



Tarrant County Public Health
Division of Epidemiology and Health Information

Leading Causes of Death, Tarrant County, 2007

Table 1. Number of deaths by gender, Tarrant County, 2007

	Number of Deaths	Percent	Rate
Males	5,139	49.2	970.6
Females	5,297	50.8	741.2
Total	10,436	100.0	840.1

*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, 2007

	Number of Deaths	Percent	Rate
Whites	7,925	75.9	859.7
Blacks	1,374	13.2	1,038.3
Hispanics	863	8.3	685.1
Others	274	2.6	557.9
Total	10,436	100.0	840.1

*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, 2007

	Number of Deaths	Percent	Rate
Less than 1 yr	238	2.3	825.4
1-14 yrs	73	0.7	20.1
15-24 yrs	180	1.7	72.9
25-34 yrs	210	2.0	78.6
35-44 yrs	441	4.2	169.9

	Number of Deaths	Percent	Rate
45-54 yrs	1,050	10.1	443.1
55-64 yrs	1,373	13.2	871.9
65-74 yrs	1,639	15.7	2,115.7
75-84 yrs	2,645	25.3	5,856.7
85+ yrs	2,587	24.8	15,358.6
Total	10,436	100.0	840.1

*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, 2007[†]

Condition	ICD 10 Code	Count
Accidents (Unintentional Harm)	V01-X59, Y85-Y86	499
Acute Bronchitis & Bronchiolitis	J20-J21	2
Acute Poliomyelitis	A80	0
Alzheimer's Disease	G30	295
Anemias	D50-D64	19
Aortic Aneurysm & Dissection	I71	36
Arthropod-borne Viral Encephalitis	A83-A84, A85.2	0
Assault (Homicide)	X85-Y09, Y87.1	89
Atherosclerosis	I70	31
Cerebrovascular Disease	I60-I69	685
Certain Conditions Originating in the Perinatal Period	P00-P96	120
Cholelithiasis & Other Disorders of the Gallbladder	K80-K82	14
Chronic Liver Disease & Cirrhosis	K70, K73-K74	146
Chronic Lower Respiratory Diseases	J40-J47	540
Complications of Medical & Surgical Care	Y40-Y84, Y88	8
Congenital Malformations, Deformations, & Chromosomal Abnormalities	Q00-Q99	74
Diabetes Mellitus	E10-E14	317
Diseases of Appendix	K35-K38	4
Diseases of Heart	I00-I09, I11, I13, I20-I51	2,499
Essential (Primary) Hypertension & Hypertensive Renal Disease	I10, I12, I15	148
Hernia	K40-K46	9
Human Immunodeficiency Virus (HIV) Disease	B20-B24	81
Hyperplasia of Prostate	N40	3

[†]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, 2007[†]

Condition	ICD 10 Code	Count
In Situ Neoplasms, Benign Neoplasms, & Neoplasms of Uncertain or Unknown Behavior	D00-D48	40
Infections of Kidney	N10-N12, N13.6, N15.1	5
Inflammatory Diseases of Female Pelvic Organs	N70-N76	0
Influenza & Pneumonia	J10-J18	162
Intentional Self-Harm (Suicide)	X60-X84, Y87.0	172
Legal Intervention	Y35, Y89.0	0
Malaria	B50-B54	0
Malignant Neoplasms	C00-C97	2,289
Measles	B05	0
Meningitis	G00, G03	2
Meningococcal Infection	A39	0
Nephritis, Nephrotic Syndrome, & Nephrosis	N00-N07, N17-N19, N25-N27	215
Nutritional Deficiencies	E40-E64	21
Operations of War & their Sequelae	Y36, Y89.1	0
Parkinson's Disease	G20-G21	103
Peptic Ulcer	K25-K28	8
Pneumoconioses & Chemical Effects	J60-J66, J68	3
Pneumonitis due to Solids & Liquids	J69	74
Pregnancy, Childbirth, & the Puerperium	O00-O99	2
Salmonella Infections	A01-A02	0
Scarlet Fever & Erysipelas	A38, A46	0
Septicemia	A40-A41	167
Shigellosis & Amebiasis	A03, A06	0
Syphilis	A50-A53	0
Tuberculosis	A16-A19	4
Viral Hepatitis	B15-B19	39
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 and by gender, Tarrant County, 2007

