



Tarrant County Public Health
Division of Epidemiology and Health Information

Leading Causes of Death, Tarrant County, 2009

Table 1. Number of deaths by gender, Tarrant County, 2009

	Number of Deaths	Percent	Rate
Male	5,154	49.2	910.3
Female	5,324	50.8	710.3
Total	10,478	100.0	798.9

Rate per 100,000, age-adjusted to 2000 standard population

Data source: Texas Department of State Health Services

Table 2. Number of deaths by race/ethnicity, Tarrant County, 2009

	Number of Deaths	Percent	Rate
White	7,837	74.8	825.5
Black	1,374	13.1	959.8
Hispanic	958	9.1	668.6
Other	309	2.9	472.9
Total	10,478	100.0	798.9

Rate per 100,000, age-adjusted to 2000 standard population

Data source: Texas Department of State Health Services

Table 3. Number of deaths by age group (in years), Tarrant County, 2009

	Number of Deaths	Percent	Rate		Number of Deaths	Percent	Rate
Less than 1 yr	194	1.9	655.3	45-54 yrs	991	9.5	401.2
1-14 yrs	68	0.6	18.0	55-64 yrs	1,477	14.1	859.1
15-24 yrs	183	1.7	70.6	65-74 yrs	1,772	16.9	2,069.8
25-34 yrs	233	2.2	83.6	75-84 yrs	2,481	23.7	5,421.8
35-44 yrs	404	3.9	152.3	85+ yrs	2,675	25.5	14,931.6
				Total	10,478	100.0	798.9

Rate per 100,000, Rates are age-group specific

Data source: Texas Department of State Health Services

Table 4a. Rankable causes of death, Tarrant County, 2009[†]

Condition	ICD 10 Code	Count
Accidents (Unintentional Harm)	V01-X59, Y85-Y86	537
Acute Bronchitis & Bronchiolitis	J20-J21	< 5
Acute Poliomyelitis	A80	0
Alzheimer's Disease	G30	287
Anemias	D50-D64	18
Aortic Aneurysm & Dissection	I71	42
Arthropod-borne Viral Encephalitis	A83-A84, A85.2	0
Assault (Homicide)	X85-Y09, Y87.1	70
Atherosclerosis	I70	12
Cerebrovascular Disease	I60-I69	635
Certain Conditions Originating in the Perinatal Period	P00-P96	95
Cholelithiasis & Other Disorders of the Gallbladder	K80-K82	13
Chronic Liver Disease & Cirrhosis	K70, K73-K74	162
Chronic Lower Respiratory Diseases	J40-J47	625
Complications of Medical & Surgical Care	Y40-Y84, Y88	8
Congenital Malformations, Deformations, & Chromosomal Abnormalities	Q00-Q99	78
Diabetes Mellitus	E10-E14	273
Diseases of Appendix	K35-K38	< 5
Diseases of Heart	I00-I09, I11, I13, I20-I51	2,413
Essential (Primary) Hypertension & Hypertensive Renal Disease	I10, I12, I15	129
Hernia	K40-K46	< 5
Human Immunodeficiency Virus (HIV) Disease	B20-B24	50
Hyperplasia of Prostate	N40	0

[†]Ranking standard determined by the National Center for Health Statistics 50 Rankable Causes of Death
Data source: Texas Department of State Health Services

Table 4b. Rankable causes of death, Tarrant County, 2009[†]

