TARRANT COUNTY, TEXAS

Annual Communicable Disease Report, 2003

DIVISION OF EPIDEMIOLOGY AND HEALTH INFORMATION
TARRANT COUNTY PUBLIC HEALTH

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Annual Communicable Disease Report
2003

TARRANT COUNTY
PUBLIC HEALTH

Lou K. Brewer, RN, MPH
Director

Division of Epidemiology and Health Information
Tarrant County Public Health
1101 South Main Street
Fort Worth, TX 76104
(817) 321-5350

Introduction

This report presents the incidence, prevalence and geographic distribution of disease conditions by age, gender and race/ethnicity, by mode of disease transmission, if communicable, and historical trends. Data used in this report was generated through the surveillance activities of the Epidemiology and Health Information division of Tarrant County Public Health. Public health surveillance is the ongoing, systematic collection, analysis, interpretation and dissemination of data concerning disease risk factors, exposure and health events.[1] Surveillance data is essential for planning, implementation and evaluation of prevention programs and services that will reduce disease morbidity and mortality and improve quality of life.

In Tarrant County, 63 notifiable diseases are required to be reported by health care providers, laboratories and other facilities to Tarrant County Public Health (TCPH). The Tarrant County 2003 Annual Communicable Disease Report summarizes the reported disease incidents in Tarrant County. In this report, the 12 most frequently reported diseases are presented with detailed information. Diseases with less than five reported cases are not included in this report. Infectious disease incidences in Tarrant County have remained steady from 2002 to 2003, except for West Nile virus activities which have diminished.

With the advent of Sept. 11 and concerns with bio-threats, awareness of the importance of epidemiologic surveillance continues to increase. Monitoring and evaluation of potential bio-threats, as well as comprehensive on-site epidemiologic investigations, help to safeguard the health of Tarrant County residents. Trained professionals from public health and public safety officials coordinate efforts to ensure rapid response to any perceived bio-threats. Additionally, TCPH works closely with community partners to recognize communicable disease outbreaks that may be related to terrorist acts.

[1] Definition of surveillance by CDC

Acknowledgements

Division of Epidemiology and Health Information

Soojin K. Lee, MPH, MS, Epidemiologist
Adeola O. Jaiyeola, MD, MHSc, Research Epidemiologist

Contributors

Tarrant County Public Health

Division of Epidemiology and Health Information

Division of Adult Health Services

Division of Tuberculosis Prevention & Control

Division of Environmental Health

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Reportable Diseases in Tarrant County

Several Texas laws (Health & Safety Code, chapter 81, 84, and 87) require specific information regarding notifiable conditions to be provided to the local health department. Tarrant County Public Health is the designated health department for reporting notifiable conditions in the county. ***Health care providers, hospitals, laboratories, schools and others are required to report patients who are suspected of having a notifiable condition.*** (chapter 97, Title 25, Texas Administrative Code.)

All notifiable conditions in Tarrant County as well as Texas are listed in Table 4, Tarrant County Morbidity Summary. In addition to these, any outbreak, exotic diseases, and unusual group expressions of disease must be reported. All diseases must be reported by ***name, age, sex, race/ethnicity, date of birth, address, telephone number, disease, date of onset, method of diagnosis, and name, address, and telephone number of physician.***

Background Information for Statistical Summaries

In this section, frequency and incidence rate of each communicable disease are compared by gender, race/ethnicity and age. Incidence rates (Case rates) are calculated using:

- Numerator - 2003 incidence of disease in Tarrant County
- Denominator - Tarrant County Population at risk, 2003 (unless otherwise stated)
- Rate - per 100,000 population

Incidence rate is an essential and valuable public health measure; however the interpretation of the rate should be made with caution. Rates based on numbers of 20 or less are not recommended for reliable comparison, because such rates can fluctuate widely each year. The tables in this chapter, 10 Leading Reportable Diseases, include only diseases that had more than five cases by gender, race/ethnicity or age group. Diseases with cases below five are not presented.

The population of Tarrant County used to calculate the incidence rates is summarized in the table below. The data was extracted from the 2003 population estimates and projections. If the 2003 population estimates are not available, the population from 2000 U.S. Census data was used.

Tarrant County Population Distributions by Gender, Race/Ethnicity, and Age

Table 1. Population by Gender, 2003

	Total	% by Sex
Male	749,133	49.6%
Female	760,504	50.4%
Total	1,509,637	100.0%

Table 2. Population by Race/Ethnicity, 2003

	Total	% by Race/ Ethnicity
White	913,786	60.5%
Black	198,949	13.2%
Hispanic	323,877	21.5%
Other	73,025	4.8%
Total	1,509,637	100.0%

Table 3. Population by Age, 2003

	Total	% by Age group
Age 0 to 4	120,554	8.0%
Age 5 to 9	114,890	7.6%
Age 10 to 14	117,307	7.8%
Age 15 to 19	107,750	7.1%
Age 20 to 24	106,163	7.0%
Age 25 to 34	239,519	15.9%
Age 35 to 44	246,535	16.3%
Age 45 to 54	205,493	13.6%
Age 55 to 64	125,630	8.3%
Age 65+	125,796	8.3%
All Ages	1,509,637	100.0%

Data Source: Census 2003 population estimates

Table 4. Tarrant County Disease Morbidity Summary, 1993-2003

Disease	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Acquired Immunodeficiency Syndrome	439	603	253	231	198	224	132	167	140	153	198
HIV Seropositive *(anonymously reported until 1999)*	292	427	280	258	565	225	114	309	199	261	383
Amebiasis	1	0	0	0	0	4	1	3	0	1	10
Botulism (Infant)		0	0	0	0	1	0	1	2	0	0
Campylobacteriosis	37	45	41	19	15	34	73	53	52	57	112
Chickenpox	2778	1645	2190	1149	351	177	419	48	233	388	357
Dengue Fever							2	1	0	2	0
E. coli 0157:H7 Infection		3	3	1	0	6	4	13	11	45	29
Encephalitis (etiology)	5	1	0	0	0	2	2	0	0	2	6
Ehrlichiosis							3	0	0	0	6
Haemophilus Influenza (invasive)	0	3	4	1	1	5	5	3	3	1	3
Hantavirus Infection		0	0	0	0	0	0	1	0	0	0
Hemolytic Uremic Syndrome (HUS)		2	0	0	0	0	2	0	0	0	0
Hepatitis: Type A	446	135	165	146	127	111	129	143	198	110	96
Type B	135	156	167	72	65	92	32	22	76	332	538
Type C	49	39	30	35	15	25	20	32	1421	2526	3579
Type Unspecified	13	2	2	4	0	0	1	0	0	1	0
Influenza/Flu-Like Illnesses	1855	386	48	164	43	10	22	7	0	7	9
Lead						57	58	70	43	75	72
Legionellosis	0	6	4	1	0	2	3	5	1	0	8
Listeriosis	0	2	2	2	1	1	3	2	4	1	1
Lyme Disease	0	3	2	4	9	2	8	6	33	24	33
Malaria	3	8	6	10	0	8	7	2	3	4	21
Measles (Rubeola)	1	8	0	0	0	3	0	0	0	0	9
Meningitis: Aseptic	150	129	202	132	49	362	176	267	492	304	440
Meningococcal	8	13	23	33	13	17	14	5	20	8	29
Other Bacterial	15	22	17	23	10	29	29	12	27	11	11

Mumps	17	16	1	22	2	6	0	4	0	3	0
Mycobacteria tuberculosis	159	174	129	106	108	113	109	66	94	108	116
Pertussis	6	5	13	15	55	13	24	15	15	83	76
Rocky Mountain Spotted Fever (RMSF)	0	1	1	0	0	0	2	0	0	2	6
Rubella (German Measles)	4	0	2	0	0	1	1	3	0	0	1
Rubella (Congenital)	0	0	0	0	0	0	0	0	0	0	0
Salmonellosis	94	67	92	95	34	131	151	165	135	341	358
Shigellosis	222	58	159	100	41	123	198	256	70	182	539
Streptococcal disease: drug resistant							78	32	0	0	0
invasive Group A		0	0	9	5	68	60	54	51	17	27
non-Group A							58	111	39	33	32
Pneumonia spec.											25
Tetanus	0	1	0	0	0	0	0	1	0	0	0
Typhus, murine	0	0	1	0	0	0	3	0	0	0	0
STD: Chlamydia	1375	2518	2526	1945	2039	4076	3711	4097	3970	3950	4564
Gonorrhea	2596	2822	2365	1334	1469	3324	2779	2730	2210	2201	2077
Syphilis: Congenital (<1 yr.)	14	11	7	0	10	2	3	3	6	8	5
Primary	156	88	64	36	13	8	10	8	18	18	18
Secondary	195	105	79	64	26	13	11	14	20	20	58
Other	470	393	351	297	188	148	184	161	211	206	238
Vancomyocin Resistant Enterococcus							65	42	0	1	0
Vibro Infections: Non-Cholera OI	0	0	2	2	0	0	1	3	4	4	3
West Nile Virus										5	24

10 Leading Reportable Diseases by Gender [1]
Tarrant County, 2003

	TOTAL	Male	Female
1	Chlamydia 4,564 (302.3)	Hepatitis C 1,744 (232.8)	Chlamydia 3,729 (490.3)
2	Hepatitis C 3,379 (223.8)	Gonorrhea 1,020 (136.2)	Hepaptis C, chronic 1,328 (174.6)
3	Gonorrhea 2,077 (137.6)	Chlamydia 829 (110.7)	Gonorrhea 1,053 (138.5)
4	Hepatitis B 475 (31.5)	HIV 289 (38.6)	Hepatitis B, chronic 235 (30.9)
5	Aseptic Meningitis 440 (29.1)	Aseptic Meningitis 221 (29.5)	Aseptic Meningitis 218 (28.7)
6	HIV 383 (25.4)	Hepatitis B, chronic 219 (29.2)	Shigellosis 173 (22.7)
7	Salmonellosis 358 (23.7)	Salmonellosis 186 (24.8)	Varicella 169 (22.2)
8	Varicella 357 (23.6)	Varicella 184 (24.6)	Salmonellosis 149 (19.6)
9	Shigellosis 333 (22.1)	Shigellosis 143 (19.1)	HIV 94 (12.4)
10	Hepatitis C, acute 200 (13.2)	AIDS 142 (19.0)	Hepatitis C, acute 85 (11.2)

1. How to read this table - Each cell contains the name, frequency, and incidence rate of disease. The incidence rate is the number of cases per 100,000 population.

Name of Disease
Frequency (Incidence Rate)

10 Leading Reportable Diseases by Race/Ethnicity [1,2]
Tarrant County, 2003

	White	Black	Hispanic	Other
1	Chlamydia 746 (81.6)	Chlamydia 1,589 (798.7)	Chlamydia 1,180 (364.3)	Chlamydia 45 (61.6)
2	Hepatitis C 282 (30.9)	Gonorrhea 1,270 (638.4)	Gonorrhea 208 (64.2)	Hepatitis C 21 (28.8)
3	Gonorrhea 277 (30.3)	HIV 139 (69.9)	Hepatitis C, chronic 114 (35.2)	TB 18 (24.6)
4	Aseptic Meningitis 197 (21.6)	Hepatitis C 111 (55.8)	Aseptic Meningitis 103 (31.8)	Gonorrhea 12 (16.4)
5	Varicella 179 (19.6)	E. Syphilis 101 (50.8)	Varicella 92 (28.4)	Hepatitis B, chronic 11 (15.1)
6	HIV 147 (16.1)	AIDS 84 (42.2)	Shigellosis 75 (23.2)	Hepatitis A, acute 9 (12.3)
7	AIDS 89 (9.7)	TB 50 (25.1)	HIV 61 (18.8)	Aseptic Meningitis/ Hepaptis B, acute 7 (9.6)
8	Hepatitis C, acute 65 (7.1)	Varicella 23 (11.8)	Lead, child 44 (13.6)	
9	Shigellosis 52 (5.7)	Aseptic Meningitis 45 (22.6)	AIDS 40 (12.4)	Shigellosis 6 (8.2)
10	West Nile 49 (5.4)	Shigellosis 29 (14.6)	Campylobacteriosis 31 (9.6)	AIDS/HIV 4 (5.5)

1. How to read this table - Each cell contains the name, frequency, and incidence rate of disease. The incidence rate is the number of cases per 100,000 population.

Name of Disease
Frequency (Incidence Rate)

2. The sum of the frequencies in each race/ethnicity groups may not exactly match the frequencies in the total due to unreported race/ethnicity.

10 Leading Reportable Diseases by Age Group [1,2]
Tarrant County, 2003

	0 - 4	5 - 9	10-14	15-19	20-24
1	Salmonellosis 163 (135.2)	Varicella 204 (177.6)	Chlamydia 88 (75.0)	Chlamydia 1,683 (1,561.9)	Chlamydia 1,666 (1,569.3)
2	Aseptic Meningitis 155 (128.6)	Shigellosis 113 (98.4)	Varicella 56 (47.7)	Gonorrhea 686 (636.7)	Gonorrhea 646 (608.5)
3	Shigellosis 119 (98.7)	Salmonellosis 46 (40.0)	Aseptic Meningitis/ Gonorrhea 23 (19.6)	Hepatitis C 28 (26.0)	Hepatitis C 121 (114.0)
4	Varicella 73 (60.6)	Aseptic Meningitis 40 (34.8)		Aseptic Meningitis/ E. Syphilis 19 (17.6)	HIV 52 (49.0)
5	Lead Poisoning 56 (46.5)	Campylo-bacteriosis/ Lead poisoning 9 (7.8)	Shigellosis 22 (18.8)		Aseptic Meningitis 33 (31.3)
6	Pertussis 48 (39.8)		Salmonellosis 16 (13.6)	HIV 18 (16.7)	E. Syphilis 23 (21.7)
7	Hepatitis C 38 (31.5)	Pertussis 5 (4.4)	Campylo-bacteriosis 11 (9.4)	Hepatitis B 16 (14.8)	Campylo-bacteriosis 10 (9.4)
8	Campylo-bacteriosis 29 (24.1)		Pertussis 5 (4.3)	Salmonellosis 15 (13.9)	Hepatitis B/ Shigellosis/ Tuberculosis 9 (8.5)
9	Strep Pneumo 13 (10.8)			Varicella 9 (8.4)	
10	Chlamydia 12 (10.0)			Tuberculosis 7 (6.5)	

1. How to read this table - Each cell contains the name, frequency, and incidence rate of disease. The incidence rate is the number of cases per 100,000 population.

Name of Disease
Frequency (Incidence Rate)

2. The sum of the frequencies in each age group may not exactly match the frequencies in the total due to unreported age.

10 Leading Reportable Diseases by Age Group [1,2]
Tarrant County, 2003

	25-34	35-44	45-54	55-64	65+
1	Chlamydia 853 (356.1)	Hepatitis C 1076 (436.4)	Hepatitis C 1260 (613.2)	Hepatitis C 295 (234.8)	Hepatitis C 186 (147.9)
2	Chlamydia 169 (68.6)	Gonorrhea 199 (80.7)	Hepatitis B 100 (48.7)	Hepatitis B 46 (36.6)	Salmonellosis 29 (23.1)
3	Hepatitis C 368 (153.6)	Chlamydia 169 (68.6)	Hepatitis C 84 (40.9)	Tuberculosis 20 (15.9)	Hepatitis A 27 (21.5)
4	Hepatitis B 140 (58.5)	HIV 120 (48.7)	Gonorrhea 56 (27.3)	Salmonellosis 15 (11.9)	Hepatitis B 24 (19.1)
5	HIV 117 (48.8)	Hepatitis B 109 (44.2)	AIDS 39 (19.0)	HIV/ Hepatitis C 14 (11.1)	West Nile 18 (14.3)
6	Aseptic meningitis 82 (34.2)	AIDS 97 (39.3)	Chlamydia 32 (15.6)		Tuberculosis 14 (11.1)
7	AIDS 58 (24.2)	Hepatitis C 66 (26.8)	HIV 29 (14.1)	Aseptic meningitis/ West Nile 13 (10.3)	Aseptic meningitis/ Campylo-bacteriosis/ Streptococcal invasive, A/ Streptococcal invasive, B 8 (6.4)
8	E. Syphilis 48 (20.0)	Aseptic meningitis 42 (17.0)	Aseptic meningitis 25 (12.2)		
9	Shigellosis 36 (15.0)	E. Syphilis 38 (15.4)	E. Syphilis 22 (10.7)	Gonorrhea/ Hepatitis B 11 (8.8)	
10	Salmonellosis 26 (10.9)	Salmonellosis 21 (8.5)	Salmonellosis 20 (9.7)		

1. How to read this table - Each cell contains the name of disease, the frequency of disease and incidence rate which means the number of cases per 100,000 population.

