, ACUTE		INFLUENZA-ASSOCIATED PEDIATRIC MORTALITY <sup>2</sup>		LEGIONELLOSIS		LEISHMANIASIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	1	1.7	0	0.0
BOWIE	93,848	1	1.1	0	0.0	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	1	1.8	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	1	3.1	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	1	2.7	0	0.0
LAMAR	51,516	0	0.0	0	0.0	1	1.9	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	4	1.8	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	1	1.8	0	0.0
WOOD	45,341	0	0.0	0	0.0	2	4.4	0	0.0
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>1</b>	<b>0.1</b>	<b>1</b>	<b>0.4</b>	<b>11</b>	<b>0.9</b>	<b>0</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>15</b>	<b>0.1</b>	<b>12</b>	<b>0.2</b>	<b>292</b>	<b>1.1</b>	<b>6</b>	<b>0.0</b>



**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	LISTERIOSIS		LYME DISEASE		MALARIA		MEASLES	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	51,516	0	0.0	0	0.0	1	1.9	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	1	7.4	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	1	0.4	0	0.0	1	0.4	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>2</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>41</b>	<b>0.1</b>	<b>54</b>	<b>0.2</b>	<b>99</b>	<b>0.4</b>	<b>1</b>	<b>0.0</b>

**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	MENINGOCOCCAL INFECTION		MULTIDRUG-RESISTANT ACINETOBACTER (MDR-A)		MUMPS		PERTUSSIS		Q FEVER, ACUTE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	1	1.7	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	7	7.5	0	0.0	3	3.2	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	2	6.4	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	8	6.2	0	0.0	0	0.0	0	0.0
HARRISON	68,889	0	0.0	2	2.9	0	0.0	2	2.9	0	0.0
HENDERSON	81,372	0	0.0	2	2.5	0	0.0	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	1	2.7	0	0.0	0	0.0	0	0.0
LAMAR	51,516	0	0.0	2	3.9	0	0.0	3	5.8	0	0.0
MARION	11,059	0	0.0	1	9.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	1	4.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	1	7.6	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	1	1.7	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	3	1.3	0	0.0	26	11.5	0	0.0
TITUS	34,910	0	0.0	1	2.9	0	0.0	1	2.9	0	0.0
UPSHUR	42,223	0	0.0	6	14.2	0	0.0	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	1	1.8	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	2	4.4	0	0.0

<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>1</b>	<b>0.1</b>	<b>38</b>	<b>3.2</b>	<b>0</b>	<b>0.0</b>	<b>39</b>	<b>3.3</b>	<b>0</b>	<b>0.0</b>
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<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>30</b>	<b>0.1</b>	<b>977</b>	<b>3.5</b>	<b>20</b>	<b>0.1</b>	<b>1,504</b>	<b>5.4</b>	<b>8</b>	<b>0.0</b>
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**HEALTH SERVICE REGION 4 - 2015**  
**CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	Q FEVER, CHRONIC		RELAPSING FEVER		RUBELLA		SALMONELLOSIS		SHIGELLOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	14	23.2	1	1.7
BOWIE	93,848	0	0.0	0	0.0	0	0.0	21	22.4	1	1.1
CAMP	13,421	0	0.0	0	0.0	0	0.0	2	14.9	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	9	28.7	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	3	5.5	16	29.6
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	2	17.8	0	0.0
GREGG	128,803	0	0.0	0	0.0	0	0.0	28	21.7	7	5.4
HARRISON	68,889	0	0.0	0	0.0	0	0.0	15	21.8	9	13.1
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	14	17.2	3	3.7
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	9	24.5	0	0.0
LAMAR	51,516	0	0.0	0	0.0	0	0.0	9	17.5	19	36.9
MARION	11,059	0	0.0	0	0.0	0	0.0	2	18.1	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	3	22.3	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	2	8.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	2	15.1	1	7.6
RUSK	58,150	0	0.0	0	0.0	0	0.0	15	25.8	3	5.2
SMITH	225,731	0	0.0	0	0.0	0	0.0	19	8.4	4	1.8
TITUS	34,910	0	0.0	0	0.0	0	0.0	2	5.7	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	12	28.4	1	2.4
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	9	16.2	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	17	37.5	8	17.6

