



# PROFILE OF ALZHEIMER'S DISEASE AND OTHER DEMENTIAS IN SAN DIEGO COUNTY

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*Presented at the Alzheimer's Project*

*Care Meeting*

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# TOP TEN LEADING CAUSES OF DEATH, SAN DIEGO COUNTY, 2005-2012



Top Ten Leading Causes of Death Among San Diego County Residents, 2005-2012

	2005	2006	2007	2008	2009	2010	2011	2012
1	Diseases of the heart 5088	Diseases of the heart 4830	Malignant neoplasms 4812	Diseases of the heart 4752	Malignant neoplasms 4734	Malignant neoplasms 4848	Malignant neoplasms 4812	Malignant neoplasms 4958
2	Malignant neoplasms 4664	Malignant neoplasms 4638	Diseases of the heart 4743	Malignant neoplasms 4715	Diseases of the heart 4697	Diseases of the heart 4561	Diseases of the heart 4758	Diseases of the heart 4626
3	Cerebrovascular diseases 1218	Cerebrovascular diseases 1147	Cerebrovascular diseases 1122	Alzheimer's disease 1142	Alzheimer's disease 1115	Alzheimer's disease 1195	Alzheimer's disease 1221	Alzheimer's disease 1163
4	COPD/ Chronic lower respiratory diseases 1128	COPD/ Chronic lower respiratory diseases 1046	Chronic lower respiratory diseases 1023	Cerebrovascular diseases 1121	Cerebrovascular diseases 1080	Chronic lower respiratory diseases 1063	Chronic lower respiratory diseases 1045	Chronic lower respiratory diseases 1029
5	Alzheimer's disease 1094	Alzheimer's disease 1030	Alzheimer's disease 1019	Chronic lower respiratory diseases 1044	Chronic lower respiratory diseases 952	Cerebrovascular diseases 1037	Cerebrovascular diseases 1031	Cerebrovascular diseases 1003
6	Accidents (unintentional injuries) 868	Accidents (unintentional injuries) 924	Accidents (unintentional injuries) 995	Accidents (unintentional injuries) 932	Accidents (unintentional injuries) 949	Accidents (unintentional injuries) 923	Accidents (unintentional injuries) 1017	Accidents (unintentional injuries) 989
7	Influenza and pneumonia 604	Influenza and pneumonia 612	Diabetes mellitus 520	Diabetes mellitus 571	Diabetes mellitus 555	Diabetes mellitus 579	Diabetes mellitus 581	Diabetes mellitus 652
8	Diabetes mellitus 428	Diabetes mellitus 391	Intentional self harm (suicide) 358	Intentional self harm (suicide) 359	Intentional self harm (suicide) 365	Intentional self harm (suicide) 352	Intentional self harm (suicide) 383	Intentional self harm (suicide) 408
9	Intentional self harm (suicide) 297	Intentional self harm (suicide) 290	Chronic liver disease and cirrhosis 315	Influenza and pneumonia 338	Influenza and pneumonia 322	Chronic liver disease and cirrhosis 312	Chronic liver disease and cirrhosis 331	Chronic liver disease and cirrhosis 354
10	Essential (primary) hypertension and hypertensive renal disease 277	Essential (primary) hypertension and hypertensive renal disease 283	Influenza and pneumonia 292	Chronic liver disease and cirrhosis 334	Chronic liver disease and cirrhosis 307	Influenza and pneumonia 338	Influenza and pneumonia 311	Essential (primary) hypertension and hypertensive renal disease 332
	19,554 Total Deaths	19,266 Total Deaths	19,157 Total Deaths	19,408 Total Deaths	19,075 Total Deaths	19,312 Total Deaths	19,852 Total Deaths	20,018 Total Deaths

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files; SANDAG January 1 population estimates (2001-2013 estimate released January 2014). County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunization Services Branch, 3/6/14. Prepared by County of San Diego, Health and Human Services Agency, Public Health Services, Community Health Statistics Unit, 4/24/2014.

# ALZHEIMER'S DISEASE



LIVE WELL  
SAN DIEGO

IN 2012, ALZHEIMER'S DISEASE WAS THE THIRD LEADING CAUSE OF MORTALITY IN SAN DIEGO COUNTY.

Nationally, in 2011, Alzheimer's Disease was ranked as the sixth leading cause of death.

The risk of Alzheimer's Disease increases with age.

- San Diego County residents aged 85 years and over is the fastest growing age group.
- 33% to 43% of those aged 85 years and over live with Alzheimer's Disease.

# DEFINITION OF ALZHEIMER'S DISEASE AND OTHER DEMENTIAS



## EXPANDED DEFINITION OF ALZHEIMER'S DISEASE TO INCLUDE OTHER DEMENTIAS.

Alzheimer's Disease is the most common form of dementia, but all dementias are characterized by:

- a decline in thinking skills
- memory loss
- reduced ability to perform everyday activities

All people suffering from dementia need access to resources such as caregivers and health care professionals trained in the treatment of dementia.

