

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	AMEBIASIS		AMEBIC MENINGITIS, OTHER		ANAPLASMA PHAGOCYTOPHILUM		ANCYLOSTOMIASIS (HOOKWORM)	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	1	1.2	0	0.0	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	0	0.0	0	0.0	0	0.0	0	0.0
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	1	0.1	0	0.0	0	0.0	0	0.0
STATEWIDE TOTALS	29,366,479	123	0.4	3	0.0	4	0.0	8	0.0

**HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

COUNTY	2018 POP.	ASCARIASIS		BABESIOSIS		BOTULISM, FOODBORNE		BOTULISM, INFANT ²	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	0	0.0	0	0.0	0	0.0	2	59.9
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	0	0.0	0	0.0	0	0.0	2	12.8
STATEWIDE TOTALS	29,366,479	19	0.1	2	0.0	1	0.0	11	2.5

**HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

COUNTY	2018 POP.	BOTULISM, OTHER		BRUCELLOSIS		CAMPYLOBACTERIOSIS		CARBAPENEM-RESISTANT ENTEROBACTERIACE AE (CRE)	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	25	40.7	1	1.6
BOWIE	94,579	0	0.0	0	0.0	9	9.5	1	1.1
CAMP	14,013	0	0.0	0	0.0	1	7.1	0	0.0
CASS	31,760	0	0.0	0	0.0	5	15.7	1	3.1
CHEROKEE	56,215	0	0.0	0	0.0	7	12.5	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	3	25.9	0	0.0
GREGG	133,401	0	0.0	0	0.0	5	3.7	4	3.0
HARRISON	70,840	0	0.0	0	0.0	6	8.5	0	0.0
HENDERSON	83,089	0	0.0	1	1.2	8	9.6	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	4	10.6	1	2.6
LAMAR	52,456	0	0.0	0	0.0	2	3.8	0	0.0
MARION	11,285	0	0.0	0	0.0	1	8.9	1	8.9
MORRIS	13,733	0	0.0	0	0.0	3	21.8	0	0.0
PANOLA	25,541	0	0.0	1	3.9	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	3	23.7	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	1	7.5	0	0.0
RUSK	61,213	0	0.0	0	0.0	4	6.5	0	0.0
SMITH	235,940	0	0.0	0	0.0	54	22.9	4	1.7
TITUS	36,614	0	0.0	0	0.0	1	2.7	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	6	13.7	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	9	15.8	0	0.0
WOOD	47,309	0	0.0	0	0.0	13	27.5	1	2.1
REGIONAL TOTALS	1,211,644	0	0.0	2	0.2	170	14.0	14	1.2
STATEWIDE TOTALS	29,366,479	1	0.0	18	0.1	5,048	17.2	1,245	4.2

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	CHAGAS, ACUTE		CHAGAS, CHRONIC INDETERMINATE		CHAGAS, CHRONIC SYMPTOMATIC		CHICKENPOX (VARICELLA)	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	2	3.6
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	0	0.0	1	0.7
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	1	1.6
SMITH	235,940	0	0.0	0	0.0	0	0.0	6	2.5
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	2	3.5
WOOD	47,309	0	0.0	0	0.0	0	0.0	2	4.2
REGIONAL TOTALS	1,211,644	0	0.0	0	0.0	0	0.0	14	1.2
STATEWIDE TOTALS	29,366,479	1	0.0	23	0.1	8	0.0	972	3.3

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	CHIKUNGUNYA		CRYPTOSPORIDIOSIS		CYCLOSPORIASIS		CYSTICERCOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	1	1.6	0	0.0	0	0.0
BOWIE	94,579	0	0.0	3	3.2	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	1	3.1	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	4	3.0	0	0.0	0	0.0
HARRISON	70,840	0	0.0	2	2.8	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	3	3.6	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	3	5.7	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	1	7.5	0	0.0	0	0.0
RUSK	61,213	0	0.0	2	3.3	0	0.0	0	0.0
SMITH	235,940	0	0.0	8	3.4	4	1.7	0	0.0
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	4	7.0	1	1.8	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	0	0.0	32	2.6	5	0.4	0	0.0
STATEWIDE TOTALS	29,366,479	7	0.0	987	3.4	353	1.2	12	0.0

**HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

COUNTY	2018 POP.	DENGUE		ECHINOCOCCOSIS		EHRlichia CHAFFEENSIS		ENCEPHALITIS, LA CROSSE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	1	3.1	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	0	0.0	0	0.0	0	0.0	0	0.0
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0

