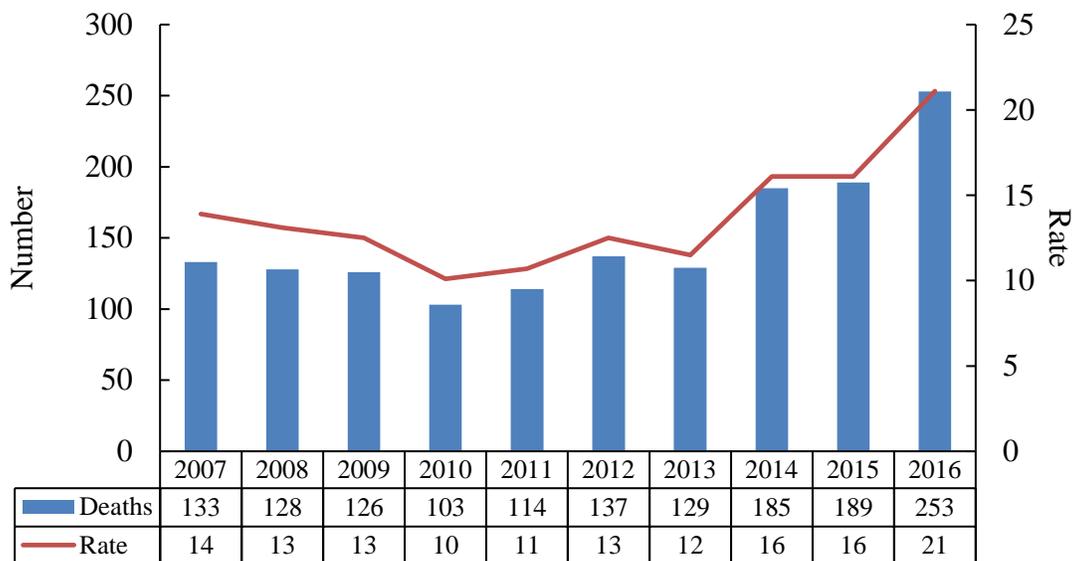


Epidemiological Overview

- In 2016, 253 deaths occurred due to Alzheimer's disease in Travis County.
- The annual mortality rate of Alzheimer's disease increased by 52% over 10 years from 2007 to 2016.
- Females were almost 3 times more likely to die due to Alzheimer's disease than males.
- Older adults 85 years of age or older were 5 times more likely to die due to Alzheimer's disease than 75 to 84 years old.
- In 2016, there were 728 hospitalizations related to Alzheimer's disease among Travis County residents, which consisted of 0.7% of all hospitalizations.
- A high percentage of persons hospitalized with Alzheimer's diseases were females (62%) and persons 85 years of age or older (44%).
- Cardiovascular disease (86%) was a frequent comorbid chronic condition for persons hospitalized with Alzheimer's diseases.

Figure 1. Number and Mortality Rates of Alzheimer's Disease, Travis County, Crude Rate per 100,000 Population, 2007-2016



Data Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017.

Table 1. Alzheimer's Disease Mortality by Gender and Age Group, Travis County, 2016

Characteristics		Number	Percent	Rate per 100,000
Gender	Female	180	71	30
	Male	73	29	12
Age Group (in Years)	65-74	13	5	Unreliable
	75-84	69	28	258
	85 and older	168	67	1,309

Data Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017

Table 2. Hospitalizations Associated with Alzheimer's Disease, Travis County, 2016

Characteristics		Number	Percent %	Rate Per 100,000
Total Count		728	0.7	62
Sex	Female	440	62	76
	Male	275	38	47
Race/Ethnicity	White	404	56	72
	Hispanic	212	29	52
	Black	68	9	75
	Other	39	5	37
Age Group (in years)	60-64	12	2	23
	65-69	36	5	92
	70-74	64	9	268
	75-79	100	14	675
	80-84	177	24	1,757
	85 and older	321	44	3,024
Patient Status on Discharge	To skilled nursing facility	295	41	
	To home or self-care	159	22	
	To home health service	109	15	
	To hospice care	49	7	
	To inpatient rehabilitation facility	31	4	
	Died	21	3	
Charges	Total	\$5,920,853,576		
	Median	\$27,016		
Median Length of Stay		3.0 Days		
Comorbid Chronic Condition	Cardiovascular Disease	624	86	
	Diabetes	188	26	
	COPD	96	13	
	Cancer	34	5	
	Asthma	22	3	

Data Source: Texas Health Care Information Collection (THCIC), Inpatient Hospital Discharge Public Use Data File, 2016.
Texas Demographic Center, Population Estimate File, 2015.

Includes hospital discharges where Alzheimer's disease was mentioned in any diagnosis fields. (ICD-10 Code G.30).

A diagnosis of Alzheimer's disease is not conclusive without an autopsy performed after death. Therefore, misclassification of Alzheimer's disease diagnosis is possible. Since the data have been de-identified and an individual can be hospitalized more than once for the same condition during the data collection period, multiple hospitalizations for the same individual and the same diagnosis cannot be distinguished.

Resource

Alzheimer's Association: <https://www.alz.org/>

Texas Department of State Health Services, Alzheimer's Disease Program: <http://www.dshs.texas.gov/alzheimers/default.shtm>

Centers for Disease Control and Prevention, Alzheimer's Disease and Healthy Aging Program:

<https://www.cdc.gov/aging/aginginfo/alzheimers.htm>