

Population Aging, Dementia and the Future of Care

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Who Should Take Care of the Older Adults Living with Dementia?

- ☐ Family
- ☐ The “State”
- ☐ Market (Employer)
- ☐ Elderly Individual
- ☐ Technology



2024 Michigan Poll Results Who Should Pay for Caregiving of Individuals 65 and Over

Government	45%
Elderly Recipient	27%
Family or Friends	18%
Other Sources	10%



In 2010, 35.5 million people worldwide had dementia.

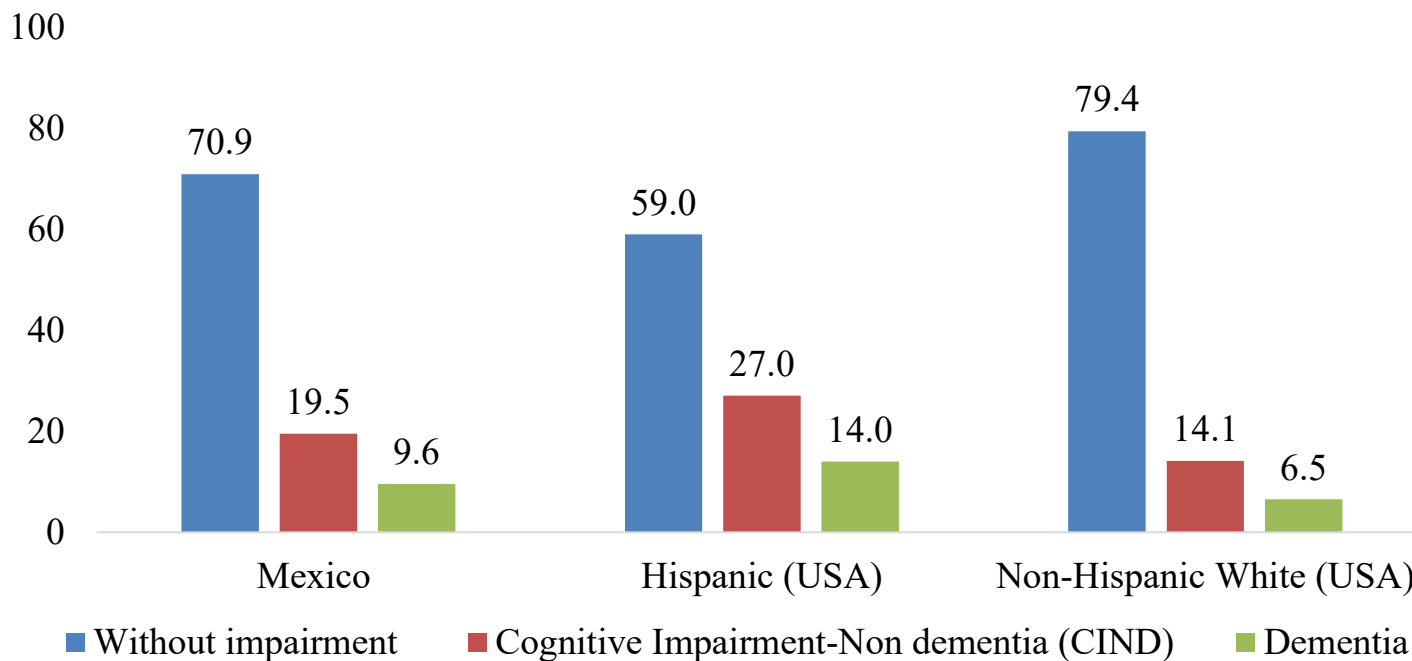
Source - "Dementia: a public health priority" report, World Health Organization and Alzheimer's Disease International

Approximately, 55.2 million people in 2020 were living with dementia worldwide and the number is estimated to rise to 152 million by 2050.

Source: [World Health Organization. Global Dementia Observatory \(GDO\) Global Dementia Observatory \(GDO\)](#)