REGIONAL TOTALS	1,211,644	0	0.0	0	0.0	1	0.1	0	0.0
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STATEWIDE TOTALS	29,366,479	20	0.1	2	0.0	9	0.0	1	0.0
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HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	ESCHERICHIA COLI, SHIGA TOXIN- PRODUCING (STEC)		FASCIOLIASIS		HAEMOPHILUS INFLUENZAE, INVASIVE		HANTAVIRUS INFECTION	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	3	4.9	0	0.0	0	0.0	0	0.0
BOWIE	94,579	7	7.4	0	0.0	2	2.1	0	0.0
CAMP	14,013	1	7.1	0	0.0	0	0.0	0	0.0
CASS	31,760	2	6.3	0	0.0	1	3.1	0	0.0
CHEROKEE	56,215	2	3.6	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	1	17.6	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	4	3.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	3	4.2	0	0.0
HENDERSON	83,089	1	1.2	0	0.0	3	3.6	0	0.0
HOPKINS	37,796	1	2.6	0	0.0	2	5.3	0	0.0
LAMAR	52,456	0	0.0	0	0.0	2	3.8	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	1	3.9	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	2	3.3	0	0.0	0	0.0	0	0.0
SMITH	235,940	3	1.3	0	0.0	4	1.7	0	0.0
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	4	9.1	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	2	3.5	0	0.0	2	3.5	0	0.0
WOOD	47,309	1	2.1	0	0.0	3	6.3	0	0.0
REGIONAL TOTALS	1,211,644	29	2.4	0	0.0	28	2.3	0	0.0
STATEWIDE TOTALS	29,366,479	1,363	4.6	1	0.0	464	1.6	1	0.0

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	HEMOLYTIC UREMIC SYNDROME		HEPATITIS A, ACUTE		HEPATITIS B, ACUTE		HEPATITIS B, PERINATAL ³	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	3	3.6	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	2	3.8	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	0	0.0	0	0.0	1	0.4	0	0.0
TITUS	36,614	0	0.0	0	0.0	1	2.7	0	0.0
UPSHUR	43,948	0	0.0	1	2.3	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	0	0.0	4	0.3	4	0.3	0	0.0
STATEWIDE TOTALS	29,366,479	18	0.1	88	0.3	102	0.3	1	0.1

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	HEPATITIS C, ACUTE		HEPATITIS E, ACUTE		INFLUENZA-ASSOCIATED PEDIATRIC MORTALITY ⁴		LEGIONELLOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	3	4.9
BOWIE	94,579	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	1	7.1
CASS	31,760	0	0.0	0	0.0	0	0.0	1	3.1
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	0	0.0	1	0.7
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	0	0.0	2	2.4
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	1	2.6
LAMAR	52,456	1	1.9	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	1	1.6	0	0.0	0	0.0	2	3.3
SMITH	235,940	1	0.4	0	0.0	0	0.0	10	4.2
TITUS	36,614	0	0.0	0	0.0	0	0.0	1	2.7
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	1	1.8	0	0.0	0	0.0	1	1.8
WOOD	47,309	1	2.1	0	0.0	0	0.0	3	6.3
REGIONAL TOTALS	1,211,644	5	0.4	0	0.0	0	0.0	26	2.1
STATEWIDE TOTALS	29,366,479	76	0.3	31	0.1	13	0.2	415	1.4

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	LEISHMANIASIS		LISTERIOSIS		LYME DISEASE		MALARIA	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	1	1.1	1	1.1	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	1	0.7	0	0.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	1	1.9	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	1	7.5	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	0	0.0	0	0.0	1	0.4	1	0.4
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	0	0.0	3	0.2	3	0.2	1	0.1
STATEWIDE TOTALS	29,366,479	15	0.1	54	0.2	47	0.2	144	0.5

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	MEASLES		MENINGOCOCCAL INFECTION		MULTIDRUG-RESISTANT ACINETOBACTER (MDR-A)		MUMPS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	1	1.6	0	0.0
BOWIE	94,579	0	0.0	0	0.0	9	9.5	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	1	3.1	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	1	17.6	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	22	16.5	0	0.0
HARRISON	70,840	0	0.0	0	0.0	5	7.1	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	5	6.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	1	2.6	0	0.0
LAMAR	52,456	0	0.0	0	0.0	1	1.9	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	1	7.3	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	1	7.5	0	0.0
RUSK	61,213	0	0.0	0	0.0	1	1.6	0	0.0
SMITH	235,940	0	0.0	0	0.0	5	2.1	1	0.4
TITUS	36,614	0	0.0	0	0.0	2	5.5	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	4	9.1	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	2	3.5	0	0.0
WOOD	47,309	0	0.0	0	0.0	1	2.1	0	0.0
REGIONAL TOTALS	1,211,644	0	0.0	0	0.0	63	5.2	1	0.1
STATEWIDE TOTALS	29,366,479	9	0.0	21	0.1	1,354	4.6	264	0.9