Name of Disease
Frequency (Incidence Rate)

2. The sum of the frequencies in each age group may not exactly match the frequencies in the total due to unreported age.

Selected Reportable Diseases by City

		AIDS		CAMPYLO-BACTERIOSIS		CHLAMYDIA		GONORRHEA	
CITY	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
ARLINGTON	332,969	32	9.61	18	5.41	843	253.18	343	103.01
AZLE	9,600	<3	@	0	@	21	218.75	<3	@
BEDFORD	47,152	3	6.36	<3	@	59	125.13	12	25.45
BENBROOK	20,208	0	0.00	0	0.00	12	59.38	7	34.64
BLUE MOUND	2,388	0	NA	0	0.00	<3	@	0	0.00
BURLESON (IN TARRANT)	NA[3]	0	NA	3	NA	32	NA	13	NA
COLLEYVILLE	19,636	0	0.00	0	0.00	8	40.74	<3	@
CROWLEY	7,467	0	0.00	0	0.00	13	174.10	5	66.96
DALWORTHINGTON GARDENS	2,186	0	0.00	0	0.00	0	0.00	0	0.00
EDGECLIFF VILLAGE	2,550	0	0.00	0	0.00	0	0.00	0	0.00
EULESS	46,005	11	23.91	4	8.69	90	195.63	38	82.60
EVERMAN	5,836	0	0.00	0	0.00	8	137.08	11	188.49
FOREST HILL	12,949	<3	@	0	0.00	6	46.34	<3	@
FORT WORTH	534,694	117	21.88	59	11.03	3038	568.18	1504	281.28
GRAND PRAIRIE (IN TARRANT)	NA[3]	<3	@	9	NA	99	NA	32	NA
GRAPEVINE	42,059	3	7.13	<3	@	33	78.46	7	16.64
HALTOM CITY	39,018	5	12.81	<3	@	43	110.21	13	33.32
HASLET	1,134	<3	@	0	0.00	<3	@	<3	@
HURST	36,273	5	13.78	6	16.54	48	132.33	19	52.38
KELLER	27,345	<3	@	3	10.97	20	73.14	7	25.60
KENNEDALE	5,850	<3	@	0	0.00	8	136.75	3	51.28
LAKE WORTH	4,618	0	0.00	0	0.00	<3	@	<3	@
MANSFIELD	28,031	5	17.84	<3	@	37	132.00	10	35.67
NORTH RICHLAND HILLS	55,635	5	8.99	<3	@	54	97.06	13	23.37
PANTEGO	2,318	0	0.00	0	0.00	0	0.00	0	0.00
PELICAN BAY	1,505	0	0.00	0	0.00	0	0.00	0	0.00
RICHLAND HILLS	8,132	0	0.00	0	0.00	10	122.97	3	36.89
RIVER OAKS	6,985	<3	@	0	0.00	17	243.38	4	57.27
SAGINAW	12,374	<3	@	3	24.24	10	80.81	4	32.33
SANSOM PARK	4,181	0	0.00	0	0.00	0	0.00	0	0.00
SOUTHLAKE	21,519	0	0.00	0	0.00	7	32.53	0	0.00
WATAUGA	21,908	<3	@	0	0.00	23	104.98	9	41.08
WHITE SETTLEMENT	14,831	0	0.00	0	0.00	4	26.97	7	47.20

This table comprised of diseases with 20 or more cases reported during the year 2003.
The exact number of frequency and rate for diseases with less than 3 cases are not shown to protect patient's privacy.
1. Source of Population of Tarrant County, 2000: 2000 Census and North Central Texas Council of Governments(NCTCOG)
2. RATE: Incidence Rate=(Number of new events in 2003/Number of persons exposed to risk) x 100,000
3. NA: Not available

Selected Reportable Diseases by City

		HEPATITIS A		HEPATITIS B acute		HEPATITIS B chronic		HEPATITIS C acute	
CITY	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
ARLINGTON	332,969	18	5.41	12	3.60	135	40.54	51	15.32
AZLE	9,600	<3	@	0	0.00	0	0.00	0	0.00
BEDFORD	47,152	7	14.85	<3	@	4	8.48	10	21.21
BENBROOK	20,208	0	0.00	0	0.00	<3	@	0	0.00
BLUE MOUND	2,388	0	0.00	0	0.00	0	0.00	0	0.00
BURLESON (IN TARRANT)	NA[3]	0	0.00	0	0.00	3	NA	8	NA
COLLEYVILLE	19,636	0	0.00	0	0.00	<3	@	0	0.00
CROWLEY	7,467	0	0.00	0	0.00	<3	@	0	0.00
DALWORTHINGTON GARDENS	2,186	0	0.00	0	0.00	0	0.00	0	0.00
EDGECLIFF VILLAGE	2,550	0	0.00	0	0.00	0	0.00	0	0.00
EULESS	46,005	0	0.00	<3	@	17	36.95	0	0.00
EVERMAN	5,836	0	0.00	0	0.00	<3	@	<3	@
FOREST HILL	12,949	0	0.00	0	0.00	0	0.00	0	0.00
FORT WORTH	534,694	63	11.78	35	6.55	193	36.10	107	20.01
GRAND PRAIRIE (IN TARRANT)	NA[3]	<3	@	<3	@	<3	@	3	NA
GRAPEVINE	42,059	<3	@	0	0.00	5	11.89	6	14.27
HALTOM CITY	39,018	0	0.00	3	7.69	4	10.25	<3	@
HASLET	1,134	0	0.00	0	0.00	<3	@	0	0.00
HURST	36,273	0	0.00	<3	@	8	22.05	<3	@
KELLER	27,345	0	0.00	<3	@	8	29.26	<3	@
KENNEDALE	5,850	0	0.00	<3	@	<3	@	0	0.00
LAKE WORTH	4,618	0	0.00	0	0.00	<3	@	0	0.00
MANSFIELD	28,031	<3	@	0	0.00	<3	@	3	10.70
NORTH RICHLAND HILLS	55,635	<3	@	<3	@	7	12.58	3	5.39
PANTEGO	2,318	0	0.00	0	0.00	0	0.00	0	0.00
PELICAN BAY	1,505	0	0.00	0	0.00	0	0.00	0	0.00
RICHLAND HILLS	8,132	0	0.00	0	0.00	0	0.00	0	0.00
RIVER OAKS	6,985	0	0.00	0	0.00	0	0.00	0	0.00
SAGINAW	12,374	0	0.00	0	0.00	<3	@	0	0.00
SANSOM PARK	4,181	0	0.00	0	0.00	0	0.00	0	0.00
SOUTHLAKE	21,519	0	0.00	0	0.00	<3	@	<3	@
WATAUGA	21,908	0	0.00	0	0.00	0	0.00	0	0.00
WHITE SETTLEMENT	14,831	0	0.00	0	0.00	0	0.00	0	0.00

This table comprised of diseases with 20 or more cases reported during the year 2003.
The exact number of frequency and rate for diseases with less than 3 cases are not shown to protect patient's privacy.
1. Source of Population of Tarrant County, 2000: 2000 Census and NCTCOG
2. RATE: Incidence Rate=(Number of new events in 2003/Number of persons exposed to risk) x 100,000
3. NA: Not available

Selected Reportable Diseases by City

		HEPATITIS C chronic		HIV			LEAD, CHILD	
CITY	Population[1]	CASE	RATE[2]	CASE	RATE[2]	2002 POP[1]<18	CASE	RATE[4]
ARLINGTON	332,969	428	128.54	73	21.92	94,198	7	7.43
AZLE	9,600	46	479.17	<3	@	2,528	0	0.00
BEDFORD	47,152	90	190.87	5	10.60	10,628	0	0.00
BENBROOK	20,208	6	29.69	<3	@	4,503	0	0.00
BLUE MOUND	2,388	0	0.00	<3	@	741	0	0.00
BURLESON (IN TARRANT)	NA[3]	35	NA	0	0.00	NA	0	0.00
COLLEYVILLE	19,636	18	91.67	0	0.00	6,208	0	0.00
CROWLEY	7,467	14	187.49	0	0.00	2,308	<3	@
DALWORTHINGTON GARDENS	2,186	0	0.00	0	0.00	631	0	0.00
EDGECLIFF VILLAGE	2,550	0	0.00	0	0.00	534	0	0.00
EULESS	46,005	69	149.98	15	32.61	11,482	0	0.00
EVERMAN	5,836	5	85.68	4	68.54	1,832	0	0.00
FOREST HILL	12,949	<3	@	0	0.00	3,412	0	0.00
FORT WORTH	534,694	2046	382.65	232	43.39	151,067	57	37.73
GRAND PRAIRIE (IN TARRANT)	NA[3]	155	NA	<3	@	NA	3	0.00
GRAPEVINE	42,059	72	171.19	<3	@	12,293	<3	@
HALTOM CITY	39,018	41	105.08	5	12.81	10,561	0	0.00
HASLET	1,134	<3	@	0	0.00	319	0	0.00
HURST	36,273	59	162.66	7	19.30	9,232	<3	@
KELLER	27,345	35	127.99	7	25.60	9,228	0	0.00
KENNEDALE	5,850	10	170.94	<3	@	1,673	0	0.00
LAKE WORTH	4,618	4	86.62	0	0.00	1,179	0	0.00
MANSFIELD	28,031	29	103.46	<3	@	8,896	0	0.00
NORTH RICHLAND HILLS	55,635	50	89.87	5	8.99	15,151	0	0.00
PANTEGO	2,318	<3	@	0	0.00	517	0	0.00
PELICAN BAY	1,505	0	0.00	0	0.00	504	0	0.00
RICHLAND HILLS	8,132	<3	@	3	36.89	1,917	0	0.00
RIVER OAKS	6,985	<3	@	0	0.00	1,884	0	0.00
SAGINAW	12,374	6	48.49	3	24.24	3,954	0	0.00
SANSOM PARK	4,181	0	0.00	0	0.00	1,208	0	0.00
SOUTHLAKE	21,519	15	69.71	<3	@	7,978	0	0.00
WATAUGA	21,908	19	86.73	4	18.26	7,076	0	0.00
WHITE SETTLEMENT	14,831	<3	@	<3	@	4,050	0	0.00

This table comprised of diseases with 20 or more cases reported during the year 2003.
The exact number of frequency and rate for diseases with less than 3 cases are not shown to protect patient's privacy.
1. Source of Population of Tarrant County, 2000: 2000 Census and NCTCOG
2. RATE: Incidence Rate=(Number of new events in 2003/Number of persons exposed to risk) x 100,000
3. NA: Not available
4. RATE: Incidence Rate= (Number of new events in a city/ Number of persons <18 years old in a city) x 100,000

Selected Reportable Diseases by City

		LYME DISEASE		ASEPTIC MENINGITIS		BACTERIAL MENINGITIS		MENINGOCOCCAL INFECTION	
CITY	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
ARLINGTON	332,969	9	2.70	86	25.83	5	1.50	<3	@
AZLE	9,600	0	0.00	<3	@	0	0.00	0	0.00
BEDFORD	47,152	0	0.00	5	10.60	3	6.36	0	0.00
BENBROOK	20,208	0	0.00	0	0.00	0	0.00	0	0.00
BLUE MOUND	2,388	0	0.00	0	0.00	0	0.00	0	0.00
BURLESON (IN TARRANT)	NA[3]	<3	@	10	NA	<3	@	0	0.00
COLLEYVILLE	19,636	0	0.00	4	20.37	0	0.00	0	0.00
CROWLEY	7,467	0	0.00	<3	@	0	0.00	0	0.00
DALWORTHINGTON GARDENS	2,186	0	0.00	0	0.00	0	0.00	0	0.00
EDGECLIFF VILLAGE	2,550	0	0.00	0	0.00	0	0.00	0	0.00
EULESS	46,005	<3	@	20	43.47	0	0.00	0	0.00
EVERMAN	5,836	0	0.00	0	0.00	0	0.00	0	0.00
FOREST HILL	12,949	0	0.00	<3	@	0	0.00	0	0.00
FORT WORTH	534,694	13	2.43	205	38.34	12	2.24	12	2.24
GRAND PRAIRIE (IN TARRANT)	NA[3]	<3	@	28	NA	4	NA	3	NA
GRAPEVINE	42,059	<3	@	14	33.29	0	0.00	0	0.00
HALTOM CITY	39,018	0	0.00	9	23.07	0	0.00	0	0.00
HASLET	1,134	0	0.00	3	264.55	0	0.00	0	0.00
HURST	36,273	0	0.00	4	11.03	0	0.00	0	0.00
KELLER	27,345	0	0.00	17	62.17	<3	@	3	10.97
KENNEDALE	5,850	0	0.00	0	0.00	0	0.00	0	0.00
LAKE WORTH	4,618	0	0.00	0	0.00	0	0.00	0	0.00
MANSFIELD	28,031	<3	@	6	21.40	0	0.00	0	0.00
NORTH RICHLAND HILLS	55,635	<3	@	13	23.37	<3	@	0	0.00
PANTEGO	2,318	0	0.00	0	0.00	0	0.00	0	0.00
PELICAN BAY	1,505	0	0.00	0	0.00	0	0.00	0	0.00
RICHLAND HILLS	8,132	0	0.00	0	0.00	0	0.00	0	0.00
RIVER OAKS	6,985	0	0.00	0	0.00	0	0.00	0	0.00
SAGINAW	12,374	0	0.00	<3	@	0	0.00	0	0.00
SANSOM PARK	4,181	0	0.00	0	0.00	0	0.00	0	0.00
SOUTHLAKE	21,519	<3	@	3	13.94	0	0.00	<3	@
WATAUGA	21,908	0	0.00	0	0.00	0	0.00	0	0.00
WHITE SETTLEMENT	14,831	0	0.00	0	0.00	0	0.00	0	0.00

This table comprised of diseases with 20 or more cases reported during the year 2003.
The exact number of frequency and rate for diseases with less than 3 cases are not shown to protect patient's privacy.
1. Source of Population of Tarrant County, 2000: 2000 Census and NCTCOG
2. RATE: Incidence Rate=(Number of new events in 2003/Number of persons exposed to risk in 2000) x 100,000
3. NA: Not available

Selected Reportable Diseases by City

		PERTUSSIS		SALMONELLOSIS		SHIGELLOSIS		STREP Group A	
CITY	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
ARLINGTON	332,969	21	6.31	28	8.41	54	16.22	7	2.10
AZLE	9,600	0	0.00	0	0.00	4	41.67	<3	@
BEDFORD	47,152	3	6.36	15	31.81	5	10.60	<3	@
BENBROOK	20,208	0	0.00	0	0.00	<3	@	0	0.00
BLUE MOUND	2,388	0	0.00	<3	@	0	0.00	0	0.00
BURLESON (IN TARRANT)	NA[3]	0	0.00	16	NA	22	NA	<3	@
COLLEYVILLE	19,636	0	0.00	6	30.56	0	0.00	0	0.00
CROWLEY	7,467	<3	@	0	0.00	5	66.96	0	0.00
DALWORTHINGTON GARDENS	2,186	0	0.00	0	0.00	0	0.00	0	0.00
EDGECLIFF VILLAGE	2,550	0	0.00	0	0.00	0	0.00	0	0.00
EULESS	46,005	<3	@	8	17.39	18	39.13	<3	@
EVERMAN	5,836	0	0.00	0	0.00	0	0.00	0	0.00
FOREST HILL	12,949	0	0.00	0	0.00	0	0.00	0	0.00
FORT WORTH	534,694	34	6.36	134	25.06	141	26.37	14	2.62
GRAND PRAIRIE (IN TARRANT)	NA[3]	3	NA	19	NA	23	NA	3	NA
GRAPEVINE	42,059	<3	@	14	33.29	4	9.51	4	9.51
HALTOM CITY	39,018	<3	@	4	10.25	<3	@	0	0.00
HASLET	1,134	0	0.00	<3	@	0	0.00	0	0.00
HURST	36,273	<3	@	6	16.54	<3	@	3	8.27
KELLER	27,345	<3	@	10	36.57	<3	@	<3	@
KENNEDALE	5,850	0	0.00	4	68.38	0	0.00	0	0.00
LAKE WORTH	4,618	0	0.00	0	0.00	0	0.00	0	0.00
MANSFIELD	28,031	0	0.00	4	14.27	7	24.97	<3	@
NORTH RICHLAND HILLS	55,635	6	10.78	15	26.96	<3	@	<3	@
PANTEGO	2,318	0	0.00	0	0.00	0	0.00	0	0.00
PELICAN BAY	1,505	0	0.00	0	0.00	0	0.00	0	0.00
RICHLAND HILLS	8,132	0	0.00	0	0.00	0	0.00	0	0.00
RIVER OAKS	6,985	0	0.00	0	0.00	0	0.00	0	0.00
SAGINAW	12,374	0	0.00	<3	@	0	0.00	<3	@
SANSOM PARK	4,181	0	0.00	0	0.00	0	0.00	0	0.00
SOUTHLAKE	21,519	0	0.00	<3	@	0	0.00	0	0.00
WATAUGA	21,908	0	0.00	0	0.00	0	0.00	0	0.00
WHITE SETTLEMENT	14,831	0	0.00	0	0.00	0	0.00	0	0.00

