



Tarrant County Public Health
Division of Epidemiology and Health Information

Leading Causes of Death, Tarrant County, 2008

Table 1. Number of deaths by gender, Tarrant County, 2008

	Number of Deaths	Percent	Rate
Male	5,347	49.9	970.8
Female	5,379	50.1	734.9
Total	10,726	100.0	839.4

*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, 2008

	Number of Deaths	Percent	Rate
White	8,352	77.9	891.6
Black	1,295	12.1	965.6
Hispanic	781	7.3	615.6
Other	298	2.8	570.8
Total	10,726	100.0	839.4

*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, Tarrant County, 2008

	Number of Deaths	Percent	Rate
Less than 1 yr	212	2.0	723.5
1-14 yrs	66	0.6	17.8
15-24 yrs	179	1.7	70.7
25-34 yrs	231	2.2	84.6
35-44 yrs	425	4.0	161.9

	Number of Deaths	Percent	Rate
45-54 yrs	1,015	9.5	418.2
55-64 yrs	1,536	14.3	933.1
65-74 yrs	1,763	16.4	2,163.7
75-84 yrs	2,630	24.5	5,773.0
85+ yrs	2,669	24.9	15,397.5
Total	10,726	100.0	839.4

*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, 2008[†]

Condition	ICD 10 Code	Count
Accidents (Unintentional Harm)	V01-X59, Y85-Y86	530
Acute Bronchitis & Bronchiolitis	J20-J21	0
Acute Poliomyelitis	A80	0
Alzheimer's Disease	G30	286
Anemias	D50-D64	20
Aortic Aneurysm & Dissection	I71	44
Arthropod-borne Viral Encephalitis	A83-A84, A85.2	0
Assault (Homicide)	X85-Y09, Y87.1	100
Atherosclerosis	I70	24
Cerebrovascular Disease	I60-I69	641
Certain Conditions Originating in the Perinatal Period	P00-P96	116
Cholelithiasis & Other Disorders of the Gallbladder	K80-K82	10
Chronic Liver Disease & Cirrhosis	K70, K73-K74	171
Chronic Lower Respiratory Diseases	J40-J47	637
Complications of Medical & Surgical Care	Y40-Y84, Y88	5
Congenital Malformations, Deformations, & Chromosomal Abnormalities	Q00-Q99	59
Diabetes Mellitus	E10-E14	276
Diseases of Appendix	K35-K38	0
Diseases of Heart	I00-I09, I11, I13, I20-I51	2,490
Essential (Primary) Hypertension & Hypertensive Renal Disease	I10, I12, I15	110
Hernia	K40-K46	8
Human Immunodeficiency Virus (HIV) Disease	B20-B24	52
Hyperplasia of Prostate	N40	< 5

[†]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, 2008[†]

Condition	ICD 10 Code	Count
In Situ Neoplasms, Benign Neoplasms, & Neoplasms of Uncertain or Unknown Behavior	D00-D48	36
Infections of Kidney	N10-N12, N13.6, N15.1	6
Inflammatory Diseases of Female Pelvic Organs	N70-N76	0
Influenza & Pneumonia	J10-J18	176
Intentional Self-Harm (Suicide)	X60-X84, Y87.0	186
Legal Intervention	Y35, Y89.0	0
Malaria	B50-B54	0
Malignant Neoplasms	C00-C97	2,402
Measles	B05	0
Meningitis	G00, G03	< 5
Meningococcal Infection	A39	< 5
Nephritis, Nephrotic Syndrome, & Nephrosis	N00-N07, N17-N19, N25-N27	237
Nutritional Deficiencies	E40-E64	22
Operations of War & their Sequelae	Y36, Y89.1	0
Parkinson's Disease	G20-G21	103
Peptic Ulcer	K25-K28	10
Pneumoconioses & Chemical Effects	J60-J66, J68	< 5
Pneumonitis due to Solids & Liquids	J69	81
Pregnancy, Childbirth, & the Puerperium	O00-O99	6
Salmonella Infections	A01-A02	0
Scarlet Fever & Erysipelas	A38, A46	0
Septicemia	A40-A41	162
Shigellosis & Amebiasis	A03, A06	0
Syphilis	A50-A53	< 5
Tuberculosis	A16-A19	< 5
Viral Hepatitis	B15-B19	50
Whooping Cough	A37	< 5

[†]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 and by gender, Tarrant County, 2008