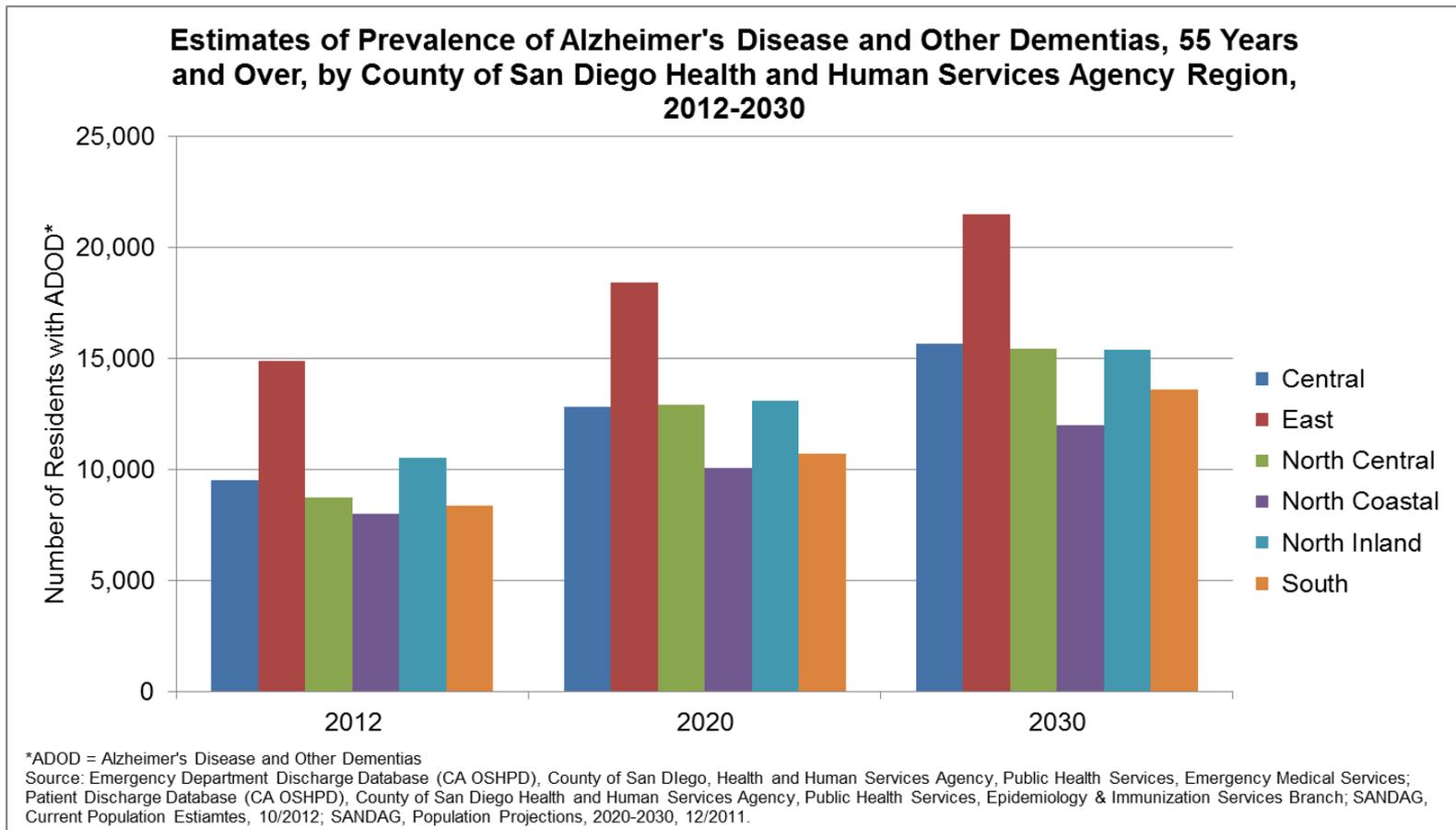
Thus, the definition of Alzheimer's Disease was expanded to include Other Dementias as well (referred to as ADOD).

# PREVALENCE OF ALZHEIMER'S DISEASE AND OTHER DEMENTIAS



60,000 SAN DIEGANS ARE CURRENTLY LIVING WITH ADOD.

If nothing changes, an estimated 77,956 residents will be living with ADOD by 2020 and 93,536 residents will be living with ADOD by 2030.





## THERE WERE 19,418 SAN DIEGANS AGE 55 YEARS AND OVER WITH ANY MENTION OF ADOD IN THEIR EMERGENCY DEPARTMENT OR HOSPITAL DISCHARGE.

- The most emergency department discharges by one person with any mention of ADOD was 42.
- The most hospital discharges by one person with any mention of ADOD was 12.
- The three San Diego County subregional areas (SRAs) that had the highest number of people discharged were Chula Vista, Escondido, and Kearny Mesa.

In 2012, the rate of persons aged 55 years and over discharged from the ED or hospital with any mention of ADOD was 2.7%.