This table comprised of diseases with 20 or more cases reported during the year 2003.
The exact number of frequency and rate for diseases with less than 3 cases are not shown to protect patient's privacy.
1. Source of Population of Tarrant County, 2000: 2000 Census and NCTCOG
2. RATE: Incidence Rate=(Number of new events in 2003/Number of persons exposed to risk in 2000) x 100,000
3. NA: Not available

Selected Reportable Diseases by City

		STREP Group B		STREP PNEUMO		EARLY SYPHILIS[4]		TB	
CITY	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
ARLINGTON	332,969	5	1.50	8	2.40	28	8.41	20	6.01
AZLE	9,600	<3	@	<3	@	<3	@	0	0.00
BEDFORD	47,152	0	0.00	3	6.36	4	8.48	<3	@
BENBROOK	20,208	0	0.00	<3	@	0	0.00	0	0.00
BLUE MOUND	2,388	0	0.00	0	0.00	0	0.00	0	0.00
BURLESON (IN TARRANT)	NA[3]	0	0.00	<3	@	0	0.00	0	0.00
COLLEYVILLE	19,636	0	0.00	0	0.00	0	0.00	0	0.00
CROWLEY	7,467	<3	@	0	0.00	0	0.00	<3	@
DALWORTHINGTON GARDENS	2,186	0	0.00	0	0.00	0	0.00	0	0.00
EDGECLIFF VILLAGE	2,550	0	0.00	0	0.00	0	0.00	0	0.00
EULESS	46,005	<3	@	<3	@	<3	@	<3	@
EVERMAN	5,836	0	0.00	0	0.00	<3	@	<3	@
FOREST HILL	12,949	0	0.00	0	0.00	<3	@	0	0.00
FORT WORTH	534,694	31	5.80	16	2.99	104	19.45	72	13.47
GRAND PRAIRIE (IN TARRANT)	NA[3]	4	NA	0	0.00	6	NA	<3	@
GRAPEVINE	42,059	0	0.00	0	0.00	0	0.00	<3	@
HALTOM CITY	39,018	<3	@	0	0.00	<3	@	9	23.07
HASLET	1,134	0	0.00	0	0.00	0	0.00	0	0.00
HURST	36,273	0	0.00	0	0.00	3	8.27	3	8.27
KELLER	27,345	0	0.00	<3	@	0	0.00	<3	@
KENNEDALE	5,850	0	0.00	0	0.00	0	0.00	<3	@
LAKE WORTH	4,618	0	0.00	0	0.00	0	0.00	0	0.00
MANSFIELD	28,031	0	0.00	0	0.00	0	0.00	<3	@
NORTH RICHLAND HILLS	55,635	<3	@	<3	@	0	0.00	<3	@
PANTEGO	2,318	0	0.00	0	0.00	0	0.00	0	0.00
PELICAN BAY	1,505	0	0.00	0	0.00	0	0.00	0	0.00
RICHLAND HILLS	8,132	0	0.00	0	0.00	0	0.00	0	0.00
RIVER OAKS	6,985	0	0.00	0	0.00	0	0.00	0	0.00
SAGINAW	12,374	<3	@	<3	@	<3	@	0	0.00
SANSOM PARK	4,181	0	0.00	0	0.00	0	0.00	0	0.00
SOUTHLAKE	21,519	0	0.00	0	0.00	0	0.00	0	0.00
WATAUGA	21,908	0	0.00	<3	@	<3	@	0	0.00
WHITE SETTLEMENT	14,831	0	0.00	0	0.00	<3	@	0	0.00

This table comprised of diseases with 20 or more cases reported during the year 2003.
The exact number of frequency and rate for diseases with less than 3 cases are not shown to protect patient's privacy.
1. Source of Population of Tarrant County, 2000: 2000 Census and NCTCOG
2. RATE: Incidence Rate=(Number of new events in 2003/Number of persons exposed to risk in 2000) x 100,000
3. NA: Not available
4. Early Syphilis includes primary, secondary Syphilis and early latent Syphilis.

Selected Reportable Diseases by City

		VARICELLA		WEST NILE	
CITY	Population[1]	CASE	RATE[2]	CASE	RATE[2]
ARLINGTON	332,969	52	15.62	16	4.81
AZLE	9,600	15	156.25	0	0.00
BEDFORD	47,152	8	16.97	<3	@
BENBROOK	20,208	0	0.00	0	0.00
BLUE MOUND	2,388	0	0.00	0	0.00
BURLESON (IN TARRANT)	NA[3]	71	NA	3	NA
COLLEYVILLE	19,636	4	20.37	3	15.28
CROWLEY	7,467	<3	@	0	0.00
DALWORTHINGTON GARDENS	2,186	0	0.00	0	0.00
EDGECLIFF VILLAGE	2,550	0	0.00	0	0.00
EULESS	46,005	3	6.52	0	0.00
EVERMAN	5,836	0	0.00	0	0.00
FOREST HILL	12,949	0	0.00	0	0.00
FORT WORTH	534,694	148	27.68	20	3.74
GRAND PRAIRIE (IN TARRANT)	NA[3]	<3	@	14	NA
GRAPEVINE	42,059	5	11.89	<3	@
HALTOM CITY	39,018	<3	@	3	7.69
HASLET	1,134	<3	@	<3	@
HURST	36,273	8	22.05	<3	@
KELLER	27,345	10	36.57	4	14.63
KENNEDALE	5,850	0	0.00	0	0.00
LAKE WORTH	4,618	0	0.00	0	0.00
MANSFIELD	28,031	<3	@	3	10.70
NORTH RICHLAND HILLS	55,635	6	10.78	<3	@
PANTEGO	2,318	0	0.00	0	0.00
PELICAN BAY	1,505	0	0.00	0	0.00
RICHLAND HILLS	8,132	<3	@	0	0.00
RIVER OAKS	6,985	0	0.00	0	0.00
SAGINAW	12,374	0	0.00	0	0.00
SANSOM PARK	4,181	0	0.00	0	0.00
SOUTHLAKE	21,519	12	55.76	3	13.94
WATAUGA	21,908	0	0.00	0	0.00
WHITE SETTLEMENT	14,831	0	0.00	0	0.00

This table comprised of diseases with 20 or more cases reported during the year 2003.
The exact number of frequency and rate for diseases with less than 3 cases are not shown to protect patient's privacy.
1. Source of Population of Tarrant County, 2000: 2000 Census and NCTCOG
2. RATE: Incidence Rate=(Number of new events in 2003/Number of persons exposed to risk in 2000) x 100,000
3. NA: Not available

Selected Reportable Diseases by ZIP Code

		AIDS		CAMPYLOBACTERIOSIS		CHLAMYDIA		GONORRHEA	
Zip Code	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
75050	37,860	0	0.00	< 3	@	38	100.37	10	26.41
75051	31,299	0	0.00	< 3	@	26	83.07	12	38.34
76001	21,566	5	23.18	< 3	@	27	125.20	11	51.01
76002	7,355	3	40.79	< 3	@	26	353.50	12	163.15
76006	24,678	11	44.57	0	0.00	67	271.50	37	149.93
76010	53,757	43	79.99	< 3	@	206	383.21	68	126.50
76011	29,898	16	53.52	< 3	@	124	414.74	52	173.92
76012	25,488	10	39.23	< 3	@	44	172.63	19	74.54
76013	32,134	11	34.23	< 3	@	62	192.94	19	59.13
76014	31,127	23	73.89	0	0.00	96	308.41	39	125.29
76015	16,063	7	43.58	0	0.00	24	149.41	11	68.48
76016	30,814	7	22.72	< 3	@	33	107.09	7	22.72
76017	42,060	12	28.53	< 3	@	50	118.88	31	73.70
76018	23,918	7	29.27	3	12.54	49	204.87	28	117.07
76020	23,303	6	25.75	0	0.00	19	81.53	< 3	@
76021	33,643	12	35.67	< 3	@	34	101.06	9	26.75
76022	14,038	6	42.74	0	0.00	25	178.09	3	21.37
76028	38,776	0	0.00	< 3	@	31	79.95	13	33.53
76034	19,643	4	20.36	0	0.00	8	40.73	< 3	@
76036	12,731	0	0.00	0	0.00	13	102.11	5	39.27
76039	28,066	20	71.26	< 3	@	37	131.83	15	53.45
76040	23,072	21	91.02	< 3	@	52	225.38	23	99.69
76051	41,813	4	9.57	0	0.00	31	74.14	6	14.35
76052	2,912	< 3	@	0	0.00	< 3	@	< 3	@
76053	24,253	8	32.99	< 3	@	40	164.93	15	61.85
76054	11,686	< 3	@	0	0.00	7	59.90	4	34.23
76060	5,141	3	58.35	0	0.00	8	155.61	3	58.35
76063	32,675	10	30.60	< 3	@	37	113.24	10	30.60
76082	14,997	0	0.00	< 3	@	0	0.00	0	0.00
76092	21,068	< 3	@	0	0.00	7	33.23	0	0.00
76100	NA*	0	NA	0	NA	13	NA	6	NA
76101	NA*	6	NA	0	NA	< 3	NA	0	NA
76102	8,432	29	343.93	0	0.00	59	699.72	52	616.70
76103	14,302	21	146.83	0	0.00	58	405.54	33	230.74
76104	17,511	67	382.62	< 3	@	161	919.42	120	685.28
76105	22,047	37	167.82	< 3	@	177	802.83	133	603.26
76106	51,700	31	59.96	10	19.34	229	442.94	52	100.58
76107	26,665	41	153.76	0	0.00	89	333.77	48	180.01
76108	26,423	11	41.63	< 3	@	48	181.66	22	83.26
76109	24,007	7	29.16	3	12.50	29	120.80	13	54.15
76110	32,742	29	88.57	3	9.16	91	277.93	41	125.22
76111	20,503	21	102.42	< 3	@	54	263.38	22	107.30
76112	39,436	42	106.50	0	0.00	242	613.65	171	433.61
76113	NA*	5	NA	0	NA	7	NA	4	NA
76114	24,438	19	77.75	3	12.28	17	69.56	4	16.37
76115	20,009	6	29.99	3	14.99	64	319.86	24	119.95
76116	45,343	31	68.37	< 3	@	126	277.88	60	132.32
76117	29,316	14	47.76	< 3	@	65	221.72	19	64.81
76118	12,602	9	71.42	< 3	@	24	190.45	9	71.42
76119	40,484	49	121.04	7	17.29	312	770.67	225	555.78
76120	9,928	10	100.73	0	0.00	37	372.68	14	141.02
76123	11,636	< 3	@	0	0.00	27	232.04	15	128.91
76126	15,454	3	19.41	0	0.00	14	90.59	7	45.30
76131	7,207	< 3	@	0	0.00	9	124.88	3	41.63
76132	21,542	9	41.78	< 3	@	48	222.82	21	97.48
76133	46,073	17	36.90	< 3	@	96	208.36	55	119.38
76134	18,575	16	86.14	0	0.00	57	306.86	51	274.56
76135	14,989	6	40.03	0	0.00	15	100.07	4	26.69
76137	39,706	9	22.67	0	0.00	42	105.78	23	57.93
76140	18,632	8	42.94	< 3	@	85	456.20	47	252.25
76148	24,700	5	20.24	< 3	@	27	109.31	9	36.44
76155	2,626	3	114.24	0	0.00	5	190.40	4	152.32
76179	20,644	4	19.38	4	19.38	30	145.32	7	33.91
76180	54,195	10	18.45	< 3	0.00	59	108.87	15	27.68
76248	27,924	3	10.74	3	10.74	19	68.04	7	25.07

This table includes diseases with more than 20 cases reported during the year 2003.
The exact number of cases and rate in a Zip Code that has less than 3 cases are not shown to protect patient's privacy and security.
1. 2003 population estimates and projections by Zip Code is not available at this time. Source of Population of Tarrant County by Zip Code: U.S. Census 2000.
2. RATE: Incidence Rate= (Number of new cases in a Zip-Code / Number of persons in a Zip-Code) x 100,000
* NA: Population is not available

Selected Reportable Diseases by ZIP Code

		HEPATITIS A, acute		HEPATITIS B, acute		HEPATITIS B, chronic		HEPATITIS C, acute	
Zip Code	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
75050	37,860	0	0.00	< 3	@	0	0.00	< 3	@
75051	31,299	< 3	@	0	0.00	0	0.00	0	0.00
76001	21,566	0	0.00	< 3	@	3	5.33	< 3	@
76002	7,355	< 3	@	0	0.00	8	37.10	3	13.91
76006	24,678	< 3	@	< 3	@	8	108.77	0	0.00
76010	53,757	< 3	@	< 3	@	5	20.26	< 3	@
76011	29,898	< 3	@	3	5.58	22	40.92	8	14.88
76012	25,488	< 3	@	< 3	@	8	26.76	5	16.72
76013	32,134	5	19.62	0	0.00	4	15.69	16	62.77
76014	31,127	0	0.00	< 3	@	8	24.90	< 3	@
76015	16,063	< 3	@	< 3	@	18	57.83	0	0.00
76016	30,814	< 3	@	< 3	@	6	37.35	< 3	@
76017	42,060	< 3	@	0	0.00	9	29.21	< 3	@
76018	23,918	3	7.13	< 3	@	11	26.15	< 3	@
76020	23,303	0	0.00	0	0.00	25	104.52	3	12.54
76021	33,643	< 3	@	0	0.00	0	0.00	< 3	@
76022	14,038	< 3	@	< 3	@	3	8.92	3	8.92
76028	38,776	0	0.00	0	0.00	0	0.00	< 3	@
76034	19,643	0	0.00	0	0.00	3	7.74	8	20.63
76036	12,731	0	0.00	0	0.00	< 3	@	0	0.00
76039	28,066	0	0.00	0	0.00	< 3	@	0	0.00
76040	23,072	0	0.00	< 3	@	4	14.25	0	0.00
76051	41,813	0	0.00	0	0.00	13	56.35	0	0.00
76052	2,912	0	0.00	0	0.00	5	11.96	3	7.17
76053	24,253	0	0.00	< 3	@	6	24.74	0	0.00
76054	11,686	0	0.00	0	0.00	< 3	@	0	0.00
76060	5,141	0	0.00	< 3	@	< 3	@	0	0.00
76063	32,675	< 3	@	0	0.00	< 3	@	3	9.18
76082	14,997	0	0.00	0	0.00	0	0.00	0	0.00
76092	21,068	0	0.00	0	0.00	< 3	@	< 3	@
76100	NA*	0	NA	0	NA	0	NA	0	NA
76101	NA*	0	NA	0	NA	< 3	NA	< 3	NA
76102	8,432	0	0.00	< 3	@	6	71.16	5	59.30
76103	14,302	5	34.96	0	0.00	5	34.96	6	41.95
76104	17,511	< 3	@	4	22.84	13	74.24	14	79.95
76105	22,047	3	13.61	< 3	@	7	31.75	9	40.82
76106	51,700	0	0.00	0	0.00	7	13.54	6	11.61
76107	26,665	< 3	@	< 3	@	8	30.00	4	15.00
76108	26,423	0	0.00	0	0.00	7	26.49	5	18.92
76109	24,007	0	0.00	0	0.00	< 3	@	0	0.00
76110	32,742	< 3	@	< 3	@	4	12.22	5	15.27
76111	20,503	0	0.00	< 3	@	4	19.51	0	0.00
76112	39,436	< 3	@	< 3	@	18	45.64	3	7.61
76113	NA*	0	NA	0	NA	0	NA	< 3	NA
76114	24,438	0	0.00	0	0.00	3	12.28	< 3	@
76115	20,009	< 3	@	0	0.00	4	19.99	3	14.99
76116	45,343	< 3	@	< 3	@	14	30.88	4	8.82
76117	29,316	0	0.00	4	13.64	7	23.88	6	20.47
76118	12,602	< 3	@	0	0.00	< 3	@	0	0.00
76119	40,484	< 3	@	< 3	@	12	29.64	5	12.35
76120	9,928	0	0.00	0	0.00	< 3	@	0	0.00
76123	11,636	< 3	@	< 3	@	7	60.16	< 3	@
76126	15,454	0	0.00	0	0.00	< 3	@	0	0.00
76131	7,207	0	0.00	0	0.00	3	41.63	0	0.00
76132	21,542	3	13.93	0	0.00	4	18.57	0	0.00
76133	46,073	< 3	@	< 3	@	10	21.70	8	17.36
76134	18,575	0	0.00	0	0.00	< 3	@	< 3	@
76135	14,989	0	0.00	0	0.00	3	20.01	3	20.01
76137	39,706	< 3	@	< 3	@	15	37.78	< 3	@
76140	18,632	0	0.00	0	0.00	6	32.20	6	32.20
76148	24,700	0	0.00	< 3	@	6	24.29	4	16.19
76155	2,626	0	0.00	< 3	@	0	0.00	0	0.00
76179	20,644	< 3	@	0	0.00	4	19.38	0	0.00
76180	54,195	< 3	@	0	0.00	7	12.92	< 3	@
76248	27,924	0	0.00	< 3	@	7	25.07	< 3	@