Condition	ICD 10 Code	Count
In Situ Neoplasms, Benign Neoplasms, & Neoplasms of Uncertain or Unknown Behavior	D00-D48	45
Infections of Kidney	N10-N12, N13.6, N15.1	< 5
Inflammatory Diseases of Female Pelvic Organs	N70-N76	0
Influenza & Pneumonia	J10-J18	194
Intentional Self-Harm (Suicide)	X60-X84, Y87.0	170
Legal Intervention	Y35, Y89.0	< 5
Malaria	B50-B54	0
Malignant Neoplasms	C00-C97	2,349
Measles	B05	0
Meningitis	G00, G03	0
Meningococcal Infection	A39	< 5
Nephritis, Nephrotic Syndrome, & Nephrosis	N00-N07, N17-N19, N25-N27	217
Nutritional Deficiencies	E40-E64	18
Operations of War & their Sequelae	Y36, Y89.1	0
Parkinson's Disease	G20-G21	75
Peptic Ulcer	K25-K28	7
Pneumoconioses & Chemical Effects	J60-J66, J68	0
Pneumonitis due to Solids & Liquids	J69	78
Pregnancy, Childbirth, & the Puerperium	O00-O99	13
Salmonella Infections	A01-A02	0
Scarlet Fever & Erysipelas	A38, A46	0
Septicemia	A40-A41	176
Shigellosis & Amebiasis	A03, A06	0
Syphilis	A50-A53	< 5
Tuberculosis	A16-A19	0
Viral Hepatitis	B15-B19	34
Whooping Cough	A37	0

[†]Ranking standard determined by the National Center for Health Statistics 50 Rankable Causes of Death
Data source: Texas Department of State Health Services

Table 5. Leading causes of death overall by gender, Tarrant County, 2009

	Overall n (% , Rate)	Male n (% , Rate)	Female n (% , Rate)
1	Diseases of the Heart 2,413 (23.0, 189.6)	Diseases of the Heart 1,240 (24.1, 229.7)	Malignant Neoplasms 1,188 (22.3, 158.9)
2	Malignant Neoplasms 2,349 (22.4, 175.3)	Malignant Neoplasms 1,161(22.5, 200.9)	Diseases of the Heart 1,173 (22.0, 158.2)
3	Cerebrovascular Dis. 635 (6.1, 52.2)	Accidents 368 (7.1, 46.3)	Cerebrovascular Dis. 364 (6.8, 50.2)
4	Chr. Lower Resp. Dis. 625 (6.0, 50.9)	Cerebrovascular Dis. 271 (5.3, 53.7)	Chr. Lower Resp. Dis. 357 (6.7, 48.9)
5	Accidents 537 (5.1, 33.3)	Chr. Lower Resp. Dis. 268 (5.2, 54.9)	Alzheimer's Disease 194 (3.6, 27.3)
6	Alzheimer's Disease 287 (2.7, 25.7)	Diabetes Mellitus 144 (2.8, 25.2)	Accidents 169 (3.2, 20.9)
7	Diabetes Mellitus 273 (2.6, 20.6)	Intentional Self-Harm 135 (2.6, 16.0)	Diabetes Mellitus 129 (2.4, 17.2)
8	Nephritis, etc. 217 (2.1, 16.9)	Nephritis, etc. 115 (2.2, 22.5)	Influenza & Pneum. 111 (2.1, 14.7)
9	Influenza & Pneum. 194 (1.9, 15.5)	Chr. Liver Dis. & Cir. 111(2.2, 14.5)	Nephritis, etc. 102 (1.9, 13.4)
10	Septicemia 176 (1.7, 13.7)	Alzheimer's Disease 93 (1.8, 23.3)	Septicemia 86 (1.6, 11.6)