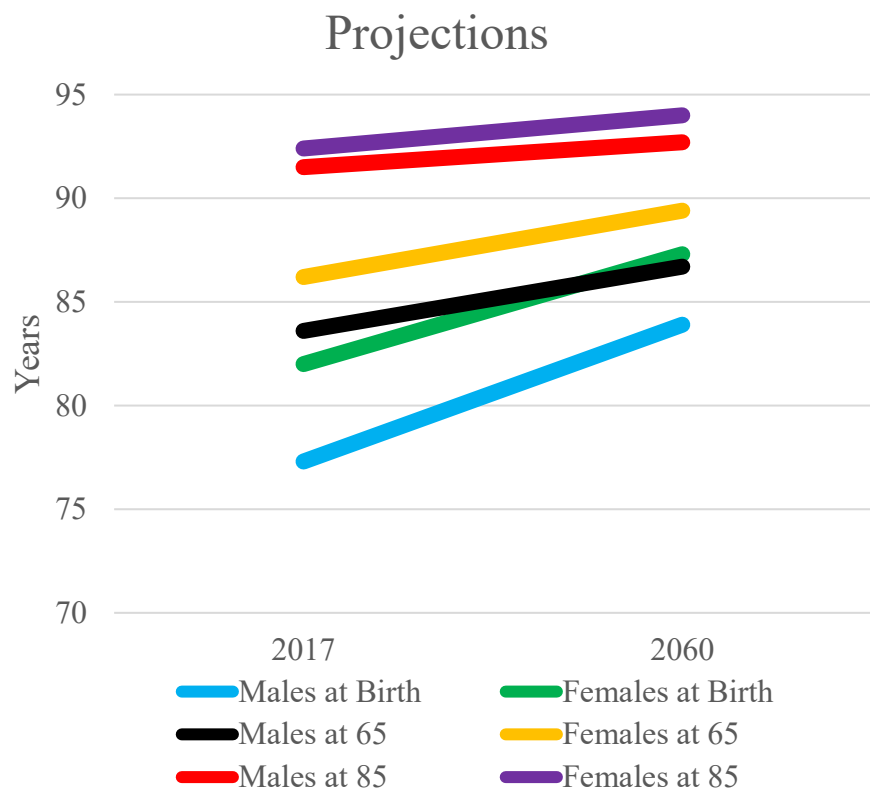
Prevalence of Cognitive Impairment and Dementia in Mexico and U.S.

Percent



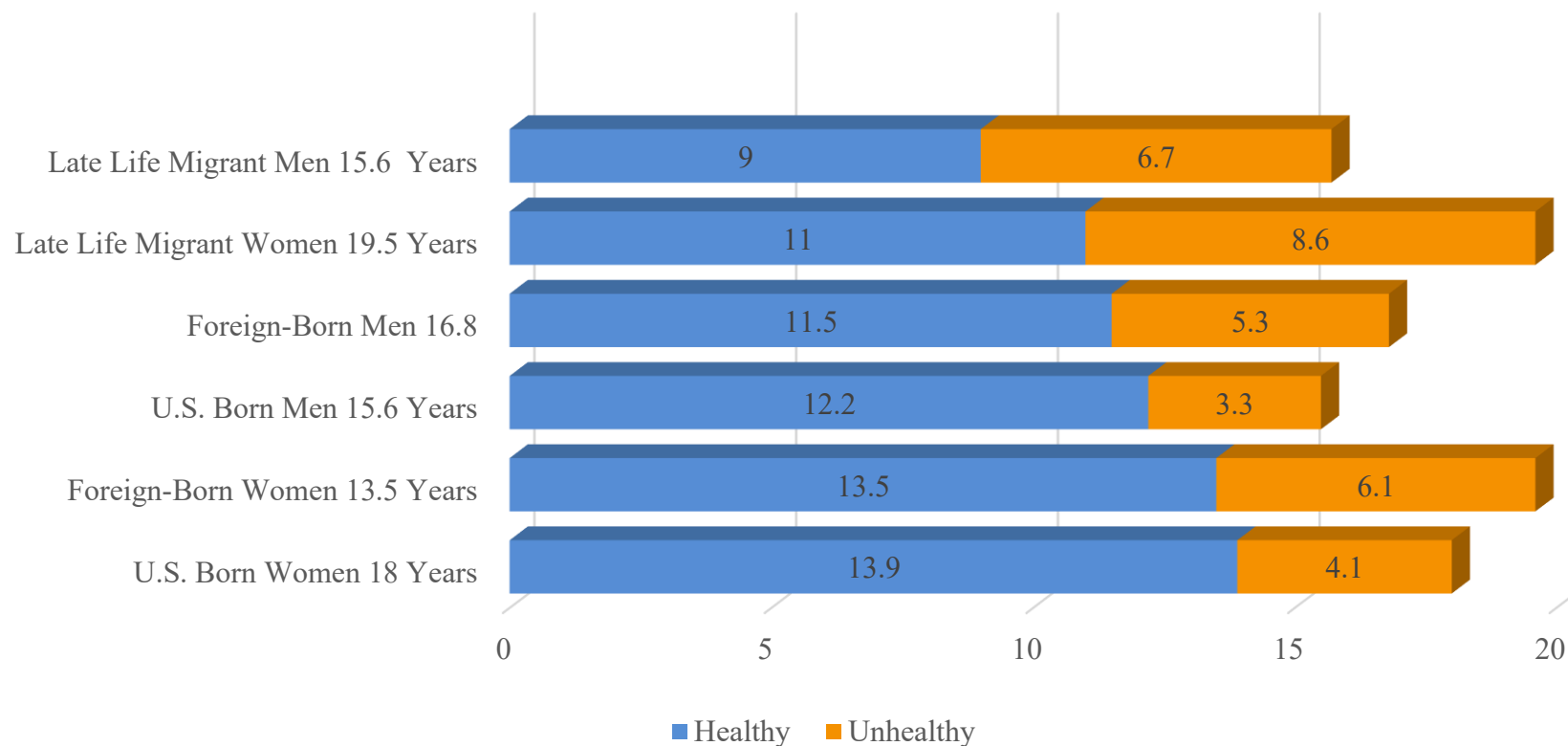
Highest proportion of older adult (65+) with cognitive impairment and dementia among U.S. Hispanics