	Overall n (% , Rate)	Male n (% , Rate)	Female n (% , Rate)
1	Diseases of the Heart 2,499 (23.9, 209.8)	Diseases of the Heart 1,278 (24.9, 255.4)	Diseases of the Heart 1,221 (23.1, 174.9)
2	Malignant Neoplasms 2,289 (21.9, 180.8)	Malignant Neoplasms 1,164 (22.7, 219.3)	Malignant Neoplasms 1,125 (21.2, 156.8)
3	Cerebrovascular Dis. 685 (6.6, 59.5)	Accidents 331 (6.4, 44.5)	Cerebrovascular Dis. 392 (7.4, 56.7)
4	Chr. Lower Resp. Dis. 540 (5.2, 45.9)	Cerebrovascular Dis. 293 (5.7, 61.7)	Chr. Lower Resp. Dis. 279 (5.3, 40.8)
5	Accidents 499 (4.8, 32.2)	Chr. Lower Resp. Dis. 261 (5.1, 54.8)	Alzheimer's Disease 211 (4.0, 30.6)
6	Diabetes Mellitus 317 (3.0, 25.4)	Diabetes Mellitus 164 (3.2, 31.3)	Accidents 168 (3.2, 21.1)
7	Alzheimer's Disease 295 (2.8, 27.7)	Intentional Self-Harm 131 (2.5, 16.2)	Diabetes Mellitus 153 (2.9, 21.4)
8	Nephritis, etc. 215 (2.1, 18.2)	Nephritis, etc. 105 (2.0, 23.7)	Nephritis, etc. 110 (2.1, 15.5)
9	Intentional Self-Harm 172 (1.6, 10.2)	Chr. Liver Dis. & Cir. 86 (1.7, 11.3)	Septicemia 99 (1.9, 13.8)
10	Septicemia 167 (1.6, 13.6)	Alzheimer's Disease 84 (1.6, 22.0)	Influenza & Pneum. 93 (1.8, 12.9)

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, 2007

	White n (% , Rate)	Black n (% , Rate)	Hispanic n (% , Rate)	Other n (% , Rate)
1	Diseases of the Heart 1,975 (24.9, 214.3)	Malignant Neoplasms 307 (22.3, 231.0)	Malignant Neoplasms 166 (19.2, 126.9)	Malignant Neoplasms 63 (23.0, 100.3)
2	Malignant Neoplasms 1,753 (22.1, 187.2)	Diseases of the Heart 306 (22.3, 250.5)	Diseases of the Heart 156 (18.1, 172.3)	Diseases of the Heart 62 (22.6, 127.7)
3	Cerebrovascular Dis. 510 (6.4, 56.4)	Cerebrovascular Dis. 102 (7.4, 89.1)	Accidents 67 (7.8, 21.9)	Cerebrovascular Dis. 22 (8.0, 67.4)
4	Chr. Lower Resp. Dis. 484 (6.1, 53.3)	Diabetes, Mellitus 72 (5.2, 56.1)	Cerebrovascular Dis. 51 (5.9, 47.1)	Accidents 17 (6.2, 14.9)
5	Accidents 359 (4.5, 38.9)	Accidents 56 (4.1, 30.4)	Diabetes Mellitus 41 (4.8, 40.0)	Chr. Lower Resp. Dis. 13 (4.7, 36.5)
6	Alzheimer's Disease 243 (3.1, 27.4)	HIV 41 (3.0, 17.9)	Con. of Perinatal Per. 38 (4.4, 4.8)	Nephritis, etc. 11 (4.0, 22.8)
7	Diabetes Mellitus 195 (2.5, 20.8)	Con. of Perinatal Per. 38 (2.8, 12.3)	Nephritis, etc. 25 (2.9, 24.6)	Intentional Self-Harm 10 (3.6, 11.1)
8	Nephritis, etc. / Intentional Self-Harm	Nephritis, etc. 36 (2.6, 28.9)	Congenital Mal., etc. 21 (2.4, 4.7)	Diabetes Mellitus 9 (3.3, 21.1)
9	143 (1.8, 15.8 / 15.1)	Alzheimer's Disease 34 (2.5, 39.5)	Alzheimer's Disease/ Chr. Liver Dis. & Cir. /	Con. Of Perinatal Per. 8 (2.9, 6.9)
10	Influenza & Pneum. 132 (1.7, 14.5)	Hyperten., etc. / CLRD [†] 31 (2.3, 27.8 / 24.1)	Assault (Homicide) 17 (2.0, 24.2/9.0/3.3)	Septicemia 6 (2.2, 15.8)

