

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	3	0.3	0	0.0	0	0.0	0	0.0
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	24	0.9	1	0.0	1	0.0	1	0.0
DENTON	877,332	3	0.3	0	0.0	0	0.0	0	0.0
ELLIS	189,032	1	0.5	0	0.0	0	0.0	0	0.0
ERATH	40,787	1	2.5	0	0.0	0	0.0	0	0.0
FANNIN	36,962	1	2.7	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	59,191	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	98,305	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	178,835	1	0.6	0	0.0	0	0.0	0	0.0
KAUFMAN	138,601	1	0.7	0	0.0	0	0.0	0	0.0
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	1	0.7	0	0.0	0	0.0	0	0.0
ROCKWALL	107,563	1	0.9	0	0.0	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	7	0.3	0	0.0	0	0.0	0	0.0
WISE	71,081	1	1.4	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	45	0.6	1	0.0	1	0.0	1	0.0
STATEWIDE TOTALS	29,366,479	123	0.4	3	0.0	4	0.0	8	0.0

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	0	0.0	0	0.0	0	0.0	1	8.2
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	3	0.1	0	0.0	1	0.0	0	0.0
DENTON	877,332	0	0.0	0	0.0	0	0.0	0	0.0
ELLIS	189,032	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,787	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,962	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	0	0.0	1	63.6
HOOD	59,191	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	98,305	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	178,835	0	0.0	0	0.0	0	0.0	0	0.0
KAUFMAN	138,601	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	107,563	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	1	0.0	0	0.0	0	0.0	0	0.0
WISE	71,081	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	4	0.1	0	0.0	1	0.0	2	1.8
STATEWIDE TOTALS	29,366,479	19	0.1	2	0.0	1	0.0	11	2.5

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	0	0.0	0	0.0	83	7.8	17	1.6
COOKE	41,073	0	0.0	0	0.0	5	12.2	0	0.0
DALLAS	2,581,608	0	0.0	0	0.0	242	9.4	59	2.3
DENTON	877,332	0	0.0	0	0.0	59	6.7	16	1.8
ELLIS	189,032	0	0.0	0	0.0	19	10.1	5	2.6
ERATH	40,787	0	0.0	0	0.0	21	51.5	0	0.0
FANNIN	36,962	0	0.0	0	0.0	6	16.2	1	2.7
GRAYSON	130,993	0	0.0	0	0.0	22	16.8	2	1.5
HOOD	59,191	0	0.0	0	0.0	8	13.5	0	0.0
HUNT	98,305	0	0.0	0	0.0	8	8.1	0	0.0
JOHNSON	178,835	0	0.0	0	0.0	40	22.4	5	2.8
KAUFMAN	138,601	0	0.0	0	0.0	11	7.9	3	2.2
NAVARRO	53,811	0	0.0	0	0.0	9	16.7	1	1.9
PALO PINTO	30,988	0	0.0	0	0.0	3	9.7	0	0.0
PARKER	149,616	0	0.0	0	0.0	21	14.0	1	0.7
ROCKWALL	107,563	0	0.0	0	0.0	5	4.6	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	3	29.8	0	0.0
TARRANT	2,057,926	0	0.0	1	0.0	281	13.7	50	2.4
WISE	71,081	0	0.0	0	0.0	12	16.9	2	2.8
REGIONAL TOTALS	7,919,315	0	0.0	1	0.0	858	10.8	162	2.0
STATEWIDE TOTALS	29,366,479	1	0.0	18	0.1	5,048	17.2	1,245	4.2