n = number of deaths

Percent of total deaths attributed to a specific cause

Rate per 100,000, age-adjusted to 2000 standard population

Data source: Texas Department of State Health Services

Table 6. Leading causes of death by race/ethnicity, Tarrant County, 2009

	White n (% , Rate)	Black n (% , Rate)	Hispanic n (% , Rate)	Other n (% , Rate)
1	Diseases of the Heart 1,866 (23.8, 194.9)	Diseases of the Heart 320 (23.3, 237.5)	Malignant Neoplasms 200 (20.9, 138.9)	Malignant Neoplasms 65 (21.0, 93.4)
2	Malignant Neoplasms 1,780 (22.7, 185.0)	Malignant Neoplasms 304 (22.1, 209.4)	Diseases of the Heart 165 (17.2, 157.9)	Diseases of the Heart 62 (20.1, 103.6)
3	Chr. Lower Resp. Dis. 554 (7.1, 59.6)	Cerebrovascular Dis. 98 (7.1, 72.3)	Accidents 75 (7.8, 19.8)	Accidents 37 (12.0, 42.4)
4	Cerebrovascular Dis. 479 (6.1, 51.3)	Accidents 57 (4.1, 29.2)	Cerebrovascular Dis. 48 (5.0, 39.9)	Diabetes Mellitus 11 (3.6, 16.6)
5	Accidents 368 (4.7, 39.7)	Diabetes Mellitus 53 (3.9, 40.7)	Diabetes Mellitus 35 (3.7, 27.1)	Cerebrovascular Dis. 10 (3.2, 19.2)
6	Alzheimer's Disease 250 (3.2, 27.1)	Nephritis, etc. 50 (3.6, 34.7)	Congenital Mal., etc. 34 (3.5, 4.8)	Intentional Self-Harm 10 (3.2, 7.7)
7	Diabetes Mellitus 174 (2.2, 17.9)	Chr. Lower Resp. Dis. 43 (3.1, 30.5)	Chr. Liver Dis. 32 (3.3, 11.7)	Assault 9 (2.9, 6.9)
8	Influenza & Pneum. 147 (1.9, 15.6)	Septicemia 34 (2.5, 26.9)	Con. Of Perinatal Per. 32 (3.2, 3.8)	Chr. Lower Resp. Dis. 8 (2.6, 8.3)
9	Intentional Self-Harm 140 (1.8, 14.2)	Hypertension, etc 32 (2.3, 23.1)	Nephritis, etc. 30 (3.1, 24.1)	Con. Of Perinatal Per. 7 (2.3, 5.7)
10	Nephritis, etc. 132 (1.7, 13.9)	Con. Of Perinatal Per. 27 (2.0, 8.5)	Chr. Lower Resp. Dis. 20 (2.1, 18.9)	Nephritis, etc. 5 (1.6, 13.3)

n = number of deaths

Percent of total deaths attributed to a specific cause

Rate per 100,000, age-adjusted to 2000 standard population

Data source: Texas Department of State Health Services

Table 7. Leading causes of death by age group (in years), Tarrant County, 2009

	< 1 Yr n (% , Rate)	1-14 Yrs n (% , Rate)	15-24 Yrs n (% , Rate)	25-34 Yrs n (% , Rate)	35-44 Yrs n (% , Rate)
1	Con. Of Perinatal Per. 95 (49.0, 320.9)	Accidents 21 (30.9, 5.6)	Accidents 82 (44.8, 31.6)	Accidents 90 (38.6, 32.3)	Malignant Neoplasms 77 (19.1, 29.1)
2	Congenital Mal., etc. 56 (28.9, 189.2)	Malignant Neoplasms 10 (14.7, 2.7)	Assault 21 (11.5, 8.1)	Intentional Self-Harm 23 (9.9, 8.3)	Diseases of the Heart 72 (17.8, 27.2)
3	SIDS† 19 (9.8, 64.2)	Congenital Mal., etc. 6 (8.8, 1.6)	Intentional Self-Harm 19 (10.4, 7.3)	Malignant Neoplasms 23 (9.9, 8.3)	Accidents 62 (15.3, 23.4)
4	---	Assault 5 (7.4, 1.3)	Malignant Neoplasms 11 (6.0, 4.3)	Diseases of the Heart 22 (9.4, 7.9)	Intentional Self-Harm 26 (6.4, 9.8)
5	---	---	Diseases of the Heart 8 (4.4, 3.1)	Assault 13 (5.6, 4.7)	HIV 17 (4.2, 6.4)
6	---	---	Preg., Child birth, etc. 6 (3.3, 2.3)	HIV 7 (3.0, 2.5)	Cerebrovascular Dis. 13 (4.2, 4.9)
7	---	---	Influenza & Pneum. 5 (2.7, 1.9)	Nephritis, etc. 5 (2.1, 1.8)	Chr. Liver Dis. & Cir. 11 (2.7, 4.2)
8	---	---	---	Preg., Child birth, etc. 5 (2.1, 1.8)	Assault 10 (2.5, 3.7)
9	---	---	---	---	Diabetes Mellitus 10 (2.5, 3.7)
10	---	---	---	---	Influenza & Pneum. 10 (2.5, 3.7)