This table includes diseases with more than 20 cases reported during the year 2003.
The exact number of cases and rate in a Zip Code that has less than 3 cases are not shown to protect patient's privacy and security.
1. 2003 population estimates and projections by Zip Code is not available at this time. Source of Population of Tarrant County by Zip Code: U.S. Census 2000.
2. RATE: Incidence Rate= (Number of new cases in a Zip-Code / Number of persons in a Zip-Code) x 100,000
* NA: Population is not available

Selected Reportable Diseases by ZIP Code

		HEPATITIS C, chronic		HIV		LYME DISEASE		MALARIA	
Zip Code	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
75050	37,860	26	68.67	< 3	@	< 3	@	0	0.00
75051	31,299	21	67.09	0	0.00	0	0.00	0	0.00
76001	21,566	62	110.22	0	0.00	0	0.00	< 3	@
76002	7,355	31	143.74	6	27.82	0	0.00	< 3	@
76006	24,678	8	108.77	< 3	@	0	0.00	0	0.00
76010	53,757	15	60.78	37	149.93	0	0.00	0	0.00
76011	29,898	69	128.36	43	79.99	< 3	@	< 3	@
76012	25,488	44	147.17	35	117.06	0	0.00	< 3	@
76013	32,134	63	247.18	14	54.93	6	23.54	0	0.00
76014	31,127	34	105.81	20	62.24	0	0.00	0	0.00
76015	16,063	41	131.72	33	106.02	0	0.00	< 3	@
76016	30,814	17	105.83	13	80.93	0	0.00	0	0.00
76017	42,060	21	68.15	12	38.94	< 3	@	0	0.00
76018	23,918	23	54.68	19	45.17	< 3	@	0	0.00
76020	23,303	18	75.26	16	66.90	0	0.00	4	16.72
76021	33,643	44	188.82	5	21.46	0	0.00	0	0.00
76022	14,038	38	112.95	20	59.45	0	0.00	0	0.00
76028	38,776	11	78.36	8	56.99	0	0.00	0	0.00
76034	19,643	31	79.95	< 3	@	< 3	@	0	0.00
76036	12,731	10	50.91	3	15.27	0	0.00	0	0.00
76039	28,066	9	70.69	0	0.00	0	0.00	0	0.00
76040	23,072	30	106.89	18	64.13	0	0.00	< 3	@
76051	41,813	34	147.36	28	121.36	< 3	@	0	0.00
76052	2,912	50	119.58	15	35.87	< 3	@	< 3	@
76053	24,253	26	107.20	17	70.09	0	0.00	< 3	@
76054	11,686	21	179.70	< 3	@	0	0.00	0	0.00
76060	5,141	11	213.97	7	136.16	0	0.00	0	0.00
76063	32,675	28	85.69	9	27.54	< 3	@	0	0.00
76082	14,997	5	33.34	0	0.00	0	0.00	0	0.00
76092	21,068	8	37.97	6	28.48	< 3	@	0	0.00
76100	NA*	< 3	NA	0	NA	0	NA	0	NA
76101	NA*	6	NA	4	NA	0	NA	0	NA
76102	8,432	77	913.19	48	569.26	0	0.00	0	0.00
76103	14,302	68	475.46	30	209.76	0	0.00	0	0.00
76104	17,511	120	685.28	85	485.41	0	0.00	0	0.00
76105	22,047	51	231.32	46	208.65	0	0.00	0	0.00
76106	51,700	102	197.29	30	58.03	< 3	@	< 3	@
76107	26,665	72	270.02	81	303.77	0	0.00	0	0.00
76108	26,423	72	272.49	20	75.69	0	0.00	0	0.00
76109	24,007	23	95.81	10	41.65	0	0.00	0	0.00
76110	32,742	76	232.12	45	137.44	0	0.00	0	0.00
76111	20,503	47	229.23	21	102.42	0	0.00	0	0.00
76112	39,436	67	169.90	61	154.68	< 3	@	0	0.00
76113	NA*	4	NA	3	NA	0	NA	0	NA
76114	24,438	71	290.53	12	49.10	< 3	@	0	0.00
76115	20,009	23	114.95	16	79.96	0	0.00	0	0.00
76116	45,343	88	194.08	69	152.17	0	0.00	0	0.00
76117	29,316	65	221.72	20	68.22	0	0.00	0	0.00
76118	12,602	20	158.70	10	79.35	< 3	@	0	0.00
76119	40,484	130	321.11	73	180.32	0	0.00	0	0.00
76120	9,928	6	60.44	13	130.94	< 3	@	0	0.00
76123	11,636	13	111.72	6	51.56	0	0.00	0	0.00
76126	15,454	9	58.24	6	38.82	0	0.00	0	0.00
76131	7,207	6	83.25	4	55.50	< 3	@	0	0.00
76132	21,542	13	60.35	5	23.21	3	13.93	0	0.00
76133	46,073	49	106.35	24	52.09	0	0.00	0	0.00
76134	18,575	21	113.06	7	37.69	0	0.00	0	0.00
76135	14,989	38	253.52	4	26.69	< 3	@	0	0.00
76137	39,706	38	95.70	19	47.85	< 3	@	0	0.00
76140	18,632	39	209.32	15	80.51	0	0.00	0	0.00
76148	24,700	40	161.94	11	44.53	< 3	@	0	0.00
76155	2,626	0	0.00	13	495.05	0	0.00	0	0.00
76179	20,644	31	150.16	6	29.06	0	0.00	0	0.00
76180	54,195	49	90.41	23	42.44	0	0.00	< 3	@
76248	27,924	31	111.02	11	39.39	0	0.00	0	0.00

This table includes diseases with more than 20 cases reported during the year 2003.
The exact number of cases and rate in a Zip Code that has less than 3 cases are not shown to protect patient's privacy and security.
1. 2003 population estimates and projections by Zip Code is not available at this time. Source of Population of Tarrant County by Zip Code: U.S. Census 2000.
2. RATE: Incidence Rate= (Number of new cases in a Zip-Code / Number of persons in a Zip-Code) x 100,000
* NA: Population is not available

Selected Reportable Diseases by ZIP Code

		ASEPTIC MENINGITIS		BACTERIAL MENINGITIS		MENINGOCOCCAL INF		PERTUSSIS	
Zip Code	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
75050	37,860	7	18.49	0	0.00	3	7.92	3	7.92
75051	31,299	7	22.36	< 3	@	0	0.00	0	0.00
76001	21,566	14	24.89	< 3	@	0	0.00	0	0.00
76002	7,355	5	23.18	< 3	@	< 3	@	< 3	@
76006	24,678	3	40.79	0	0.00	0	0.00	0	0.00
76010	53,757	5	20.26	0	0.00	0	0.00	0	0.00
76011	29,898	10	18.60	< 3	@	0	0.00	10	18.60
76012	25,488	10	33.45	0	0.00	0	0.00	< 3	@
76013	32,134	9	35.31	< 3	@	0	0.00	5	19.62
76014	31,127	8	24.90	0	0.00	0	0.00	0	0.00
76015	16,063	4	12.85	0	0.00	0	0.00	0	0.00
76016	30,814	5	31.13	0	0.00	0	0.00	0	0.00
76017	42,060	8	25.96	< 3	@	0	0.00	0	0.00
76018	23,918	7	16.64	0	0.00	0	0.00	< 3	@
76020	23,303	5	20.90	0	0.00	0	0.00	< 3	@
76021	33,643	< 3	@	0	0.00	0	0.00	0	0.00
76022	14,038	4	11.89	3	8.92	0	0.00	0	0.00
76028	38,776	< 3	@	0	0.00	0	0.00	3	21.37
76034	19,643	10	25.79	< 3	@	0	0.00	0	0.00
76036	12,731	3	15.27	0	0.00	0	0.00	0	0.00
76039	28,066	< 3	@	0	0.00	0	0.00	< 3	@
76040	23,072	8	28.50	0	0.00	0	0.00	< 3	@
76051	41,813	10	43.34	0	0.00	0	0.00	0	0.00
76052	2,912	13	31.09	0	0.00	0	0.00	< 3	@
76053	24,253	5	20.62	0	0.00	< 3	@	0	0.00
76054	11,686	0	0.00	0	0.00	0	0.00	< 3	@
76060	5,141	0	0.00	0	0.00	0	0.00	0	0.00
76063	32,675	6	18.36	0	0.00	0	0.00	0	0.00
76082	14,997	0	0.00	0	0.00	0	0.00	0	0.00
76092	21,068	3	14.24	0	0.00	< 3	@	0	0.00
76100	NA*	0	NA	0	NA	0	NA	0	NA
76101	NA*	0	NA	0	NA	0	NA	0	NA
76102	8,432	< 3	@	< 3	@	0	0.00	0	0.00
76103	14,302	4	27.97	0	0.00	0	0.00	< 3	@
76104	17,511	6	34.26	< 3	@	0	0.00	< 3	@
76105	22,047	8	36.29	0	0.00	0	0.00	0	0.00
76106	51,700	30	58.03	0	0.00	3	5.80	< 3	@
76107	26,665	6	22.50	0	0.00	0	0.00	6	22.50
76108	26,423	6	22.71	0	0.00	< 3	@	< 3	@
76109	24,007	4	16.66	0	0.00	< 3	@	< 3	@
76110	32,742	6	18.33	< 3	@	0	0.00	< 3	@
76111	20,503	6	29.26	0	0.00	0	0.00	4	19.51
76112	39,436	7	17.75	< 3	@	< 3	@	< 3	@
76113	NA*	0	NA	0	NA	0	NA	0	NA
76114	24,438	9	36.83	< 3	@	0	0.00	0	0.00
76115	20,009	3	14.99	0	0.00	0	0.00	< 3	@
76116	45,343	10	22.05	< 3	@	< 3	@	< 3	@
76117	29,316	12	40.93	0	0.00	0	0.00	3	10.23
76118	12,602	< 3	@	0	0.00	0	0.00	0	0.00
76119	40,484	17	41.99	0	0.00	< 3	@	0	0.00
76120	9,928	8	80.58	0	0.00	0	0.00	< 3	@
76123	11,636	< 3	@	0	0.00	0	0.00	0	0.00
76126	15,454	4	25.88	0	0.00	0	0.00	< 3	@
76131	7,207	5	69.38	0	0.00	0	0.00	0	0.00
76132	21,542	3	13.93	0	0.00	0	0.00	0	0.00
76133	46,073	6	13.02	< 3	@	0	0.00	3	6.51
76134	18,575	3	16.15	0	0.00	0	0.00	0	0.00
76135	14,989	< 3	@	< 3	@	0	0.00	< 3	@
76137	39,706	22	55.41	0	0.00	< 3	@	0	0.00
76140	18,632	4	21.47	< 3	@	0	0.00	4	21.47
76148	24,700	5	20.24	< 3	@	0	0.00	0	0.00
76155	2,626	< 3	@	0	0.00	0	0.00	0	0.00
76179	20,644	5	24.22	0	0.00	0	0.00	0	0.00
76180	54,195	13	23.99	< 3	@	0	0.00	6	11.07
76248	27,924	17	60.88	< 3	@	3	10.74	< 3	@

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1. 2003 population estimates and projections by Zip Code is not available at this time. Source of Population of Tarrant County by Zip Code: U.S. Census 2000.
2. RATE: Incidence Rate= (Number of new cases in a Zip-Code / Number of persons in a Zip-Code) x 100,000
* NA: Population is not available

Selected Reportable Diseases by ZIP Code

		SALMONELLOSIS		SHIGELLOSIS		STREP INVASIVE GP A		STREP INVASIVE GP B	
Zip Code	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
75050	37,860	< 3	@	7	18.49	< 3	@	3	7.92
75051	31,299	8	25.56	< 3	@	< 3	@	< 3	@
76001	21,566	9	16.00	12	21.33	0	0.00	0	0.00
76002	7,355	< 3	@	0	0.00	0	0.00	0	0.00
76006	24,678	< 3	@	9	122.37	< 3	@	< 3	@
76010	53,757	0	0.00	0	0.00	0	0.00	0	0.00
76011	29,898	5	9.30	20	37.20	< 3	@	0	0.00
76012	25,488	3	10.03	< 3	@	0	0.00	0	0.00
76013	32,134	3	11.77	4	15.69	< 3	@	< 3	@
76014	31,127	< 3	@	< 3	@	0	0.00	< 3	@
76015	16,063	3	9.64	4	12.85	0	0.00	< 3	@
76016	30,814	< 3	@	4	24.90	< 3	@	0	0.00
76017	42,060	< 3	@	< 3	@	< 3	@	0	0.00
76018	23,918	< 3	@	0	0.00	0	0.00	0	0.00
76020	23,303	< 3	@	8	33.45	< 3	@	< 3	@
76021	33,643	0	0.00	4	17.17	< 3	@	< 3	@
76022	14,038	7	20.81	4	11.89	< 3	@	0	0.00
76028	38,776	5	35.62	0	0.00	0	0.00	0	0.00
76034	19,643	15	38.68	21	54.16	< 3	@	0	0.00
76036	12,731	6	30.55	0	0.00	0	0.00	0	0.00
76039	28,066	0	0.00	4	31.42	0	0.00	< 3	@
76040	23,072	5	17.82	9	32.07	0	0.00	0	0.00
76051	41,813	3	13.00	9	39.01	< 3	@	< 3	@
76052	2,912	9	21.52	4	9.57	4	9.57	< 3	@
76053	24,253	< 3	@	0	0.00	< 3	@	0	0.00
76054	11,686	4	34.23	0	0.00	0	0.00	0	0.00
76060	5,141	4	77.81	0	0.00	0	0.00	0	0.00
76063	32,675	3	9.18	7	21.42	< 3	@	0	0.00
76082	14,997	0	0.00	0	0.00	0	0.00	0	0.00
76092	21,068	< 3	@	0	0.00	0	0.00	0	0.00
76100	NA*	0	NA	0	NA	0	NA	0	NA
76101	NA*	6	NA	0	NA	0	NA	0	NA
76102	8,432	< 3	@	0	0.00	0	0.00	0	0.00
76103	14,302	0	0.00	4	27.97	0	0.00	< 3	@
76104	17,511	43	245.56	10	57.11	0	0.00	0	0.00
76105	22,047	< 3	@	3	13.61	0	0.00	0	0.00
76106	51,700	< 3	@	10	19.34	< 3	@	< 3	@
76107	26,665	5	18.75	6	22.50	0	0.00	< 3	@
76108	26,423	3	11.35	< 3	@	< 3	@	< 3	@
76109	24,007	0	0.00	< 3	@	0	0.00	< 3	@
76110	32,742	6	18.33	8	24.43	< 3	@	< 3	@
76111	20,503	0	0.00	4	19.51	0	0.00	0	0.00
76112	39,436	3	7.61	10	25.36	0	0.00	< 3	@
76113	NA*	< 3	NA	< 3	NA	0	NA	0	NA
76114	24,438	< 3	@	11	45.01	0	0.00	< 3	@
76115	20,009	5	24.99	3	14.99	0	0.00	0	0.00
76116	45,343	9	19.85	3	6.62	< 3	@	< 3	@
76117	29,316	5	17.06	0	0.00	0	0.00	< 3	@
76118	12,602	0	0.00	0	0.00	0	0.00	0	0.00
76119	40,484	< 3	@	9	22.23	< 3	@	< 3	@
76120	9,928	0	0.00	4	40.29	0	0.00	0	0.00
76123	11,636	3	25.78	3	25.78	0	0.00	< 3	@
76126	15,454	3	19.41	< 3	@	0	0.00	< 3	@
76131	7,207	3	41.63	< 3	@	0	0.00	< 3	@
76132	21,542	3	13.93	5	23.21	0	0.00	0	0.00
76133	46,073	0	0.00	4	8.68	< 3	@	< 3	@
76134	18,575	3	16.15	0	0.00	0	0.00	< 3	@
76135	14,989	< 3	@	< 3	@	0	0.00	0	0.00
76137	39,706	4	10.07	9	22.67	0	0.00	0	0.00
76140	18,632	< 3	@	9	48.30	0	0.00	< 3	@
76148	24,700	3	12.15	< 3	@	0	0.00	0	0.00
76155	2,626	0	0.00	0	0.00	0	0.00	0	0.00
76179	20,644	3	14.53	3	14.53	4	19.38	< 3	@
76180	54,195	6	11.07	< 3	@	< 3	@	< 3	@
76248	27,924	6	21.49	< 3	@	< 3	@	0	0.00