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	0	0.0	2	0.2	0	0.0	62	5.8
COOKE	41,073	0	0.0	0	0.0	0	0.0	4	9.7
DALLAS	2,581,608	0	0.0	4	0.2	1	0.0	68	2.6
DENTON	877,332	0	0.0	2	0.2	0	0.0	30	3.4
ELLIS	189,032	0	0.0	0	0.0	0	0.0	14	7.4
ERATH	40,787	0	0.0	0	0.0	0	0.0	1	2.5
FANNIN	36,962	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	0	0.0	2	1.5
HOOD	59,191	0	0.0	0	0.0	0	0.0	1	1.7
HUNT	98,305	0	0.0	0	0.0	0	0.0	3	3.1
JOHNSON	178,835	0	0.0	0	0.0	0	0.0	14	7.8
KAUFMAN	138,601	0	0.0	1	0.7	0	0.0	4	2.9
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	1	1.9
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	0	0.0	0	0.0	0	0.0	6	4.0
ROCKWALL	107,563	0	0.0	0	0.0	0	0.0	3	2.8
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	5	49.7
TARRANT	2,057,926	0	0.0	2	0.1	0	0.0	77	3.7
WISE	71,081	0	0.0	0	0.0	0	0.0	3	4.2
REGIONAL TOTALS	7,919,315	0	0.0	11	0.1	1	0.0	298	3.8
STATEWIDE TOTALS	29,366,479	1	0.0	23	0.1	8	0.0	972	3.3

**HEALTH SERVICE REGION 3 - 2018
CASES AND RATES (CASES PER 100,000 POPULATION¹)**

COUNTY	2018 POP.	CHIKUNGUNYA		CRYPTOSPORIDIOSIS		CYCLOSPORIASIS		CYSTICERCOSIS	
		CASES	RATES	CASES	RATES	CASES	RATES	CASES	RATES
COLLIN	1,065,557	1	0.1	24	2.3	15	1.4	0	0.0
COOKE	41,073	0	0.0	2	4.9	1	2.4	0	0.0
DALLAS	2,581,608	2	0.1	80	3.1	34	1.3	2	0.1
DENTON	877,332	0	0.0	19	2.2	3	0.3	0	0.0
ELLIS	189,032	0	0.0	6	3.2	3	1.6	1	0.5
ERATH	40,787	0	0.0	6	14.7	0	0.0	0	0.0
FANNIN	36,962	0	0.0	4	10.8	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	11	8.4	4	3.1	0	0.0
HOOD	59,191	0	0.0	1	1.7	0	0.0	0	0.0
HUNT	98,305	0	0.0	3	3.1	4	4.1	0	0.0
JOHNSON	178,835	0	0.0	11	6.2	0	0.0	0	0.0
KAUFMAN	138,601	0	0.0	6	4.3	1	0.7	0	0.0
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	1	3.2	0	0.0	0	0.0
PARKER	149,616	0	0.0	4	2.7	2	1.3	0	0.0
ROCKWALL	107,563	0	0.0	5	4.6	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	1	9.9	0	0.0
TARRANT	2,057,926	0	0.0	86	4.2	11	0.5	4	0.2
WISE	71,081	0	0.0	1	1.4	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	3	0.0	270	3.4	79	1.0	7	0.1
STATEWIDE TOTALS	29,366,479	7	0.0	987	3.4	353	1.2	12	0.0

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	2	0.2	1	0.1	1	0.1	0	0.0
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	2	0.1	0	0.0	1	0.0	0	0.0
DENTON	877,332	0	0.0	0	0.0	0	0.0	0	0.0
ELLIS	189,032	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,787	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,962	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	59,191	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	98,305	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	178,835	0	0.0	0	0.0	0	0.0	0	0.0
KAUFMAN	138,601	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	107,563	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	0	0.0	0	0.0	1	0.0	0	0.0
WISE	71,081	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	4	0.1	1	0.0	3	0.0	0	0.0
STATEWIDE TOTALS	29,366,479	20	0.1	2	0.0	9	0.0	1	0.0

HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	26	2.4	0	0.0	13	1.2	0	0.0
COOKE	41,073	2	4.9	0	0.0	2	4.9	0	0.0
DALLAS	2,581,608	78	3.0	0	0.0	46	1.8	0	0.0
DENTON	877,332	19	2.2	0	0.0	11	1.3	0	0.0
ELLIS	189,032	5	2.6	0	0.0	4	2.1	0	0.0
ERATH	40,787	6	14.7	0	0.0	2	4.9	0	0.0
FANNIN	36,962	3	8.1	0	0.0	1	2.7	0	0.0
GRAYSON	130,993	7	5.3	0	0.0	1	0.8	0	0.0
HOOD	59,191	3	5.1	0	0.0	0	0.0	0	0.0
HUNT	98,305	8	8.1	0	0.0	1	1.0	0	0.0
JOHNSON	178,835	16	8.9	0	0.0	2	1.1	0	0.0
KAUFMAN	138,601	4	2.9	0	0.0	8	5.8	0	0.0
NAVARRO	53,811	2	3.7	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	3	9.7	0	0.0	0	0.0	0	0.0
PARKER	149,616	16	10.7	0	0.0	3	2.0	0	0.0
ROCKWALL	107,563	7	6.5	0	0.0	1	0.9	0	0.0
SOMERVELL	10,054	2	19.9	0	0.0	1	9.9	0	0.0
TARRANT	2,057,926	136	6.6	0	0.0	47	2.3	1	0.0
WISE	71,081	7	9.8	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	350	4.4	0	0.0	143	1.8	1	0.0
STATEWIDE TOTALS	29,366,479	1,363	4.6	1	0.0	464	1.6	1	0.0

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	1	0.1	3	0.3	4	0.4	0	0.0
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	1	0.0	7	0.3	19	0.7	0	0.0
DENTON	877,332	0	0.0	5	0.6	7	0.8	0	0.0
ELLIS	189,032	0	0.0	0	0.0	1	0.5	0	0.0
ERATH	40,787	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,962	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	1	0.8	0	0.0	0	0.0	0	0.0
HOOD	59,191	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	98,305	0	0.0	1	1.0	0	0.0	0	0.0
JOHNSON	178,835	0	0.0	0	0.0	0	0.0	0	0.0
KAUFMAN	138,601	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,811	1	1.9	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	1	0.7	0	0.0	0	0.0	0	0.0
ROCKWALL	107,563	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	2	0.1	3	0.1	3	0.1	0	0.0
WISE	71,081	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	7	0.1	19	0.2	34	0.4	0	0.0
STATEWIDE TOTALS	29,366,479	18	0.1	88	0.3	102	0.3	1	0.1

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	5	0.5	2	0.2	0	0.0	21	2.0
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	17	0.7	1	0.0	3	0.4	55	2.1
DENTON	877,332	0	0.0	1	0.1	0	0.0	12	1.4
ELLIS	189,032	0	0.0	0	0.0	0	0.0	2	1.1
ERATH	40,787	0	0.0	0	0.0	0	0.0	1	2.5
FANNIN	36,962	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	59,191	0	0.0	0	0.0	0	0.0	3	5.1
HUNT	98,305	1	1.0	0	0.0	0	0.0	1	1.0
JOHNSON	178,835	0	0.0	0	0.0	0	0.0	4	2.2
KAUFMAN	138,601	0	0.0	0	0.0	0	0.0	1	0.7
NAVARRO	53,811	2	3.7	0	0.0	1	7.2	0	0.0
PALO PINTO	30,988	1	3.2	0	0.0	0	0.0	0	0.0
PARKER	149,616	3	2.0	0	0.0	0	0.0	4	2.7
ROCKWALL	107,563	1	0.9	0	0.0	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	1	9.9
TARRANT	2,057,926	1	0.0	2	0.1	0	0.0	41	2.0
WISE	71,081	0	0.0	0	0.0	0	0.0	1	1.4
REGIONAL TOTALS	7,919,315	31	0.4	6	0.1	4	0.2	147	1.9
STATEWIDE TOTALS	29,366,479	76	0.3	31	0.1	13	0.2	415	1.4