	Overall n (% , Rate)	Male n (% , Rate)	Female n (% , Rate)
1	Diseases of the Heart 2,490 (23.2, 202.0)	Diseases of the Heart 1,301 (24.3, 252.3)	Diseases of the Heart 1,189 (22.1, 164.2)
2	Malignant Neoplasms 2,402 (22.4, 182.4)	Malignant Neoplasms 1,236 (23.1, 217.7)	Malignant Neoplasms 1,166 (21.7, 158.0)
3	Cerebrovascular Dis. 641 (6.0, 54.0)	Accidents 362 (6.8, 46.4)	Cerebrovascular Dis. 405 (7.5, 57.1)
4	Chr. Lower Resp. Dis. 637 (5.9, 53.8)	Chr. Lower Resp. Dis. 306 (5.7, 62.8)	Chr. Lower Resp. Dis. 331 (6.2, 47.6)
5	Accidents 530 (4.9, 33.4)	Cerebrovascular Dis. 236 (4.4, 49.1)	Alzheimer's Disease 200 (3.7, 29.0)
6	Alzheimer's Disease 286 (2.7, 26.2)	Intentional Self-Harm 144 (2.7, 17.6)	Accidents 168 (3.1, 20.9)
7	Diabetes Mellitus 276 (2.6, 21.5)	Diabetes Mellitus 129 (2.4, 22.6)	Diabetes Mellitus 147 (2.7, 20.5)
8	Nephritis, etc. 237 (2.2, 19.5)	Chr. Liver Dis. & Cir. 117 (2.2, 15.7)	Nephritis, etc. 130 (2.4, 18.0)
9	Intentional Self-Harm 186 (1.7, 11.1)	Nephritis, etc. 107 (2.0, 21.6)	Septicemia 91 (1.7, 12.4)
10	Influenza & Pneum. 176 (1.6, 14.7)	Influenza & Pneum. 87 (1.6, 18.5)	Influenza & Pneum. 89 (1.7, 12.3)

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 6. Leading causes of death by race/ethnicity, Tarrant County, 2008

	White n (% , Rate)	Black n (% , Rate)	Hispanic n (% , Rate)	Other n (% , Rate)
1	Diseases of the Heart 2,030 (24.3, 214.6)	Malignant Neoplasms 333 (25.7, 237.7)	Malignant Neoplasms 174 (22.3, 119.3)	Malignant Neoplasms 66 (22.1, 112.5)
2	Malignant Neoplasms 1,829 (21.9, 190.4)	Diseases of the Heart 277 (21.4, 223.4)	Diseases of the Heart 124 (15.9, 122.6)	Diseases of the Heart 59 (19.8, 107.8)
3	Chr. Lower Resp. Dis. 562 (6.7, 61.6)	Cerebrovascular Dis. 96 (7.4, 79.2)	Cerebrovascular Dis. 54 (6.9, 52.6)	Cerebrovascular Dis. 24 (8.1, 61.6)
4	Cerebrovascular Dis. 467 (5.6, 50.6)	Diabetes Mellitus 66 (5.1, 51.2)	Accidents 45 (5.8, 20.2)	Accidents 20 (6.7, 20.2)
5	Accidents 442 (5.3, 48.1)	Chr. Lower Resp. Dis. 48 (3.7, 39.1)	Nephritis, etc. 31 (4.0, 27.6)	Nephritis, etc. / Chr. Lower Resp. Dis.
6	Alzheimer's Disease 250 (3.0, 28.0)	Nephritis, etc. 44 (3.4, 37.6)	Con. of Perinatal Per. 29 (3.7, 3.5)	11 (3.7, 19.1 / 22.7)
7	Diabetes Mellitus 180 (2.2, 19.1)	Con. of Perinatal Per. 39 (3.0, 12.3)	Chr. Liver Dis. & Cir. 27 (3.5, 13.5)	Con. Of Perinatal Per. 8 (2.7, 6.3)
8	Intentional Self-Harm 167 (2.0, 17.9)	Septicemia / HIV	Diabetes Mellitus 25 (3.2, 18.0)	Septicemia 7 (2.3, 14.2)
9	Nephritis, etc. (151) 1.8, 16.1	24 (1.9, 19.3 / 10.5)	Congenital Mal., etc. 24 (3.1, 2.9)	Intentional Self-Harm 6 (2.0, 6.2)
10	Influenza & Pneum. 139 (1.7, 15.3)	Alzheimer's / Accidents 23 (1.8, 23.9 / 10.4)	Septicemia / Inf. & Pnm. 17 (2.2, 13.6 / 17.5)	Diabetes / Alzheimer's 5 (1.7, 10.7 / 15.0)