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	PERTUSSIS		Q FEVER, ACUTE		Q FEVER, CHRONIC		RICKETTSIA, UNSPECIFIED	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	1	1.6	0	0.0	0	0.0	0	0.0
BOWIE	94,579	4	4.2	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	1	3.1	0	0.0
CHEROKEE	56,215	2	3.6	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	1	1.2	0	0.0	0	0.0	0	0.0
HOPKINS	37,796	5	13.2	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	7	3.0	0	0.0	0	0.0	0	0.0
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	20	1.7	0	0.0	1	0.1	0	0.0
STATEWIDE TOTALS	29,366,479	1,168	4.0	16	0.1	6	0.0	12	0.0

**HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

COUNTY	2018 POP.	RUBELLA		SALMONELLOSIS		SHIGELLOSIS		SPOTTED FEVER GP RICKETTSIOSES	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	7	11.4	0	0.0	0	0.0
BOWIE	94,579	0	0.0	21	22.2	6	6.3	2	2.1
CAMP	14,013	0	0.0	1	7.1	2	14.3	0	0.0
CASS	31,760	0	0.0	2	6.3	2	6.3	2	6.3
CHEROKEE	56,215	0	0.0	15	26.7	0	0.0	0	0.0
DELTA	5,677	0	0.0	2	35.2	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	2	17.3	0	0.0	0	0.0
GREGG	133,401	0	0.0	33	24.7	0	0.0	0	0.0
HARRISON	70,840	0	0.0	18	25.4	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	22	26.5	3	3.6	0	0.0
HOPKINS	37,796	0	0.0	4	10.6	0	0.0	0	0.0
LAMAR	52,456	0	0.0	9	17.2	1	1.9	1	1.9
MARION	11,285	0	0.0	4	35.4	0	0.0	0	0.0
MORRIS	13,733	0	0.0	6	43.7	0	0.0	0	0.0
PANOLA	25,541	0	0.0	4	15.7	0	0.0	0	0.0
RAINS	12,678	0	0.0	3	23.7	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	2	14.9	0	0.0	1	7.5
RUSK	61,213	0	0.0	11	18.0	1	1.6	0	0.0
SMITH	235,940	0	0.0	49	20.8	1	0.4	0	0.0
TITUS	36,614	0	0.0	5	13.7	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	8	18.2	1	2.3	0	0.0
VAN ZANDT	57,106	0	0.0	18	31.5	1	1.8	0	0.0
WOOD	47,309	0	0.0	6	12.7	1	2.1	1	2.1
REGIONAL TOTALS	1,211,644	0	0.0	252	20.8	19	1.6	7	0.6
STATEWIDE TOTALS	29,366,479	2	0.0	5,888	20.1	1,357	4.6	76	0.3

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	STREPTOCOCCUS PNEUMONIAE		STREPTOCOCCUS, GROUP A		STREPTOCOCCUS, GROUP B		TAENIASIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	4	6.5	0	0.0	0	0.0
BOWIE	94,579	12	12.7	4	4.2	10	10.6	0	0.0
CAMP	14,013	3	21.4	0	0.0	1	7.1	0	0.0
CASS	31,760	5	15.7	1	3.1	3	9.4	0	0.0
CHEROKEE	56,215	5	8.9	0	0.0	2	3.6	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	1	8.6	0	0.0	0	0.0	0	0.0
GREGG	133,401	19	14.2	11	8.2	17	12.7	0	0.0
HARRISON	70,840	8	11.3	2	2.8	2	2.8	0	0.0
HENDERSON	83,089	4	4.8	1	1.2	4	4.8	0	0.0
HOPKINS	37,796	1	2.6	0	0.0	3	7.9	0	0.0
LAMAR	52,456	0	0.0	1	1.9	1	1.9	0	0.0
MARION	11,285	1	8.9	2	17.7	1	8.9	0	0.0
MORRIS	13,733	2	14.6	0	0.0	2	14.6	0	0.0
PANOLA	25,541	2	7.8	0	0.0	2	7.8	0	0.0
RAINS	12,678	1	7.9	0	0.0	2	15.8	0	0.0
RED RIVER	13,388	1	7.5	0	0.0	1	7.5	0	0.0
RUSK	61,213	3	4.9	0	0.0	5	8.2	0	0.0
SMITH	235,940	12	5.1	7	3.0	17	7.2	0	0.0
TITUS	36,614	0	0.0	0	0.0	1	2.7	0	0.0
UPSHUR	43,948	4	9.1	1	2.3	3	6.8	0	0.0
VAN ZANDT	57,106	5	8.8	4	7.0	2	3.5	0	0.0
WOOD	47,309	7	14.8	0	0.0	2	4.2	0	0.0
REGIONAL TOTALS	1,211,644	96	7.9	38	3.1	81	6.7	0	0.0
STATEWIDE TOTALS	29,366,479	2,029	6.9	1,023	3.5	2,016	6.9	1	0.0