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	0	0.0	1	0.1	1	0.1	6	0.6
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	1	0.0	1	0.0	7	0.3	23	0.9
DENTON	877,332	0	0.0	1	0.1	2	0.2	3	0.3
ELLIS	189,032	0	0.0	0	0.0	0	0.0	1	0.5
ERATH	40,787	0	0.0	0	0.0	0	0.0	1	2.5
FANNIN	36,962	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	2	1.5	0	0.0	1	0.8	0	0.0
HOOD	59,191	1	1.7	0	0.0	0	0.0	0	0.0
HUNT	98,305	0	0.0	0	0.0	1	1.0	0	0.0
JOHNSON	178,835	0	0.0	1	0.6	0	0.0	1	0.6
KAUFMAN	138,601	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	1	0.7	0	0.0	2	1.3	0	0.0
ROCKWALL	107,563	0	0.0	0	0.0	1	0.9	0	0.0
SOMERVELL	10,054	1	9.9	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	0	0.0	4	0.2	2	0.1	18	0.9
WISE	71,081	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	6	0.1	8	0.1	17	0.2	53	0.7
STATEWIDE TOTALS	29,366,479	15	0.1	54	0.2	47	0.2	144	0.5

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	1	0.1	0	0.0	22	2.1	0	0.0
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	0	0.0	1	0.0	136	5.3	11	0.4
DENTON	877,332	1	0.1	1	0.1	16	1.8	2	0.2
ELLIS	189,032	6	3.2	0	0.0	3	1.6	0	0.0
ERATH	40,787	0	0.0	0	0.0	1	2.5	0	0.0
FANNIN	36,962	0	0.0	0	0.0	2	5.4	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	59,191	0	0.0	0	0.0	1	1.7	0	0.0
HUNT	98,305	0	0.0	0	0.0	18	18.3	1	1.0
JOHNSON	178,835	0	0.0	0	0.0	5	2.8	2	1.1
KAUFMAN	138,601	0	0.0	0	0.0	3	2.2	1	0.7
NAVARRO	53,811	0	0.0	0	0.0	2	3.7	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	0	0.0	0	0.0	11	7.4	0	0.0
ROCKWALL	107,563	0	0.0	0	0.0	4	3.7	1	0.9
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	0	0.0	0	0.0	86	4.2	22	1.1
WISE	71,081	0	0.0	0	0.0	2	2.8	0	0.0
REGIONAL TOTALS	7,919,315	8	0.1	2	0.0	312	3.9	40	0.5
STATEWIDE TOTALS	29,366,479	9	0.0	21	0.1	1,354	4.6	264	0.9

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	57	5.3	0	0.0	0	0.0	0	0.0
COOKE	41,073	1	2.4	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	76	2.9	1	0.0	0	0.0	0	0.0
DENTON	877,332	55	6.3	0	0.0	0	0.0	0	0.0
ELLIS	189,032	3	1.6	0	0.0	0	0.0	0	0.0
ERATH	40,787	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,962	4	10.8	1	2.7	0	0.0	0	0.0
GRAYSON	130,993	4	3.1	0	0.0	0	0.0	0	0.0
HOOD	59,191	4	6.8	0	0.0	0	0.0	0	0.0
HUNT	98,305	4	4.1	0	0.0	0	0.0	0	0.0
JOHNSON	178,835	29	16.2	0	0.0	0	0.0	0	0.0
KAUFMAN	138,601	7	5.1	0	0.0	0	0.0	0	0.0
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	1	3.2	0	0.0	0	0.0	0	0.0
PARKER	149,616	12	8.0	0	0.0	0	0.0	0	0.0
ROCKWALL	107,563	5	4.6	0	0.0	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	196	9.5	0	0.0	0	0.0	0	0.0
WISE	71,081	7	9.8	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	465	5.9	2	0.0	0	0.0	0	0.0
STATEWIDE TOTALS	29,366,479	1,168	4.0	16	0.1	6	0.0	12	0.0