n = number of deaths

Percent of total deaths attributed to a specific cause

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

[†]Chronic Lower Respiratory Disease

Data source: Texas Department of State Health Services

Table 7. Leading causes of death by age group, Tarrant County, 2007

	< 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. 120 (50.4, 416.2)	Accidents 27 (37.0, 7.4)	Accidents 83 (46.1, 33.6)	Accidents 70 (33.3, 26.2)	Accidents / Malignant Neoplasms
2	Congenital Mal., etc. 53 (22.3, 183.8)	Malignant Neoplasms 12 (16.4, 3.3)	Assault (Homicide) 30 (16.7, 12.2)	Intentional Self-Harm 34 (16.2, 12.7)	75 (17.0, 28.9)
3	SIDS† 38 (16.0, 131.8)	Assault (Homicide) 5 (6.8, 1.4)	Intentional Self-Harm 21 (11.7, 8.5)	Diseases of the Heart 21 (10.0, 7.9)	Diseases of the Heart 67 (15.2, 25.8)
4	---	---	Diseases of the Heart / Malignant Neoplasms	Malignant Neoplasms 19 (9.0, 7.1)	Intentional Self-Harm 42 (9.5, 16.2)
5	---	---	9 (5.0, 3.6)	Assault (Homicide) 17 (8.1, 6.4)	HIV 36 (8.2, 13.9)
6	---	---	---	HIV 7 (3.3, 2.6)	Cerebrovascular Dis. 15 (3.4, 5.8)
7	---	---	---	---	Assault (Homicide) 14 (3.2, 5.4)
8	---	---	---	---	Chr. Lower Resp. Dis. / Chr. Liver Dis. & Cir.
9	---	---	---	---	11 (2.5, 4.2)
10	---	---	---	---	Diabetes Mellitus 10 (2.3, 3.9)

	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 272 (25.9, 114.8)	Malignant Neoplasms 477 (34.7, 302.9)	Malignant Neoplasms 516 (31.5, 666.1)	Diseases of the Heart 699 (26.4, 1,547.8)	Diseases of the Heart 777 (30.0, 4,612.9)
2	Diseases of the Heart 239 (22.8, 100.8)	Diseases of the Heart 297 (21.6, 188.6)	Diseases of the Heart 384 (23.4, 495.7)	Malignant Neoplasms 619 (23.4, 1,370.6)	Malignant Neoplasms 289 (11.2, 1,715.7)
3	Accidents 82 (7.8, 34.6)	Chr. Lower Resp. Dis. 70 (5.1, 44.5)	Chr. Lower Resp. Dis. 139 (8.5, 179.4)	Cerebrovascular Dis. 225 (8.5, 498.2)	Cerebrovascular Dis. 235 (9.1, 1,395.2)
4	Chr. Liver Dis. & Cir. 56 (5.3, 23.6)	Diabetes Mellitus 69 (5.0, 43.8)	Cerebrovascular Dis. 99 (6.0, 127.8)	Chr. Lower Resp. Dis. 173 (6.5, 383.1)	Alzheimer's Disease 172 (6.6, 1201.1)
5	Cerebrovascular Dis. 36 (3.4, 15.2)	Cerebrovascular Dis. 68 (5.0, 43.2)	Diabetes Mellitus 63 (3.8, 81.3)	Alzheimer's Disease 103 (3.9, 228.1)	Chr. Lower Resp. Dis. 113 (4.4, 670.9)
6	Intentional Self-Harm 35 (3.3, 14.8)	Accidents 47 (3.4, 29.8)	Nephritis, etc. 36 (2.2, 46.5)	Diabetes Mellitus 92 (3.5, 203.7)	Nephritis, etc. 68 (2.6, 403.7)
7	Chr. Lower Resp. Disp. 31 (3.0, 13.1)	Chr. Liver Dis. & Cir 38 (2.8, 24.1)	Septicemia 30 (1.8, 38.7)	Nephritis, etc. 62 (2.3, 137.3)	Essen. Hyperten., etc. 63 (2.4, 374.0)
8	Diabetes Mellitus 29 (2.8, 12.2)	Septicemia 30 (2.2, 19.1)	Essen. Hyperten., etc. 26 (1.6, 33.6)	Influenza & Pneum. 53 (2.0, 117.4)	Influenza & Pneum. 59 (2.3, 350.3)
9	HIV 25 (2.4, 10.5)	Intentional Self-Harm 26 (1.9, 16.5)	Chr. Liver Dis. & Cir. / Accidents	Parkinson's Disease 47 (1.8, 104.1)	Accidents 54 (2.1, 320.6)
10	Viral Hepatitis 17 (1.6, 7.2)	Nephritis, etc. 24 (1.7, 15.2)	22 (1.3, 28.4)	Septicemia 45 (1.7, 99.6)	Diabetes Mellitus 50 (1.9, 296.8)

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