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	TETANUS		TRICHURIASIS		TYPHOID FEVER		TYPHUS, MURINE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	0	0.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	0	0.0	0	0.0	0	0.0	1	0.4
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	0	0.0	0	0.0	0	0.0	1	0.1
STATEWIDE TOTALS	29,366,479	1	0.0	6	0.0	29	0.1	738	2.5

HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)

COUNTY	2018 POP.	VIBRIO PARAHAEMOLYTICUS		VIBRIO VULNIFICUS		VIBRIO, OTHER/UNSPECIFIED		VISA	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	0	0.0	0	0.0	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	0	0.0	1	0.7	1	0.7
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	1	1.2	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	0	0.0	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	0	0.0	0	0.0	2	0.8	0	0.0
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	1	2.3	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	0	0.0	0	0.0	5	0.4	1	0.1
STATEWIDE TOTALS	29,366,479	43	0.1	22	0.1	206	0.7	3	0.0

**HEALTH SERVICE REGION 4 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

COUNTY	2018 POP.	WEST NILE FEVER		WEST NILE NEUROINVASIVE DISEASE		YERSINIOSIS		ZIKA VIRUS DISEASE	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
ANDERSON	61,477	0	0.0	0	0.0	0	0.0	0	0.0
BOWIE	94,579	0	0.0	0	0.0	1	1.1	0	0.0
CAMP	14,013	0	0.0	0	0.0	0	0.0	0	0.0
CASS	31,760	0	0.0	0	0.0	0	0.0	0	0.0
CHEROKEE	56,215	0	0.0	0	0.0	0	0.0	0	0.0
DELTA	5,677	0	0.0	0	0.0	0	0.0	0	0.0
FRANKLIN	11,586	0	0.0	0	0.0	0	0.0	0	0.0
GREGG	133,401	0	0.0	2	1.5	0	0.0	0	0.0
HARRISON	70,840	0	0.0	0	0.0	0	0.0	0	0.0
HENDERSON	83,089	0	0.0	0	0.0	0	0.0	0	0.0
HOPKINS	37,796	0	0.0	0	0.0	0	0.0	0	0.0
LAMAR	52,456	0	0.0	0	0.0	0	0.0	0	0.0
MARION	11,285	0	0.0	0	0.0	0	0.0	0	0.0
MORRIS	13,733	0	0.0	0	0.0	1	7.3	0	0.0
PANOLA	25,541	0	0.0	0	0.0	0	0.0	0	0.0
RAINS	12,678	0	0.0	0	0.0	0	0.0	0	0.0
RED RIVER	13,388	0	0.0	0	0.0	0	0.0	0	0.0
RUSK	61,213	0	0.0	0	0.0	0	0.0	0	0.0
SMITH	235,940	1	0.4	3	1.3	0	0.0	0	0.0
TITUS	36,614	0	0.0	0	0.0	0	0.0	0	0.0
UPSHUR	43,948	0	0.0	0	0.0	0	0.0	0	0.0
VAN ZANDT	57,106	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	47,309	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	1,211,644	1	0.1	5	0.4	2	0.2	0	0.0
STATEWIDE TOTALS	29,366,479	38	0.1	108	0.4	35	0.1	4	0.0

¹ Population data is projected population accessed 4/18/18 from the Department of State Health Services, Center for Health Statistics <http://www.dshs.state.tx.us/chs/popdat/popup.shtm>.

² Infant botulism rates are calculated using county populations under 1 year of age.)

³ Perinatal hepatitis B rates are calculated using county populations under 2 years of age.

⁴ Pediatric influenza deaths are calculated using county populations under 18 years of age.