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	0	0.0	139	13.0	19	1.8	2	0.2
COOKE	41,073	0	0.0	8	19.5	2	4.9	0	0.0
DALLAS	2,581,608	1	0.0	330	12.8	199	7.7	2	0.1
DENTON	877,332	0	0.0	152	17.3	29	3.3	1	0.1
ELLIS	189,032	0	0.0	34	18.0	4	2.1	0	0.0
ERATH	40,787	0	0.0	29	71.1	1	2.5	0	0.0
FANNIN	36,962	0	0.0	4	10.8	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	29	22.1	2	1.5	0	0.0
HOOD	59,191	0	0.0	20	33.8	1	1.7	0	0.0
HUNT	98,305	0	0.0	20	20.3	4	4.1	0	0.0
JOHNSON	178,835	0	0.0	69	38.6	14	7.8	1	0.6
KAUFMAN	138,601	0	0.0	23	16.6	1	0.7	0	0.0
NAVARRO	53,811	0	0.0	9	16.7	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	9	29.0	0	0.0	0	0.0
PARKER	149,616	0	0.0	43	28.7	7	4.7	0	0.0
ROCKWALL	107,563	0	0.0	13	12.1	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	2	19.9	0	0.0	0	0.0
TARRANT	2,057,926	0	0.0	427	20.7	99	4.8	1	0.0
WISE	71,081	0	0.0	27	38.0	2	2.8	0	0.0
REGIONAL TOTALS	7,919,315	1	0.0	1,387	17.5	384	4.8	7	0.1
STATEWIDE TOTALS	29,366,479	2	0.0	5,888	20.1	1,357	4.6	76	0.3

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	59	5.5	31	2.9	54	5.1	0	0.0
COOKE	41,073	5	12.2	2	4.9	4	9.7	0	0.0
DALLAS	2,581,608	316	12.2	98	3.8	285	11.0	0	0.0
DENTON	877,332	53	6.0	22	2.5	40	4.6	0	0.0
ELLIS	189,032	18	9.5	6	3.2	18	9.5	0	0.0
ERATH	40,787	5	12.3	3	7.4	3	7.4	0	0.0
FANNIN	36,962	5	13.5	4	10.8	3	8.1	0	0.0
GRAYSON	130,993	29	22.1	8	6.1	8	6.1	0	0.0
HOOD	59,191	3	5.1	1	1.7	1	1.7	0	0.0
HUNT	98,305	15	15.3	4	4.1	13	13.2	0	0.0
JOHNSON	178,835	12	6.7	13	7.3	14	7.8	0	0.0
KAUFMAN	138,601	9	6.5	9	6.5	13	9.4	0	0.0
NAVARRO	53,811	2	3.7	0	0.0	5	9.3	0	0.0
PALO PINTO	30,988	2	6.5	0	0.0	4	12.9	0	0.0
PARKER	149,616	9	6.0	10	6.7	8	5.3	0	0.0
ROCKWALL	107,563	9	8.4	2	1.9	5	4.6	0	0.0
SOMERVELL	10,054	1	9.9	1	9.9	0	0.0	0	0.0
TARRANT	2,057,926	166	8.1	88	4.3	174	8.5	0	0.0
WISE	71,081	6	8.4	1	1.4	9	12.7	0	0.0
REGIONAL TOTALS	7,919,315	724	9.1	303	3.8	661	8.3	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 3 - 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
COLLIN	1,065,557	0	0.0	0	0.0	2	0.2	1	0.1
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	0	0.0	1	0.0	5	0.2	14	0.5
DENTON	877,332	0	0.0	0	0.0	3	0.3	1	0.1
ELLIS	189,032	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,787	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,962	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	0	0.0	0	0.0
HOOD	59,191	0	0.0	0	0.0	0	0.0	1	1.7
HUNT	98,305	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	178,835	0	0.0	0	0.0	0	0.0	2	1.1
KAUFMAN	138,601	0	0.0	0	0.0	0	0.0	1	0.7
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	0	0.0	0	0.0	0	0.0	5	3.3
ROCKWALL	107,563	0	0.0	0	0.0	1	0.9	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	0	0.0	0	0.0	0	0.0	32	1.6
WISE	71,081	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	0	0.0	1	0.0	11	0.1	57	0.7
STATEWIDE TOTALS	29,366,479	1	0.0	6	0.0	29	0.1	738	2.5