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, Tarrant County, 2008

	< 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. 115 (54.2, 392.4)	Accidents 14 (21.2, 3.8)	Accidents 78 (43.6, 30.8)	Accidents 94 (40.7, 34.4)	Accidents 83 (19.5, 31.6)
2	Congenital Mal., etc. 43 (20.3, 146.7)	Congenital Mal., etc. 8 (12.1, 2.2)	Assault (Homicide) 31 (17.3, 12.2)	Diseases of the Heart / Assault (Homicide)	Malignant Neoplasms 75 (17.6, 28.6)
3	SIDS [†] 29 (13.7, 99.0)	Malignant Neoplasms 7 (10.6, 1.9)	Intentional Self-Harm 27 (15.1, 10.7)	24 (10.4, 8.8)	Diseases of the Heart 53 (12.5, 20.2)
4	Diseases of the Heart 5 (2.4, 17.1)	---	Malignant Neoplasms 9 (5.0, 3.6)	Intentional Self-Harm 21 (9.1, 7.7)	Intentional Self-Harm 43 (10.1, 16.4)
5	---	---	---	Malignant Neoplasms 14 (6.1, 5.1)	Chr. Liver Dis. & Cir. 23 (5.4, 8.8)
6	---	---	---	Cerebrovascular Dis. 6 (2.6, 2.2)	HIV 21 (4.9, 8.0)
7	---	---	---	---	Assault (Homicide) 20 (4.7, 7.6)
8	---	---	---	---	Cerebrovascular Dis. 12 (2.8, 4.6)
9	---	---	---	---	Diabetes Mellitus 11 (2.6, 4.2)
10	---	---	---	---	Viral Hepatitis 8 (1.9, 3.0)

	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 287 (28.3, 118.2)	Malignant Neoplasms 547 (35.6, 332.3)	Malignant Neoplasms 573 (32.5, 703.2)	Diseases of the Heart 638 (24.3, 1,400.4)	Diseases of the Heart 804 (30.1, 4,638.3)
2	Diseases of the Heart 220 (21.7, 90.6)	Diseases of the Heart 356 (23.2, 216.3)	Diseases of the Heart 386 (21.9, 473.7)	Malignant Neoplasms 582 (22.1, 1,277.5)	Malignant Neoplasms 307 (11.5, 1,771.1)
3	Accidents 99 (9.8, 40.8)	Chr. Lower Resp. Dis. 75 (4.9, 45.6)	Chr. Lower Resp. Dis. 158 (9.0, 193.9)	Chr. Lower Resp. Dis. 223 (8.5, 489.5)	Cerebrovascular Dis. 218 (8.2, 1,257.6)
4	Chr. Liver Dis. & Cir. 45 (4.4, 18.5)	Cerebrovascular Dis. 58 (3.8, 35.2)	Cerebrovascular Dis. 102 (5.8, 125.2)	Cerebrovascular Dis. 198 (7.5, 434.6)	Chr. Lower Resp. Dis. 146 (5.5, 842.3)
5	Intentional Self-Harm 43 (4.2, 17.7)	Diabetes Mellitus 55 (3.6, 33.4)	Diabetes Mellitus 72 (4.1, 88.4)	Alzheimer's Disease 111 (4.2, 243.7)	Alzheimer's Disease 139 (5.2, 801.9)
6	Cerebrovascular Dis. 40 (3.9, 16.5)	Accidents 43 (2.8, 26.1)	Nephritis, etc. 57 (3.2, 70.0)	Nephritis, etc. 69 (2.6, 151.5)	Influenza & Pneum. 59 (2.2, 340.4)
7	Chr. Lower Resp. Dis. / Diabetes Mellitus / Viral Hepatitis	Chr. Liver Dis. & Cir. 42 (2.7, 25.5)	Chr. Liver Dis. & Cir. 34 (1.9, 41.7)	Diabetes Mellitus 67 (2.5, 147.1)	Nephritis, etc. 58 (2.2, 334.6)
8	22 (2.2, 9.1)	Nephritis, etc. 31 (2.0, 18.8)	Alzheimer's Disease 32 (1.8, 39.3)	Influenza & Pneum. 55 (2.1, 120.7)	Hyperten., etc. 49 (1.8, 282.7)
9	HIV 15 (1.5, 6.2)	Intentional Self-Harm 29 (1.9, 17.6)	Septicemia 30 (1.7, 36.8)	Accidents 50 (1.9, 109.8)	Septicemia 48 (1.8, 276.9)
10		Septicemia 24 (1.6, 14.6)	Influenza & Pneum. 25 (1.4, 30.7)	Parkinson's Disease 49 (1.9, 107.6)	Diabetes Mellitus 46 (1.7, 265.4)

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