	45-54 Yrs n (% , Rate)	55-64 Yrs n (% , Rate)	65-74 Yrs n (% , Rate)	75-84 Yrs n (% , Rate)	85+ Yrs n (% , Rate)
1	Malignant Neoplasms 254 (25.6, 102.8)	Malignant Neoplasms 479 (32.4, 278.6)	Malignant Neoplasms 617 (34.8, 720.7)	Diseases of the Heart 596 (24.0, 1,302.5)	Diseases of the Heart 765 (28.6, 4,270.2)
2	Diseases of the Heart 200 (20.2, 80.9)	Diseases of the Heart 361 (24.4, 209.9)	Diseases of the Heart 384 (21.7, 448.5)	Malignant Neoplasms 574 (23.1, 1,254.4)	Malignant Neoplasms 304 (11.4, 1,696.9)
3	Accidents 94 (9.5, 38.1)	Chr. Lower Resp. Dis. 75 (5.1, 43.6)	Chr. Lower Resp. Dis. 153 (8.6, 178.7)	Chr. Lower Resp. Dis. 205 (8.3, 447.9)	Cerebrovascular Dis. 240 (9.0, 1,339.7)
4	Intentional Self-Harm 53 (5.3, 21.5)	Cerebrovascular Dis. 61 (4.1, 35.5)	Cerebrovascular Dis. 94 (5.3, 109.8)	Cerebrovascular Dis. 182 (7.3, 397.7)	Alzheimer's Disease 170 (6.4, 948.9)
5	Chr. Liver Dis. & Cir. 45 (4.5, 18.2)	Chr. Liver Dis. & Cir. 58 (3.9, 33.8)	Diabetes Mellitus 59 (3.3, 68.9)	Alzheimer's Disease 98 (4.0, 214.2)	Chr. Lower Resp. Dis. 151 (5.6, 842.9)
6	Cerebrovascular Dis. 39 (3.9, 15.8)	Accidents 53 (3.6, 30.8)	Nephritis, etc. 43 (2.4, 20.2)	Diabetes Mellitus 65 (2.6, 142.1)	Influenza & Pneum. 72 (2.7, 401.9)
7	Diabetes Mellitus 37 (3.7, 14.9)	Diabetes Mellitus 47 (3.2, 27.3)	Septicemia 43 (2.4, 50.2)	Nephritis, etc. 53 (2.1, 115.8)	Nephritis, etc. 59 (2.2, 329.3)
8	Chr. Lower Resp. Dis. 28 (2.8, 11.3)	Intentional Self-Harm 33 (2.2, 19.2)	Accidents 29 (1.6, 33.9)	Accidents 49 (2.0, 107.1)	Accidents 54 (2.0, 301.4)
9	HIV 17 (1.7, 6.9)	Nephritis, etc. 32 (2.2, 18.6)	Chr. Liver Dis. & Cir. 29 (1.6, 33.9)	Influenza & Pneum. 46 (1.9, 100.2)	Diabetes Mellitus 51 (1.9, 284.7)
10	Nephritis, etc./Viral Hep. 15 (1.5, 6.1)	Septicemia 26 (1.8, 15.1)	Influenza & Pneum. 27 (1.5, 31.5)	Septicemia 44 (1.8, 96.2)	Hypertension, etc. 49 (1.8, 273.5)

n = number of deaths

Percent of total deaths attributed to a specific cause

Rate per 100,000; Rates are age-group specific

†Sudden Infant Death Syndrome

Less than five deaths not reported

Data source: Texas Department of State Health Services