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	0	0.0	0	0.0	5	0.5	0	0.0
COOKE	41,073	0	0.0	0	0.0	1	2.4	0	0.0
DALLAS	2,581,608	4	0.2	0	0.0	5	0.2	0	0.0
DENTON	877,332	0	0.0	1	0.1	2	0.2	0	0.0
ELLIS	189,032	0	0.0	0	0.0	0	0.0	0	0.0
ERATH	40,787	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,962	0	0.0	0	0.0	2	5.4	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	20	15.3	0	0.0
HOOD	59,191	0	0.0	0	0.0	3	5.1	0	0.0
HUNT	98,305	0	0.0	0	0.0	0	0.0	0	0.0
JOHNSON	178,835	0	0.0	0	0.0	0	0.0	1	0.6
KAUFMAN	138,601	0	0.0	0	0.0	0	0.0	0	0.0
NAVARRO	53,811	0	0.0	0	0.0	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	0	0.0	0	0.0	1	0.7	0	0.0
ROCKWALL	107,563	0	0.0	0	0.0	1	0.9	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	4	0.2	0	0.0	10	0.5	0	0.0
WISE	71,081	0	0.0	1	1.4	1	1.4	0	0.0
REGIONAL TOTALS	7,919,315	8	0.1	2	0.0	51	0.6	1	0.0
STATEWIDE TOTALS	29,366,479	43	0.1	22	0.1	206	0.7	3	0.0

**HEALTH SERVICE REGION 3 - 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
COLLIN	1,065,557	2	0.2	2	0.2	0	0.0	1	0.1
COOKE	41,073	0	0.0	0	0.0	0	0.0	0	0.0
DALLAS	2,581,608	2	0.1	11	0.4	5	0.2	0	0.0
DENTON	877,332	0	0.0	2	0.2	1	0.1	0	0.0
ELLIS	189,032	0	0.0	1	0.5	0	0.0	0	0.0
ERATH	40,787	0	0.0	0	0.0	0	0.0	0	0.0
FANNIN	36,962	0	0.0	0	0.0	0	0.0	0	0.0
GRAYSON	130,993	0	0.0	0	0.0	1	0.8	0	0.0
HOOD	59,191	0	0.0	0	0.0	0	0.0	0	0.0
HUNT	98,305	0	0.0	1	1.0	0	0.0	0	0.0
JOHNSON	178,835	0	0.0	2	1.1	0	0.0	0	0.0
KAUFMAN	138,601	0	0.0	1	0.7	0	0.0	0	0.0
NAVARRO	53,811	0	0.0	1	1.9	0	0.0	0	0.0
PALO PINTO	30,988	0	0.0	0	0.0	0	0.0	0	0.0
PARKER	149,616	0	0.0	0	0.0	0	0.0	0	0.0
ROCKWALL	107,563	0	0.0	0	0.0	0	0.0	0	0.0
SOMERVELL	10,054	0	0.0	0	0.0	0	0.0	0	0.0
TARRANT	2,057,926	6	0.3	12	0.6	1	0.0	0	0.0
WISE	71,081	0	0.0	0	0.0	0	0.0	0	0.0
REGIONAL TOTALS	7,919,315	10	0.1	33	0.4	8	0.1	1	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.