This table includes diseases with more than 20 cases reported during the year 2003.
The exact number of cases and rate in a Zip Code that has less than 3 cases are not shown to protect patient's privacy and security.
1. 2003 population estimates and projections by Zip Code is not available at this time. Source of Population of Tarrant County by Zip Code: U.S. Census 2000.
2. RATE: Incidence Rate= (Number of new cases in a Zip-Code / Number of persons in a Zip-Code) x 100,000
* NA: Population is not available

Selected Reportable Diseases by ZIP Code

		EARLY SYPHILIS**		TB		VARICELLA		WEST NILE	
Zip Code	Population[1]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]	CASE	RATE[2]
75050	37,860	4	10.57	< 3	@	< 3	@	5	13.21
75051	31,299	< 3	@	< 3	@	0	0.00	< 3	@
76001	21,566	0	0.00	0	0.00	< 3	@	5	8.89
76002	7,355	0	0.00	< 3	@	0	0.00	0	0.00
76006	24,678	< 3	@	0	0.00	< 3	@	< 3	@
76010	53,757	< 3	@	< 3	@	< 3	@	0	0.00
76011	29,898	11	20.46	6	11.16	9	16.74	4	7.44
76012	25,488	4	13.38	3	10.03	0	0.00	0	0.00
76013	32,134	< 3	@	4	15.69	14	54.93	6	23.54
76014	31,127	< 3	@	4	12.45	6	18.67	< 3	@
76015	16,063	3	9.64	4	12.85	< 3	@	0	0.00
76016	30,814	< 3	@	< 3	@	0	0.00	0	0.00
76017	42,060	< 3	@	0	0.00	4	12.98	< 3	@
76018	23,918	0	0.00	4	9.51	5	11.89	3	7.13
76020	23,303	0	0.00	< 3	@	7	29.27	< 3	@
76021	33,643	< 3	@	< 3	@	15	64.37	0	0.00
76022	14,038	< 3	@	0	0.00	6	17.83	< 3	@
76028	38,776	< 3	@	3	21.37	< 3	@	0	0.00
76034	19,643	0	0.00	0	0.00	70	180.52	4	10.32
76036	12,731	0	0.00	0	0.00	3	15.27	3	15.27
76039	28,066	0	0.00	0	0.00	< 3	@	0	0.00
76040	23,072	< 3	@	0	0.00	< 3	@	0	0.00
76051	41,813	0	0.00	3	13.00	< 3	@	0	0.00
76052	2,912	0	0.00	0	0.00	3	7.17	< 3	@
76053	24,253	3	12.37	0	0.00	3	12.37	< 3	@
76054	11,686	0	0.00	0	0.00	5	42.79	0	0.00
76060	5,141	0	0.00	< 3	@	0	0.00	0	0.00
76063	32,675	0	0.00	0	0.00	< 3	@	3	9.18
76082	14,997	0	0.00	0	0.00	0	0.00	< 3	@
76092	21,068	0	0.00	0	0.00	12	56.96	< 3	@
76100	NA*	< 3	NA	0	NA	0	NA	0	NA
76101	NA*	0	NA	< 3	NA	0	NA	0	NA
76102	8,432	3	35.58	8	94.88	< 3	@	0	0.00
76103	14,302	7	48.94	3	20.98	< 3	@	0	0.00
76104	17,511	13	74.24	< 3	@	< 3	@	< 3	@
76105	22,047	15	68.04	4	18.14	4	18.14	0	0.00
76106	51,700	< 3	@	5	9.67	18	34.82	< 3	@
76107	26,665	4	15.00	6	22.50	13	48.75	0	0.00
76108	26,423	< 3	@	4	15.14	4	15.14	4	15.14
76109	24,007	< 3	@	3	12.50	< 3	@	0	0.00
76110	32,742	< 3	@	< 3	@	10	30.54	0	0.00
76111	20,503	< 3	@	5	24.39	12	58.53	0	0.00
76112	39,436	14	35.50	3	7.61	3	7.61	0	0.00
76113	NA*	< 3	NA	0	NA	0	NA	0	NA
76114	24,438	0	0.00	< 3	@	7	28.64	0	0.00
76115	20,009	3	14.99	0	0.00	8	39.98	0	0.00
76116	45,343	15	33.08	8	17.64	13	28.67	0	0.00
76117	29,316	< 3	@	6	20.47	0	0.00	< 3	@
76118	12,602	0	0.00	0	0.00	5	39.68	0	0.00
76119	40,484	9	22.23	0	0.00	6	14.82	< 3	@
76120	9,928	0	0.00	0	0.00	0	0.00	0	0.00
76123	11,636	0	0.00	< 3	@	< 3	@	< 3	@
76126	15,454	0	0.00	< 3	@	5	32.35	0	0.00
76131	7,207	0	0.00	0	0.00	0	0.00	0	0.00
76132	21,542	3	13.93	0	0.00	2	9.28	0	0.00
76133	46,073	< 3	@	0	0.00	17	36.90	< 3	@
76134	18,575	< 3	@	0	0.00	0	0.00	0	0.00
76135	14,989	< 3	@	0	0.00	4	26.69	0	0.00
76137	39,706	0	0.00	0	0.00	10	25.19	4	10.07
76140	18,632	6	32.20	< 3	@	0	0.00	0	0.00
76148	24,700	< 3	@	3	12.15	< 3	@	0	0.00
76155	2,626	0	0.00	0	0.00	0	0.00	< 3	@
76179	20,644	< 3	@	< 3	@	< 3	@	0	0.00
76180	54,195	0	0.00	3	5.54	5	9.23	3	5.54
76248	27,924	0	0.00	< 3	@	11	39.39	3	10.74

This table includes diseases with more than 20 cases reported during the year 2003.
The exact number of cases and rate in a Zip Code that has less than 3 cases are not shown to protect patient's privacy and security.
1. 2003 population estimates and projections by Zip Code is not available at this time. Source of Population of Tarrant County by Zip Code: U.S. Census 2000.
2. RATE: Incidence Rate= (Number of new cases in a Zip-Code / Number of persons in a Zip-Code) x 100,000
* NA: Population is not available ** Early Syphilis includes primary, secondary and early latent Syphilis.

Frequently Reported Diseases

12 Most Frequently Reported Diseases in Tarrant County, 2003

This section of the report presents the 12 most frequently reported diseases in 2003 in Tarrant County. Under the heading of each disease, a brief description, frequency, incidence rate, and geographical distribution of the disease are reported. The 12 most frequently reported communicable diseases are chlamydia, gonorrhea, aseptic meningitis, HIV, salmonellosis, varicella, shigellosis, acute hepatitis C, AIDS, early syphilis, tuberculosis, and campylobacteriosis. The incidence rate of chronic hepatitis B and C were relatively high, but were not included because they are not new infections and may deflect from the seriousness of the more acute infections. Moreover, cases of chronic hepatitis B and C are usually incompletely reported and are subject to duplication.

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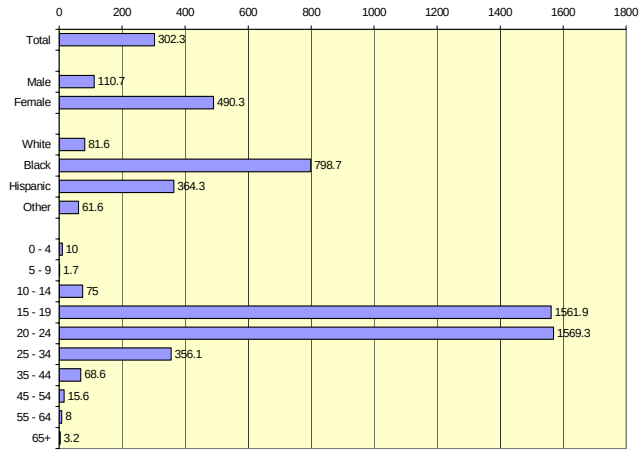
1. Chlamydia

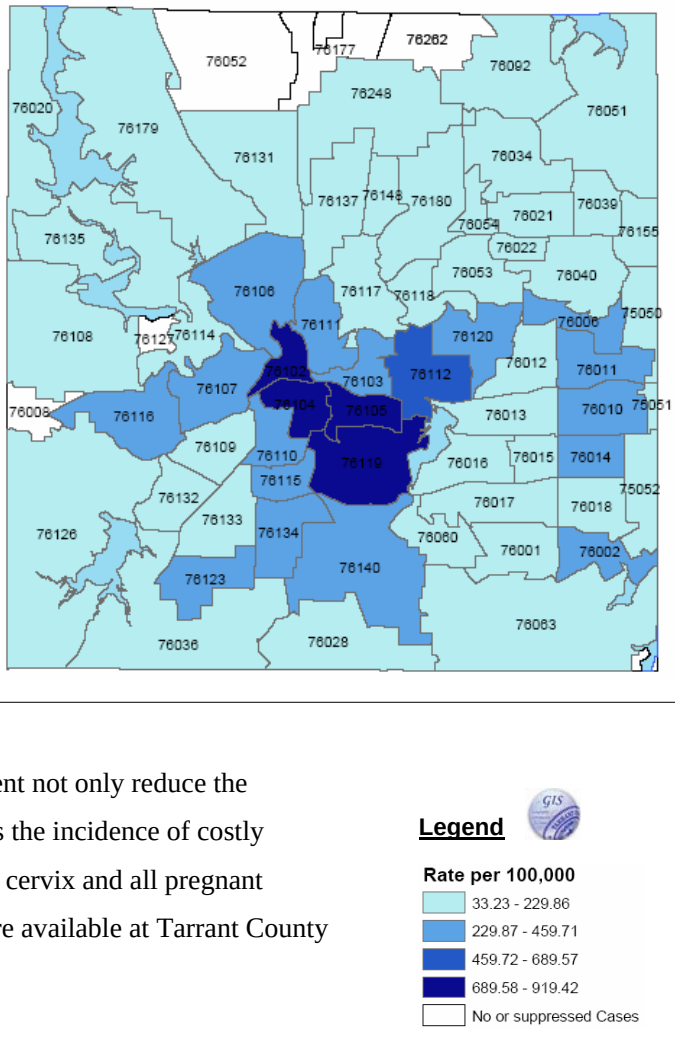
Chlamydia is a sexually transmitted disease (STD) caused by a bacterium *Chlamydia trachomatis*. It is the most frequently reported infectious disease in the United States and in Tarrant County. Many people have asymptomatic infection which results in severe under-reporting.[1]

Figure 1.1. Incidence Rates of Chlamydia in Tarrant County by Gender, Race/Ethnicity and Age, 2003



In 2003, a total of 4,564 cases of Chlamydia were reported in Tarrant County (302.3 per 100,000 pop.). There was a 14% increase in incidence rate compared to the previous year (265.3 per 100,000 pop.). Over 80% of the cases were females (3,729 cases). The incidence rate in females (490.3 per 100,000) was 4 times that of males (110.7 per 100,000) (Figure 1.1). Among ethnic/racial groups, Chlamydia occurred most frequently in Blacks (798.7 per 100,000 pop.) and was 10 times that of Whites (81.6 per 100,000 pop.), 2 times that of Hispanics (364.3 per 100,000 pop.) and 3 times that of Other races/ethncities (61.6 per 100,000 pop.) (Figure 1.1). The incidence rate is highest for young adults age 20 to 24 (1,569.3 per 100,000 population), followed closely by 15-19 year olds (1561.9 per 100,000 population). Over 70% of Chlamydia cases are teenagers or young adults. ZIP codes 76102, 76104, 76105 and 76119 in central Tarrant County had the highest rates of Chlamydia infection

Figure 1.2. Distribution of Chlamydia by ZIP Code



The increasing incidence of Chlamydia in Tarrant County residents indicates a need for intensive health education to encourage screening for Chlamydia and treatment. Strong evidence shows that chlamydia screening and treatment not only reduce the prevalence of lower genital tract infection, but also decreases the incidence of costly complications, such as PID. All women with infection of the cervix and all pregnant women should be tested. Screening and treatment services are available at Tarrant County Public Health.

2. Gonorrhea

Gonorrhea is a common sexually transmitted disease (STD), caused by *Neisseria gonorrhoeae*. Gonorrhea usually spreads through vaginal, anal or oral sexual contact. The incidence of gonorrhea is highest in high-density urban areas among persons under 24 years of age who have had multiple sex partners and engage in unprotected sexual intercourse. Increases in gonorrhea prevalence have been noted recently among homosexual men.