<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>209</b>	<b>17.8</b>	<b>73</b>	<b>6.2</b>
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<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>5</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>2</b>	<b>0.0</b>	<b>5,727</b>	<b>20.7</b>	<b>5,623</b>	<b>20.3</b>
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**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	SPOTTED FEVER GP RICKETTSIOSSES		STREPTOCOCCUS, GROUP A		STREPTOCOCCUS, GROUP B		STREPTOCOCCUS PNEUMONIAE		TAENIASIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	1	1.7	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	5	5.3	7	7.5	8	8.5	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	1	3.2	0	0.0	1	3.2	5	16.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	2	36.3	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	3	2.3	11	8.5	24	18.6	0	0.0
HARRISON	68,889	0	0.0	2	2.9	5	7.3	12	17.4	0	0.0
HENDERSON	81,372	0	0.0	1	1.2	2	2.5	2	2.5	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	1	2.7	0	0.0	0	0.0
LAMAR	51,516	0	0.0	0	0.0	0	0.0	4	7.8	0	0.0
MARION	11,059	0	0.0	0	0.0	1	9.0	2	18.1	0	0.0
MORRIS	13,438	0	0.0	0	0.0	1	7.4	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	1	4.0	3	12.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	2	3.4	3	5.2	0	0.0
SMITH	225,731	0	0.0	0	0.0	1	0.4	2	0.9	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	2	4.7	3	7.1	3	7.1	0	0.0
VAN ZANDT	55,413	0	0.0	2	3.6	0	0.0	4	7.2	0	0.0
WOOD	45,341	0	0.0	1	2.2	2	4.4	1	2.2	0	0.0

<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>1</b>	<b>0.1</b>	<b>17</b>	<b>1.4</b>	<b>38</b>	<b>3.2</b>	<b>75</b>	<b>6.4</b>	<b>0</b>	<b>0.0</b>
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<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>61</b>	<b>0.2</b>	<b>729</b>	<b>2.6</b>	<b>1,703</b>	<b>6.1</b>	<b>1,693</b>	<b>6.1</b>	<b>6</b>	<b>0.0</b>
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**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	TETANUS		TRICHINOSIS		TULAREMIA		TYPHOID FEVER	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	0	0.0	0	0.0	1	0.8
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	51,516	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	0	0.0	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	0	0.0
<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>0.1</b>
<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>2</b>	<b>0.0</b>	<b>4</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>24</b>	<b>0.1</b>

**HEALTH SERVICE REGION 4 - 2015**  
**CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

COUNTY	2015 POP.	TYPHUS, MURINE		<i>VIBRIO</i> <i>PARAHAEMOLYTICUS</i>		<i>VIBRIO</i> <i>VULNIFICUS</i>		<i>VIBRIO</i> , OTHER/UNSPECIFIED	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	0	0.0	0	0.0	1	3.2
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	51,516	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	0	0.0	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	1	1.8
WOOD	45,341	0	0.0	0	0.0	0	0.0	0	0.0

<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.2</b>
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<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>324</b>	<b>1.2</b>	<b>22</b>	<b>0.1</b>	<b>35</b>	<b>0.1</b>	<b>45</b>	<b>0.2</b>
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**HEALTH SERVICE REGION 4 - 2015  
CASES AND RATES (CASES PER 100,000 POPULATION<sup>1</sup>)**

		VISA		WEST NILE FEVER		WEST NILE NEUROINVASIVE DISEASE		YERSINIOSIS		ZIKA	
COUNTY	2015 POP.	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	60,367	0	0.0	0	0.0	1	1.7	0	0.0	0	0.0
BOWIE	93,848	0	0.0	0	0.0	0	0.0	2	2.1	0	0.0
CAMP	13,421	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,323	0	0.0	1	3.2	1	3.2	0	0.0	0	0.0
CHEROKEE	54,099	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,505	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,220	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	128,803	0	0.0	1	0.8	2	1.6	0	0.0	0	0.0
HARRISON	68,889	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	81,372	0	0.0	0	0.0	1	1.2	0	0.0	0	0.0
HOPKINS	36,774	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	51,516	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,059	0	0.0	0	0.0	0	0.0	1	9.0	0	0.0
MORRIS	13,438	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	24,912	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,019	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,227	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	58,150	0	0.0	0	0.0	1	1.7	0	0.0	0	0.0
SMITH	225,731	0	0.0	0	0.0	3	1.3	0	0.0	0	0.0
TITUS	34,910	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	42,223	0	0.0	0	0.0	1	2.4	0	0.0	0	0.0
VAN ZANDT	55,413	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	45,341	0	0.0	0	0.0	0	0.0	1	2.2	0	0.0

<b>REGIONAL TOTALS</b>	<b>1,173,560</b>	<b>0</b>	<b>0.0</b>	<b>2</b>	<b>0.2</b>	<b>10</b>	<b>0.9</b>	<b>4</b>	<b>0.3</b>	<b>0</b>	<b>0.0</b>
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<b>STATEWIDE TOTALS</b>	<b>27,695,284</b>	<b>9</b>	<b>0.0</b>	<b>79</b>	<b>0.3</b>	<b>196</b>	<b>0.7</b>	<b>44</b>	<b>0.2</b>	<b>8</b>	<b>0.0</b>
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<sup>1</sup> DSHS Center for Health Statistics projected 2015 Texas population data <https://www.dshs.texas.gov/chs/popdat/ST2015.shtm> accessed 02/03/2015.  
<sup>2</sup> Infant botulism, Perinatal hepatitis B and Influenza-associated pediatric mortality rates are calculated using county populations < 1 y, < 2 y and < 18 y of age.