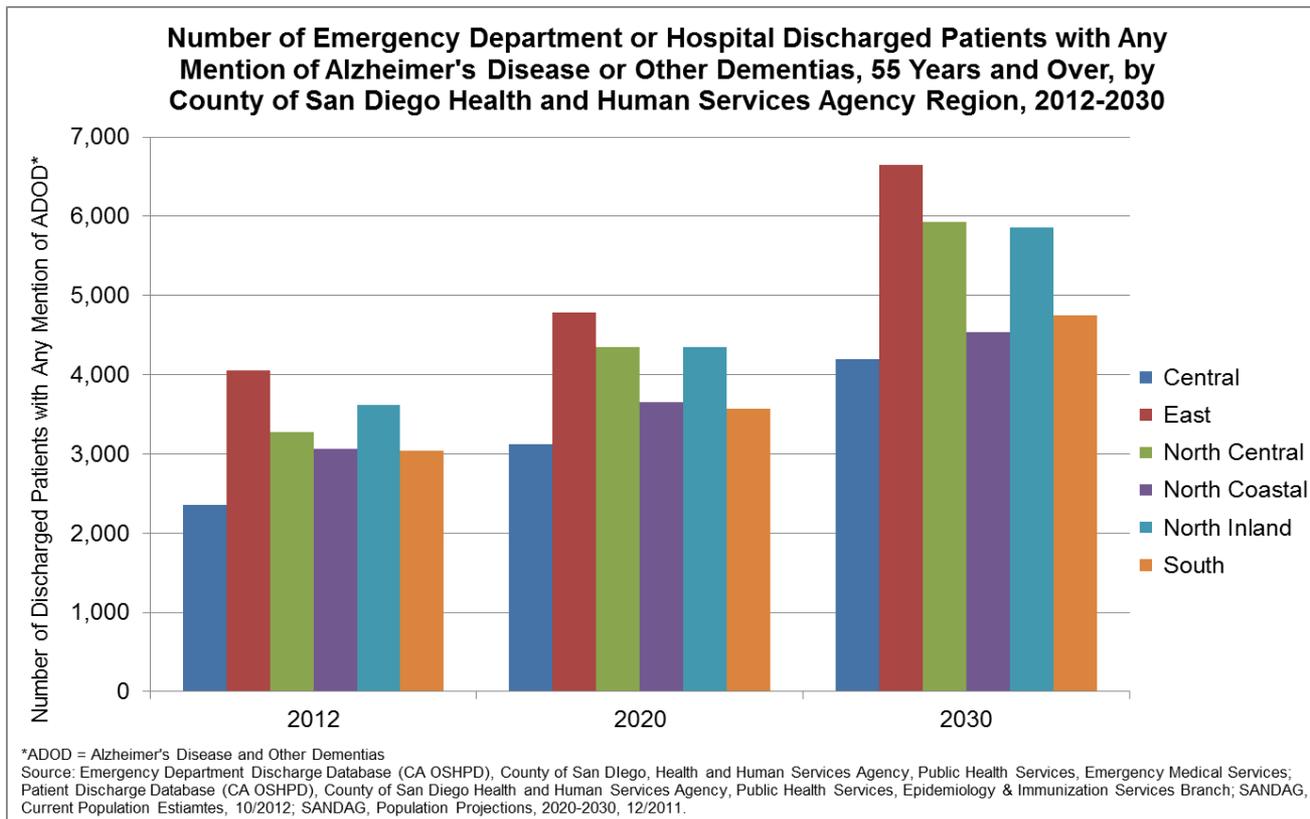
- The three SRAs that had the largest risk per person were La Mesa, National City, and Chula Vista.

# MEDICAL ENCOUNTER DATA



**BY 2030, THE BURDEN ON THE MEDICAL SYSTEM WILL INCREASE BY 64% IF NOTHING CHANGES.**

If nothing changes, there will be 23,840 ED and Hospital patients with any mention of ADOD by 2020 and 31,909 ED and Hospital patients with any mention of ADOD by 2030.





## IN ADDITION TO EMERGENCY DEPARTMENT AND HOSPITAL VISITS, PATIENTS WITH ADOD USE COUNTY OF SAN DIEGO PROGRAMS.

Currently, 39 of the 100 Public Guardian clients have Alzheimer's Disease or Other Dementias.

In 2012, there were 262 mentions of Alzheimer's Disease or Other Dementias among 232 individual clients 55 years and over utilizing County of San Diego Behavioral Health Services programs.

# CAREGIVING FOR PEOPLE WITH ALZHEIMER'S DISEASE AND OTHER DEMENTIAS



LIVE WELL  
SAN DIEGO

**THERE ARE 136,800 UNPAID CAREGIVERS PROVIDING CARE TO SAN DIEGANS CURRENTLY LIVING WITH ADOD.**

In 2013, caregivers in San Diego County provided 156 million hours of unpaid care, valued at \$1.94 billion.

Caregivers experience emotional stress, depression, and a difficult time managing their own health. In San Diego County, the health care costs to caregivers were \$75.4 million.

If nothing else changes, by 2030 there will be 93,600 people aged 55 years and over with ADOD in San Diego County. This will require:

- 213,282 unpaid caregivers.
- 242.8 million hours of unpaid care worth \$3.02 billion.

The health care costs of unpaid caregivers will increase to \$117.6 million a year.