A total of 2,077 Tarrant County residents were diagnosed with gonorrhea in 2003. This translates to an incidence rate of 137.6 per 100,000 population. There is an even distribution of cases among the genders (Figure 2.1). Among the racial/ethnic groups, Blacks had the highest frequency and incidence rate (638.4 per 100,000 population). The incidence rate in Blacks was 10 times that of Hispanics (64.2 per 100,000 pop.), 21 times that of Whites (30.3 per 10000) and 38 times that of Other races/ethnicities (16.4 per 100,000 pop.). Gonococcal infection rate was highest among young individuals age 15-19, followed by those 20-24 years. More than 64% of cases were teenagers and young adults. ZIP codes 76102, 76104, 76105 and 76119 in central Tarrant County had the highest rates of gonococcal infection

Figure 2.1. Incidence Rates of Gonorrhea in Tarrant County by Gender, Race/Ethnicity and Age, 2003

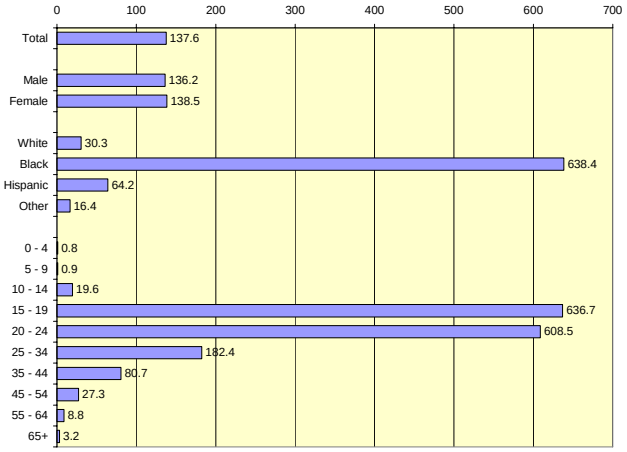
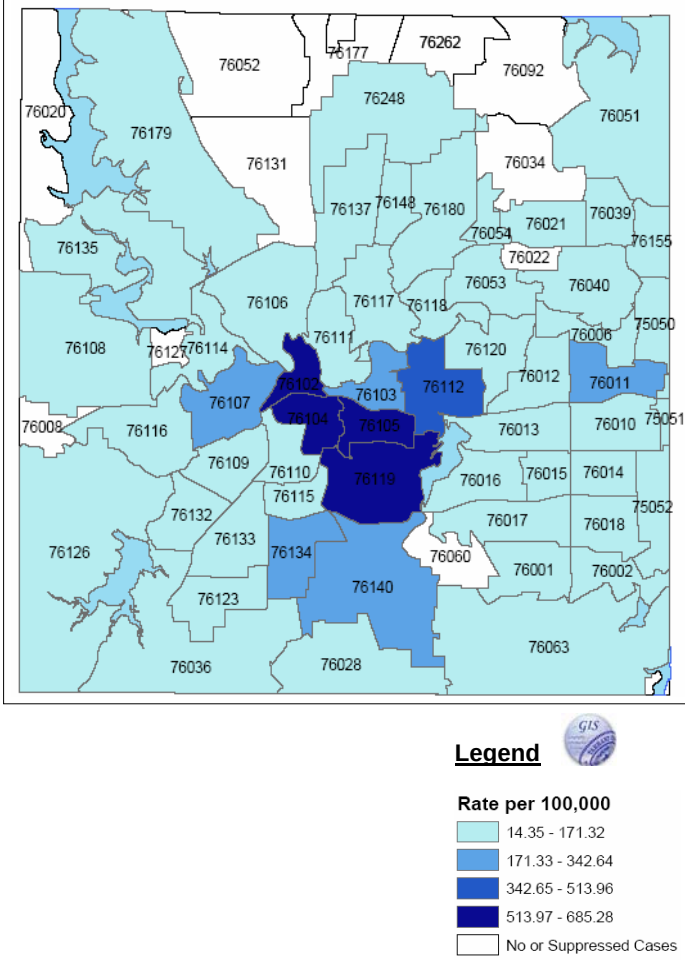


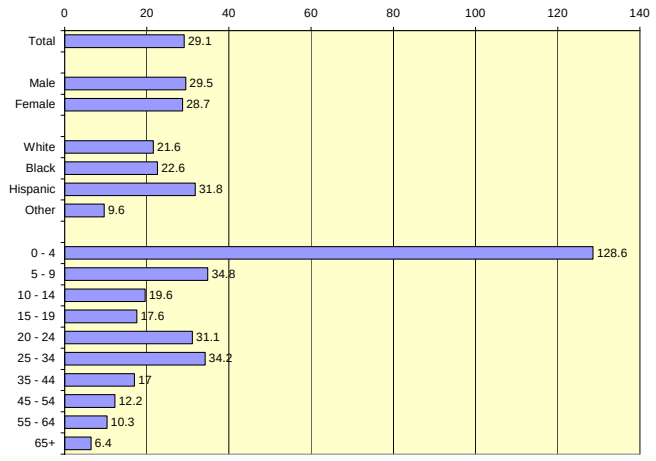
Figure 2.2. Distribution of Gonorrhea by ZIP Code



The practice of sexual abstinence or limiting sexual contact to one uninfected partner is the best prevention strategy.[2] Individuals who choose to engage in sexual behaviors that can place them at risk for STDs should be advised to use latex condoms every time they have sex. A condom can help in protecting both male and female partners from gonorrhea. Appropriate testing and medical management are offered at Tarrant County Public Health.

3. Aseptic Meningitis

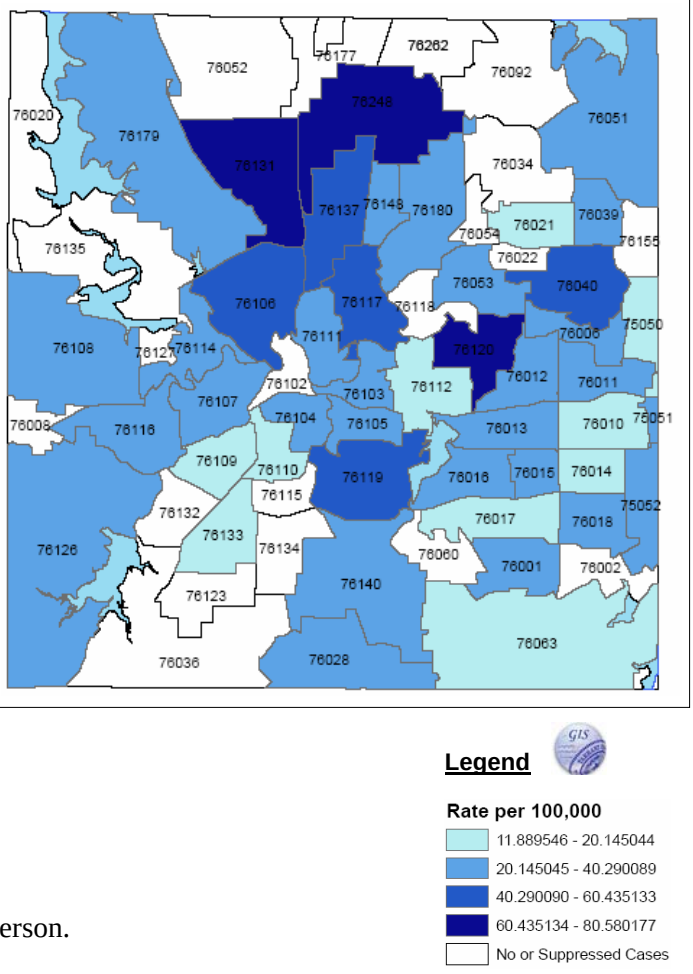
Figure 3.1. Incidence Rates of Aseptic Meningitis in Tarrant County by Gender, Race/Ethnicity and Age, 2003



Meningitis is an illness which consists of inflammation of the tissues that cover the brain and spinal cord (meninges). Viral or aseptic meningitis, which is the most common type, is caused by an infection with one of several of viruses. Meningitis can also be caused by infections with several types of bacteria or fungi. Aseptic (viral) meningitis is serious but rarely fatal in persons with normal immune systems. No specific treatment for viral meningitis exists at this time. Most patients recover completely on their own within 10 days.[3] Bacterial meningitis, on the other hand, can be very serious and result in disability or death if not treated promptly.

The total number of cases of viral meningitis reported in Tarrant County in 2003 was 440. This was 2.5 times the number of in 2002 (170 cases). Figure 3.1 shows no difference in incidence of aseptic meningitis among the genders. With regards to race/ethnicity, the highest incidence rate of aseptic meningitis was in Hispanics (31.8 per 100,000 pop.) followed by Blacks (22.6 per 100,000 population). The disease is most prevalent in young children less than 5 years of age (128.6 per 100,000 pop). The monthly trend of aseptic meningitis shows that more cases were reported during summer. Aseptic meningitis is highest in ZIP Codes 76131, 76248 and 76120.

Figure 3.2. Distribution of Aseptic Meningitis by ZIP Code



Since aseptic meningitis most often spreads through direct contact with respiratory secretions (e.g., saliva, sputum, or nasal mucus) of an infected person, the most effective method of prevention is to wash hands thoroughly after any possible contact with an infected person.

Legend

Rate per 100,000

- 11.889546 - 20.145044
- 20.145045 - 40.290089
- 40.290090 - 60.435133
- 60.435134 - 80.580177
- No or Suppressed Cases

4. HIV

HIV (human immunodeficiency virus) is the virus that causes AIDS. HIV is transmitted through direct contact with infected blood, semen, or vaginal secretions. In addition, infected pregnant women can pass HIV to their baby during pregnancy or delivery, as well as through breast-feeding. Most people with HIV infection will eventually progress to develop AIDS.[4, 5]

In 2003, a total of 383 cases of HIV were reported in Tarrant County, resulting in an incidence rate of 25.4 cases per 100,000 population. More HIV cases were reported among males than females (Figure 4.1). Among race/ethnicity groups, the incidence rate was highest for Blacks (69.9 per 100,000 pop), followed by Hispanics (18.8 per 100,000) and Whites (16.1 per 100,000). The majority of the reported cases were in adults age 20 to 44 years (Figure 4.1). HIV infection rate was highest in ZIP Codes 76104, 76105 and 76155.

Since a vaccine for HIV is not available, the only way to prevent infection is to avoid behaviors that place a person at risk, such as needle sharing and unprotected sex. Many people infected with HIV have no symptoms.

Appropriate testing for HIV and medical management are offered at Tarrant County Public Health.

Figure 4.1. Incidence Rates of HIV in Tarrant County by Gender, Race/Ethnicity and Age, 2003

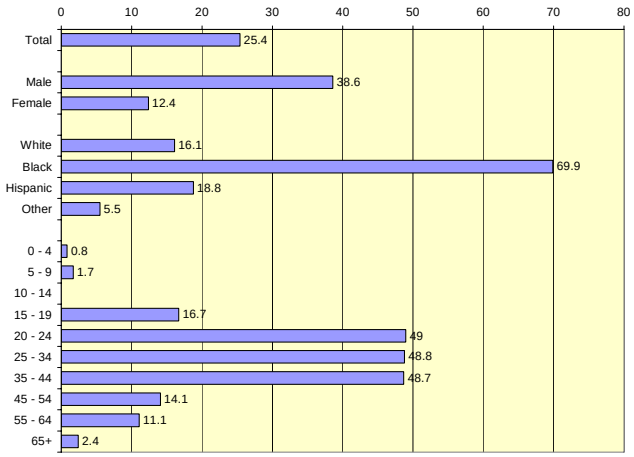
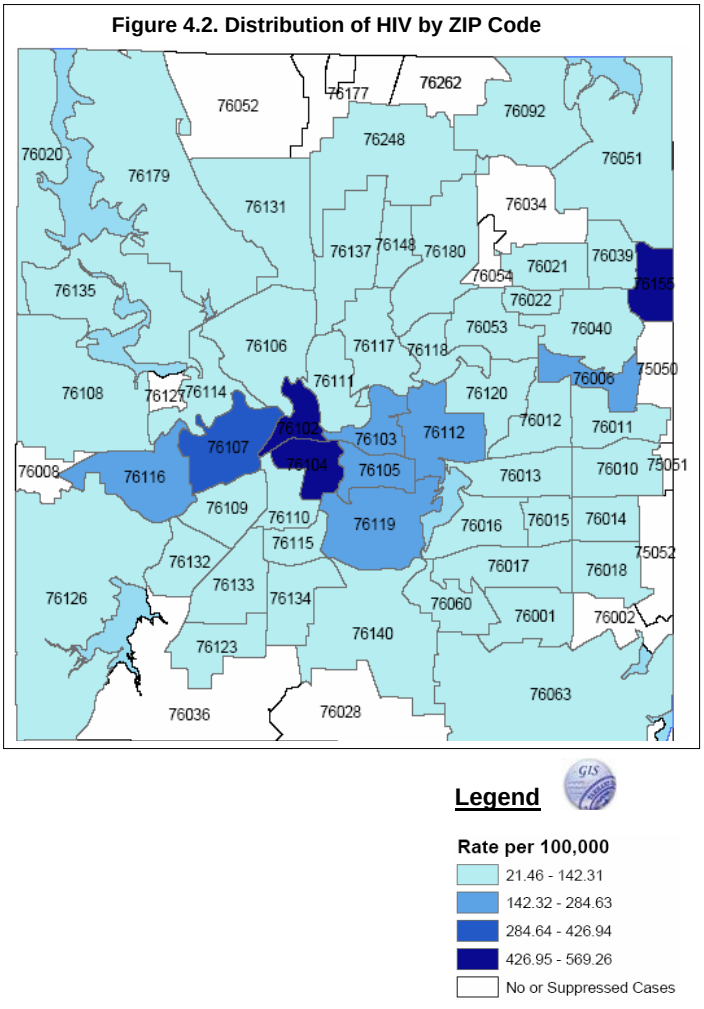


Figure 4.2. Distribution of HIV by ZIP Code



Legend

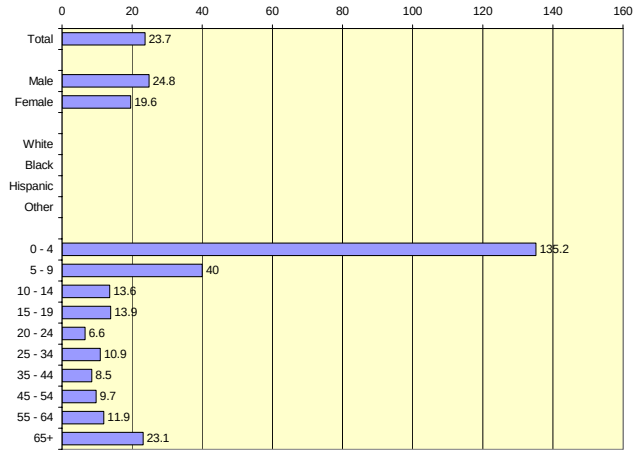
Rate per 100,000

- 21.46 - 142.31
- 142.32 - 284.63
- 284.64 - 426.94
- 426.95 - 569.26
- No or Suppressed Cases

5. Salmonellosis

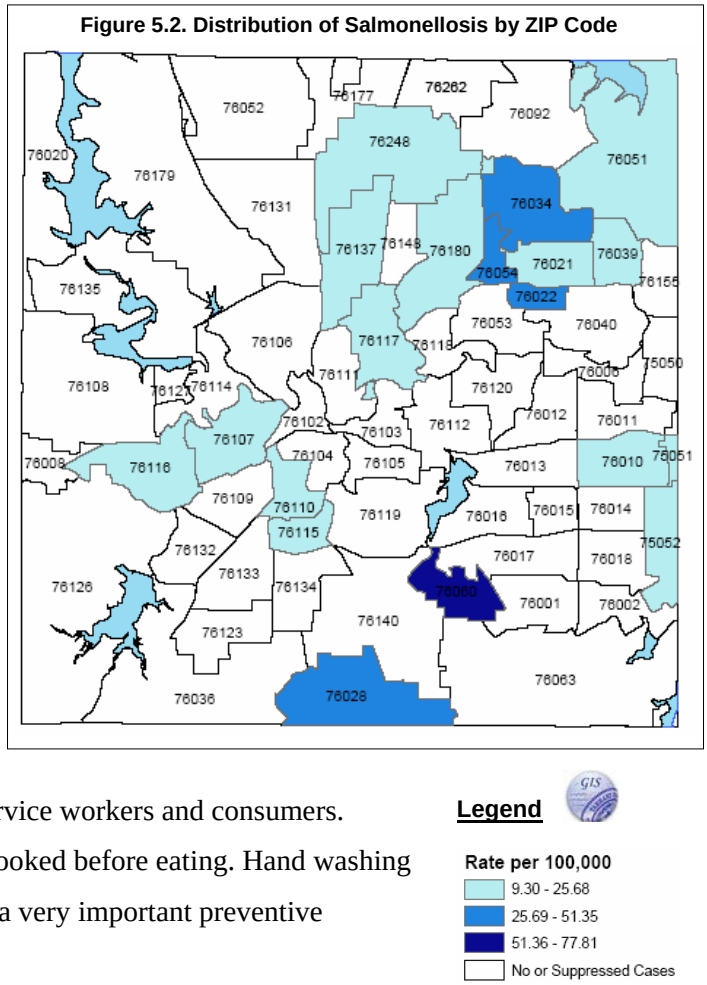
Salmonellosis is a bacterial disease caused by the bacterium *Salmonella*. The most common symptoms are diarrhea, fever, and stomach pain that starts 1 to 3 days after infection, and these symptoms usually go away after a week. Common routes of human salmonellosis infection are eating contaminated food, such as chicken or eggs, or contact with feces of animals that carry *Salmonella.* Reptiles (lizards, snakes, and turtles), baby chicks, and ducklings are especially likely to pass salmonellosis to people. Some people with weakened immune systems are more likely than others to get salmonellosis, such as infants, children younger than 5 years old, organ transplant patients, people with HIV/AIDS, and people receiving treatment for cancer.[6]

Figure 5.1. Incidence Rates of Salmonellosis in Tarrant County by Gender, Race/Ethnicity and Age, 2003



In 2003, a total of 358 cases of salmonellosis were reported in Tarrant County. Salmonellosis was evenly distributed among the genders (Figure 5.1). In 78% of cases of salmonellosis, the race/ethnicity was not reported. Close to half of the reported cases occurred in young children under 5 years of age (135.2 cases per 100,000 pop.). The monthly trend of the infection shows that more cases were reported during the summer season. Salmonellosis is highest in ZIP Code76060.

Figure 5.2. Distribution of Salmonellosis by ZIP Code



Salmonella infection can be controlled through good sanitation in the egg industry and education of food service workers and consumers. Poultry, ground beef, and eggs should be thoroughly cooked before eating. Hand washing after touching meats, eggs, and the feces of animals is a very important preventive measure.

6. Varicella (Chickenpox)

Varicella, commonly known as chickenpox, is a communicable disease caused by the varicella-zoster virus, resulting in a blister-like rash, itching, tiredness and fever. Chickenpox is spread from person to person by direct contact or by air borne droplets from an infected person's coughing or sneezing. A person with chickenpox is contagious 1-2 days before the rash appears and until all blisters have formed scabs. It takes from 10-21 days after contact with an infected person for someone to develop chickenpox.[7]

In 2003, a total of 357 cases of varicella were reported in Tarrant County. The infection occurs almost equally in males and females (Figure 6.1). More than half of all reported cases were in Whites; however the highest incidence rate of varicella is in Hispanics (28.4 cases per 100,000 population) followed by Blacks (23.6 cases per 100,000 population). Regarding age, the incidence rate is highest in children age 5 to 9 (177.6 per 100,000 pop.). Chickenpox is highest in ZIP Code 76028.

Varicella vaccine is now widely available and provides protection against chickenpox. Vaccination is available at Tarrant County Public Health clinics.

Figure 6.1. Incidence Rates of Varicella in Tarrant County by Gender, Race/Ethnicity and Age, 2003

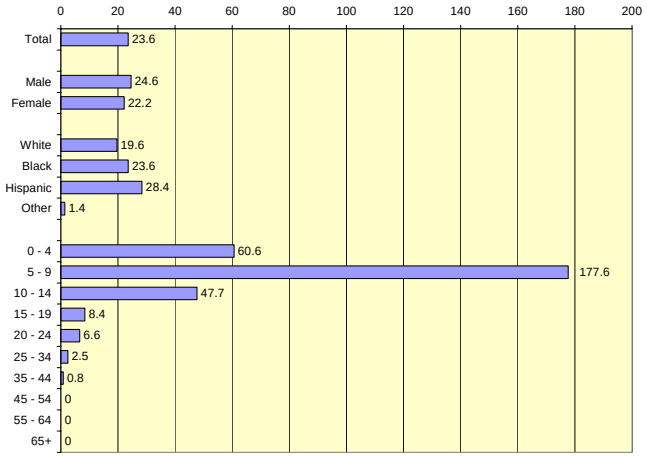
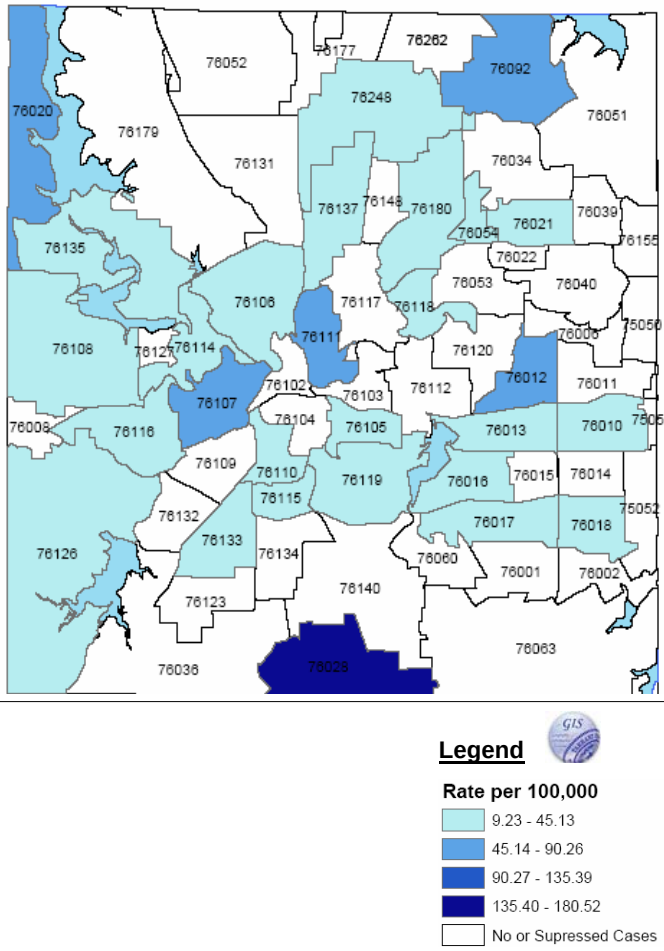


Figure 6.2. Distribution of Varicella by ZIP Code



7. Shigellosis

Shigellosis is a gastrointestinal infection caused by a group of bacteria called *Shigella*. Most people who are infected with *Shigella* develop bloody diarrhea, fever, and stomach cramps starting a day or two after they are exposed to the bacterium. Shigellosis usually resolves in 5 to 7 days. In some persons, especially young children and the elderly, the diarrhea can be so severe that the patient needs to be hospitalized. A severe infection with high fever may also be associated with seizures in children less than 2 years old. Some persons who are infected may have no symptoms at all, but may still pass the *Shigella* bacteria to others.[8]

A total of 333 cases of shigellosis are reported in Tarrant County in 2003 (incidence rate of 22.1 per 100,000 population). More cases are reported among females than males (Figure 7.1). The incidence rate by race/ethnicity is not reported due to the absence of patient's racial/ethnic information in the majority of reported cases (51%). The incidence rate is highest for children age 0 to 4 (98.7 per 100,000 population), followed closely by 5 to 9 years (98.4 per 100,000 pop.). ZIP Code 76002 had the highest incidence rate.

Transmission of the shigella organism can be prevented by frequent and careful hand washing with soap. In addition, basic food safety precautions and regular drinking water treatment are important preventive measures.

Figure 7.1. Incidence Rates of Shigellosis in Tarrant County by Gender, Race/Ethnicity and Age, 2003

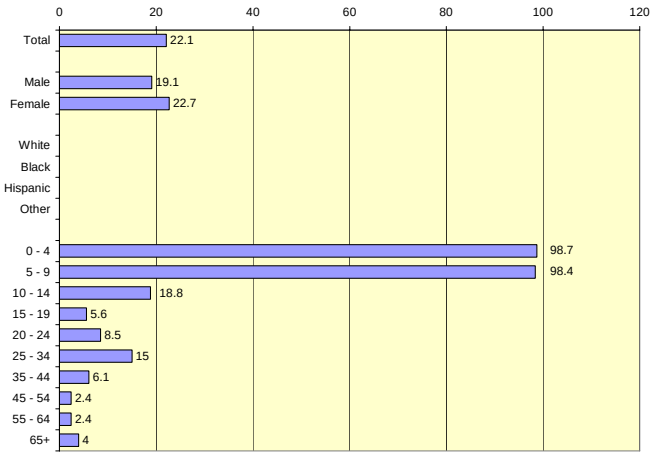
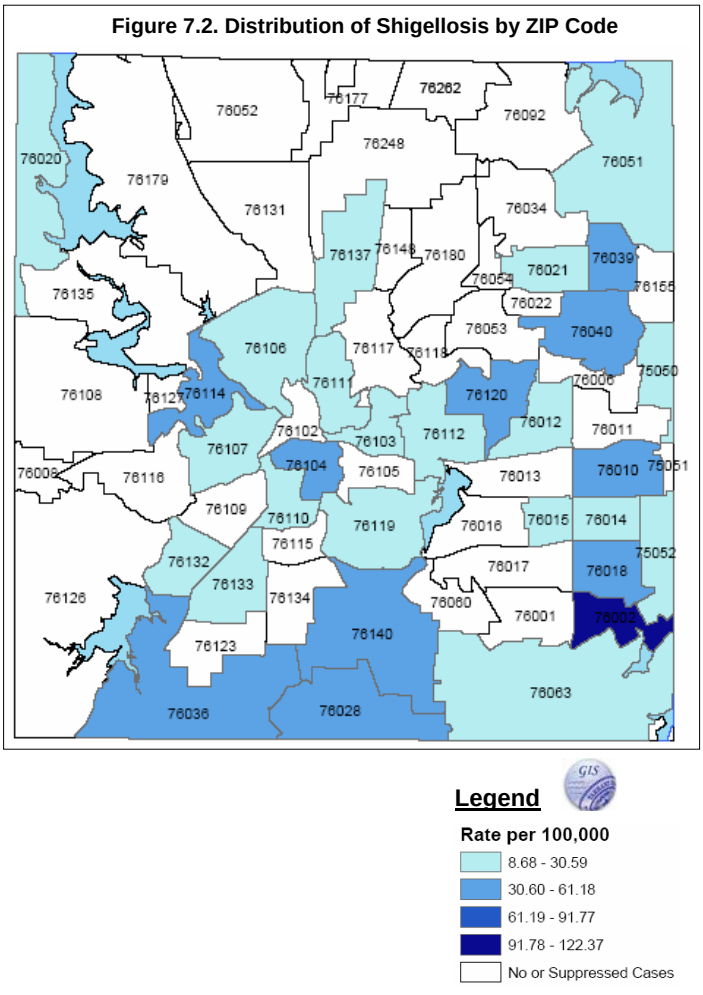


Figure 7.2. Distribution of Shigellosis by ZIP Code



Legend

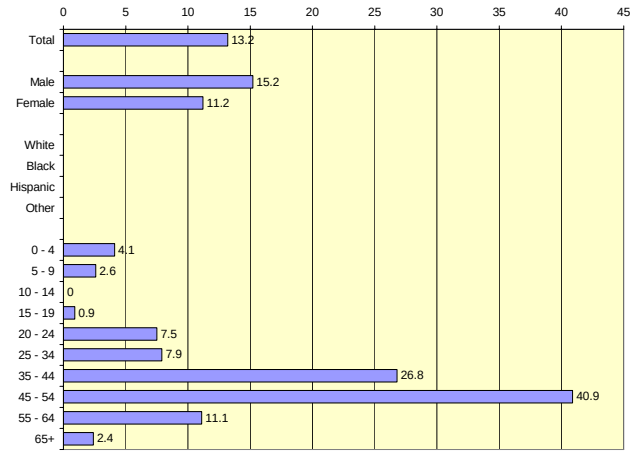
Rate per 100,000

- 8.68 - 30.59
- 30.60 - 61.18
- 61.19 - 91.77
- 91.78 - 122.37
- No or Suppressed Cases

8. Hepatitis C

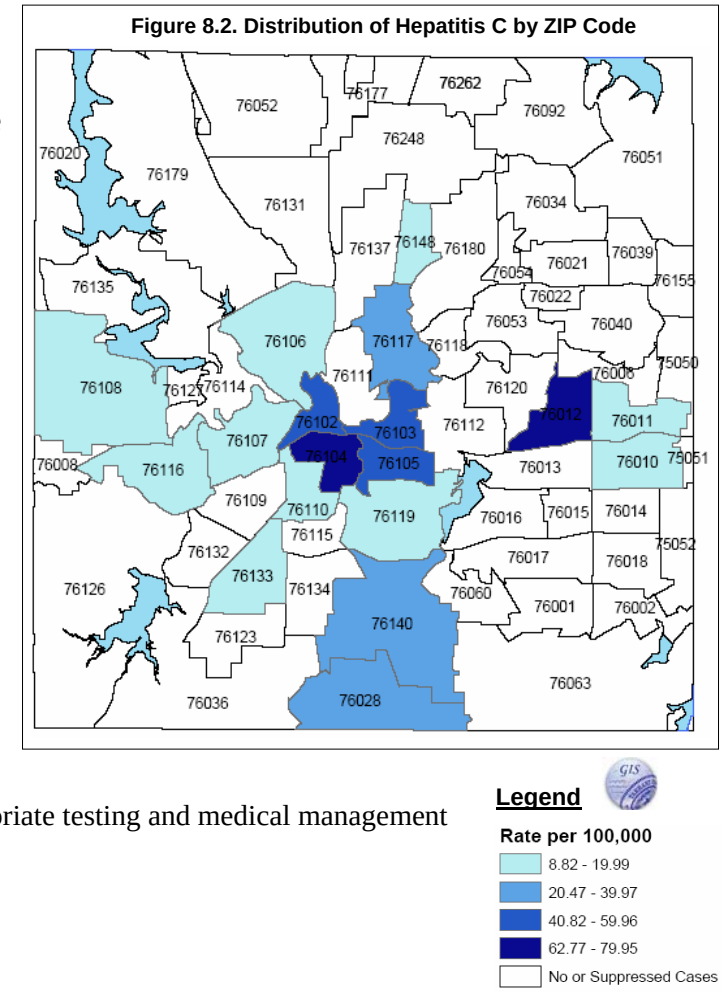
Hepatitis C (HCV) is a viral liver disease spread by contact with the blood and body fluid of an infected person. Acute hepatitis C is a newly-acquired symptomatic infection, but the majority of cases are asymptomatic. When HCV infection persists longer than 6 months, it becomes chronic hepatitis C. It is the most common chronic blood borne viral infection in the United States. Many individuals with chronic HCV are not aware of their infection and are not clinically ill. Frequently the consequences of chronic liver disease from hepatitis C does not become apparent until 10 to 20 years after infection.[9] HCV infection is most often acquired through injection drug use.

Figure 8.1. Incidence Rates of Acute Hepatitis C in Tarrant County by Gender, Race/Ethnicity and Age, 2003



In 2003, a total of 200 cases of acute hepatitis C were reported in Tarrant County, with an incidence rate 13.2 per 100,000 population. The infection rate is more common in men (15.2 per 100,000 pop.) than women (11.2 per 100,000 pop.) (Figure 8.1). Racial/ethnic information was not reported in close to half of the cases. The age group of 45-54 had the highest frequency and rate of newly-acquired hepatitis C infection (40.9 per 100,000 pop.).

Figure 8.2. Distribution of Hepatitis C by ZIP Code



The hepatitis C prevention and control efforts can be achieved by identifying persons at risk for infection and providing them with education, risk reduction counseling, HCV testing, and appropriate medical services including substance abuse treatment. Appropriate testing and medical management are offered at Tarrant County Public Health.

9. AIDS

Acquired immunodeficiency syndrome (AIDS) was first reported in the United States in 1981 and has since become a major worldwide epidemic. AIDS is caused by the human immunodeficiency virus (HIV). By killing or damaging cells of the body's immune system, HIV progressively destroys the body's ability to fight infections and certain cancers. The term AIDS applies to the most advanced stages of HIV infection. Since 1996, the introduction of powerful anti-retroviral therapies has prolonged the period of progression of HIV infection to AIDS. Although there is no cure for AIDS, there are other medical treatments that can prevent or cure some of the illnesses associated with AIDS. Because of these advances in drug therapies and other medical treatments, estimates of how many people will develop AIDS and how soon are being recalculated, revised, or are currently under study.[10]

One hundred ninety-eight (198) cases of AIDS were reported in Tarrant County in 2003, in which 142 are males and 56 are females. Blacks have the highest incidence rate (42.2 cases per 100,000 population). AIDS incidence rate is highest in adults age 35-44 (Figure 9.1).

As with other diseases, early detection of infection allows for more options for treatment and preventive health care. Appropriate testing and medical management are offered at Tarrant County Public Health.

Figure 9.1. Incidence Rates of AIDS in Tarrant County by Gender, Race/Ethnicity and Age, 2003

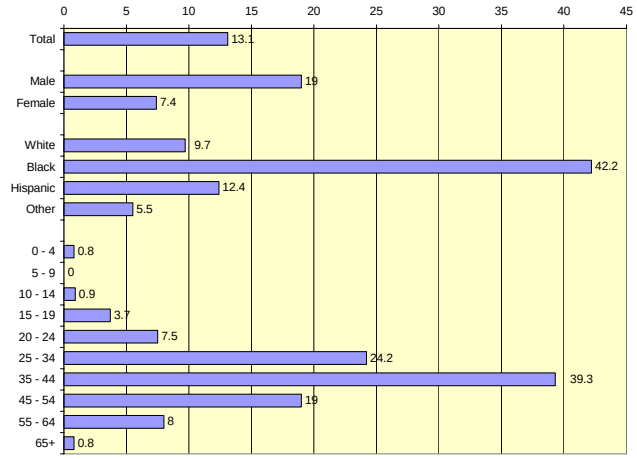
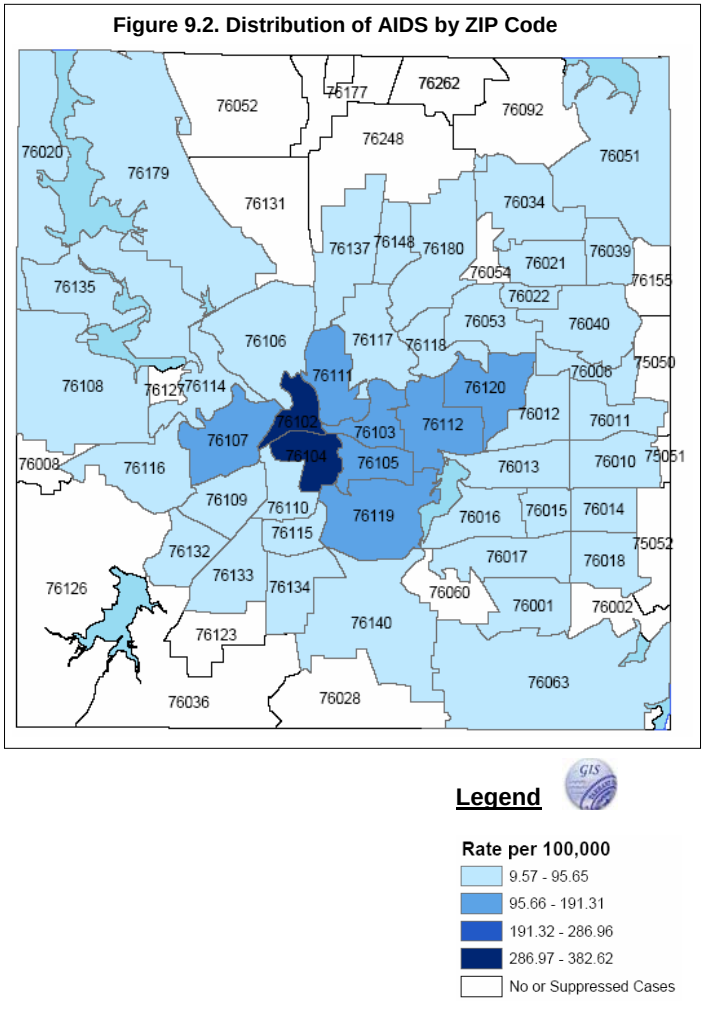


Figure 9.2. Distribution of AIDS by ZIP Code



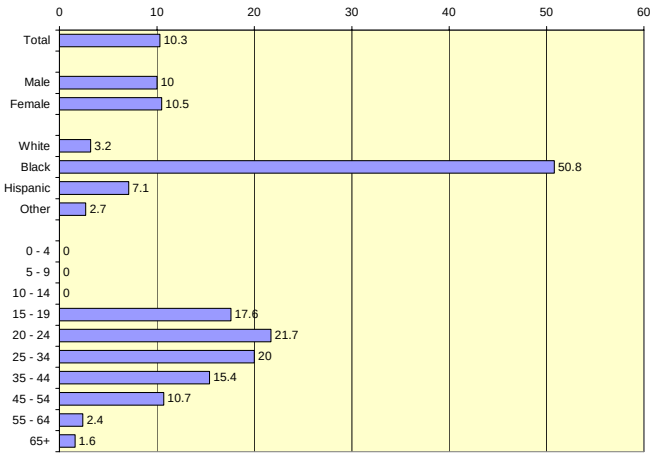
10. Early Syphilis

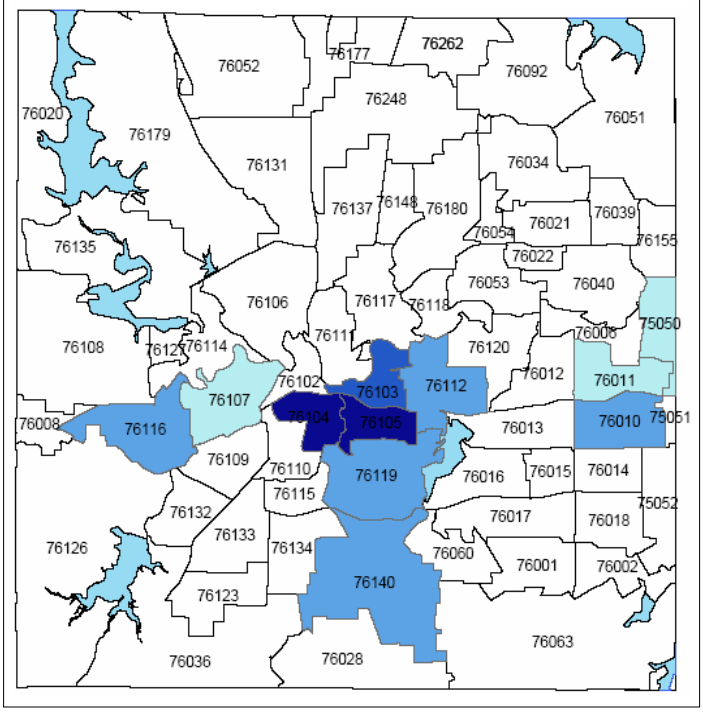
Syphilis is a complex sexually transmitted disease (STD) caused by a spirochete *Treponema pallidum*. Syphilis is passed from person to person through direct contact with syphilis sores on the external genitals, vagina, anus, rectum, lips and mouth. Pregnant women with the disease can pass it to their babies.[11]

Many people infected with syphilis do not have any symptoms for years; yet remain at risk for later complications if not treated. Although transmission appears to occur from persons with sores who are in the primary or secondary stage, many of these sores are unrecognized. Thus, most transmission is from a person who is unaware of their infection.[12] Syphilis infection proceeds in several stages. The primary, secondary and early latent syphilis are called early syphilis, and at this stage syphilis is easy to cure with a single intramuscular injection of penicillin.

In 2003, 155 cases of early syphilis were reported in Tarrant County. It is the only sexually transmitted disease that experienced a decrease in the number of incidences from the previous year (222). There is no marked difference in gender (Figure 10.1). Among the racial/ethnic groups, Blacks have the highest incidence rate (50.8 per 100,000 population), and following the pattern with other STDs, the incidence rate was 7 times that of Hispanics (7.1 per 100,000) and 15 times that of Whites (3.2 per 100,000 pop.) The peak age of incidence is in 20-24 year olds, followed by 25-34 year olds. Appropriate testing and medical management are offered at Tarrant County Public Health.

Figure 10.1. Incidence Rates of Early Syphilis in Tarrant County by Gender, Race/Ethnicity and Age, 2003





Legend

Rate per 100,000

- 10.57 - 18.56
- 18.57 - 37.12
- 37.13 - 55.68
- 55.69 - 74.24
- No or Supressed Cases

11. Tuberculosis (TB)

Tuberculosis, or TB, is a disease caused by a rod-shaped bacterium, *Mycobacterium tuberculosis.* It can attack any part of the body or cause disseminated disease; however it most frequently causes pulmonary infections. The bacilli are transmitted by the airborne route, and may lead to a symptomatic disease depending on host factors. Tuberculosis (TB) can usually be treated successfully with multiple medications.[13]

In 2003, a total 116 cases of tuberculosis were reported in Tarrant County. There were slightly more cases in males than females (Figure 11.1). The TB rate was highest among Blacks (25.1 cases per 100,000 population) and Other races (24.6 per 100,000 population, respectively) and the rate in Blacks was close to 3 times that of Hispanic (9 per 100,000 pop.) and more than 12 times for White (2.0 per 100,000 pop.). The incidence rate was highest for adults age 55 to 64 (15.9 per 100,000 population). ZIP Code 76102 had the highest TB rate. The high risk individuals for TB include those who are foreign born, alcohol abusers, HIV positive, homeless, people in jails, and drug abusers.[14]

Appropriate testing and medical management are offered at Tarrant County Public Health.

Figure 11.1. Incidence Rates of Tuberculosis in Tarrant County by Gender, Race/Ethnicity and Age, 2003

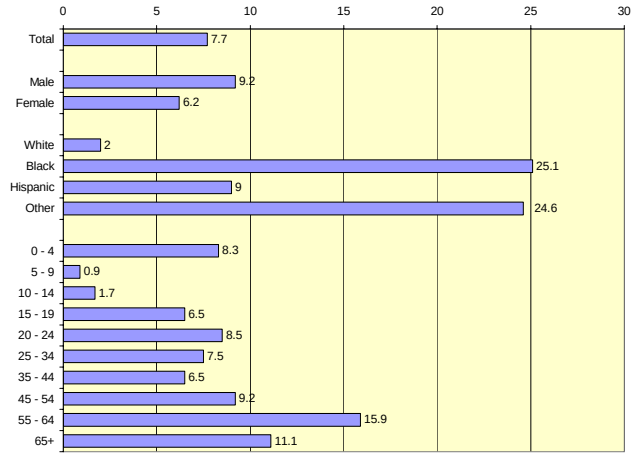
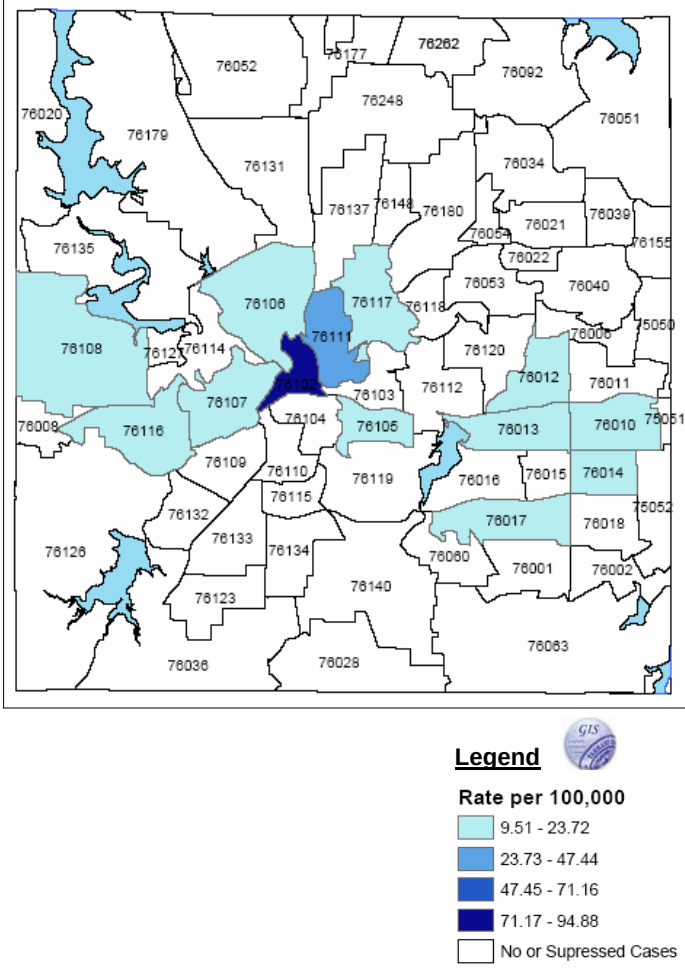


Figure 11.2. Distribution of Tuberculosis by ZIP Code



Legend

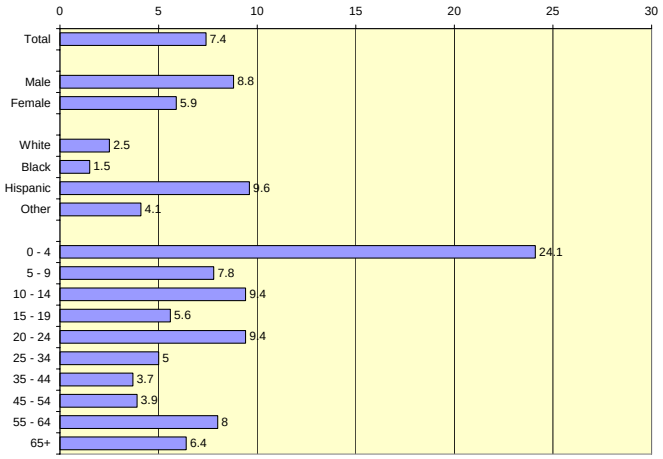
Rate per 100,000

- 9.51 - 23.72
- 23.73 - 47.44
- 47.45 - 71.16
- 71.17 - 94.88
- No or Supressed Cases

12. Campylobacteriosis

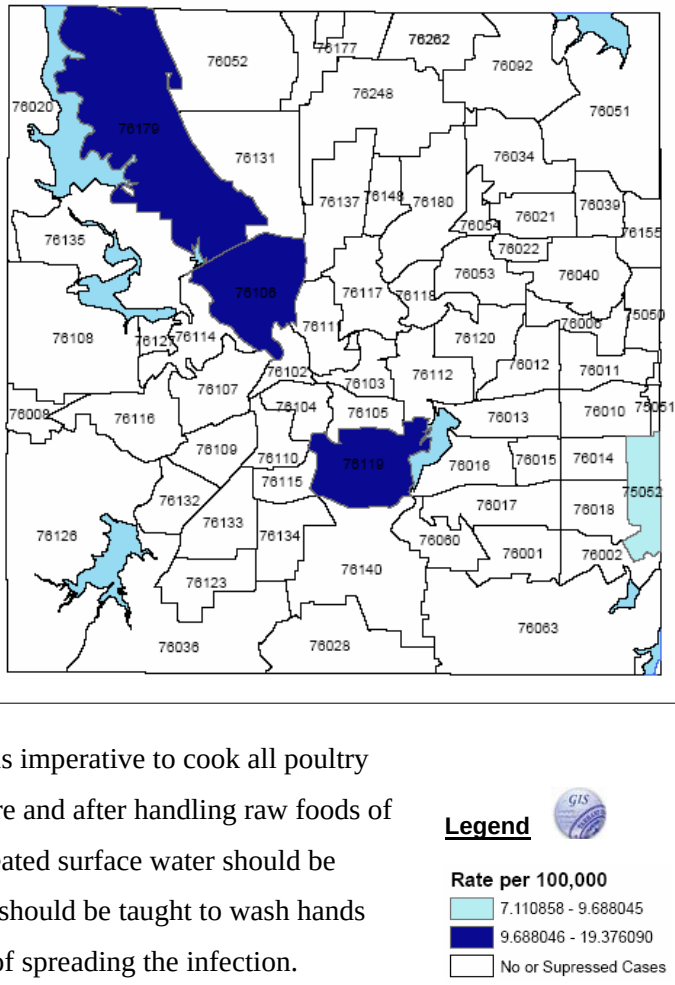
Campylobacteriosis is a gastrointestinal infection caused by bacteria of the genus *Campylobacter*. Symptoms include diarrhea, cramping, abdominal pain, and fever within 2 to 5 days after exposure to the organism. The diarrhea may be bloody and may be accompanied by nausea and vomiting. The illness typically lasts one week. Some people are asymptomatic. In people with compromised immune systems, *Campylobacter* occasionally spreads to the bloodstream and causes serious life-threatening infections.[15]

Figure 12.1. Incidence Rates of Campylobacteriosis in Tarrant County by Gender, Race/Ethnicity and Age, 2003



In 2003, a total of 112 cases of campylobacteriosis were reported in Tarrant County. Cases were more frequently reported in males than females (Figure 12.1). With regard to race/ethnicity, Hispanics have the highest incidence rate (9.6 per 100,000 pop.).The incidence of campylobacteriosis in Hispanics was close to 4 times that of Whites (2.5 per 100,000 pop.) and more than 6 times that of Blacks (1.5 per 100,000 pop.) Analysis by age reveals that the highest frequency of the infection was in children 0 to 4 years (24.1 per 100,000 pop.). ZIP Codes 76119, 76179 and 76106 have the highest rates.

Figure 12.2. Distribution of Campylobacteriosis by ZIP Code



Most cases of campylobacteriosis are associated with handling raw poultry or eating raw or undercooked poultry, and larger outbreaks are usually related to drinking unpasteurized milk or contaminated water. It is imperative to cook all poultry products thoroughly, and to wash hands with soap before and after handling raw foods of animal origin. Consuming unpasteurized milk and untreated surface water should be avoided. Individuals with diarrhea, especially children, should be taught to wash hands frequently and thoroughly with soap to reduce the risk of spreading the infection.

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TARRANT COUNTY
PUBLIC HEALTH

Division of Epidemiology and Health Information
Tarrant County Public Health
1101 S. Main Street
Fort Worth, TX 76104
(817) 321-5350
Fax : (817) 321-5353
24hr Emergency Cell: 817-994-3708
24hr Emergency pager: 817-418-1065

http://health.tarrantcounty.com