U.S. Trends in Increasing Life Spans



Maria Alanis holds the hand of her mother, Isabel, in their backyard in Brownsville, Texas. Maria was a full-time dementia caregiver for her mother until she died last month. Credit: Miguel Roberts/MyRGV.com

Total Life Expectancy at 65 Without and With Dementia



Source: H-EPESE Wave 9

Cognitive Impairment Reflects Life Course Challenges



Low Education



Limited Insurance



Neighborhood
Disadvantage



Socioeconomic
Exclusion

Dementia in Texas: The Numbers

400,000 → 500,000+

Texans with Alzheimer's (by 2030)

\$20.6B / \$3.9B

Families (annual) / Texas Medicaid

1 Million

Unpaid caregivers

1.5 Billion hours

Unpaid care each year

\$23.9 Billion

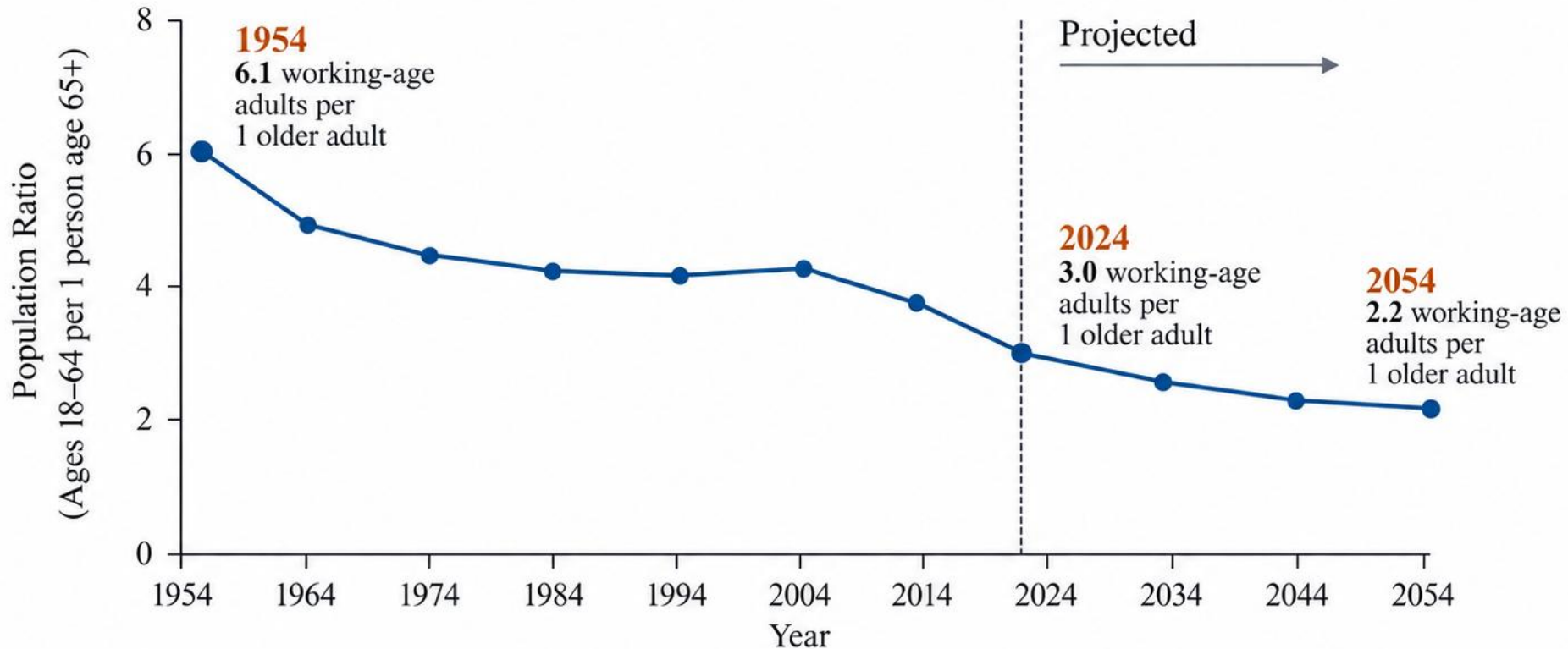
Value of unpaid care

#3 / #2

U.S. rank: cases / deaths

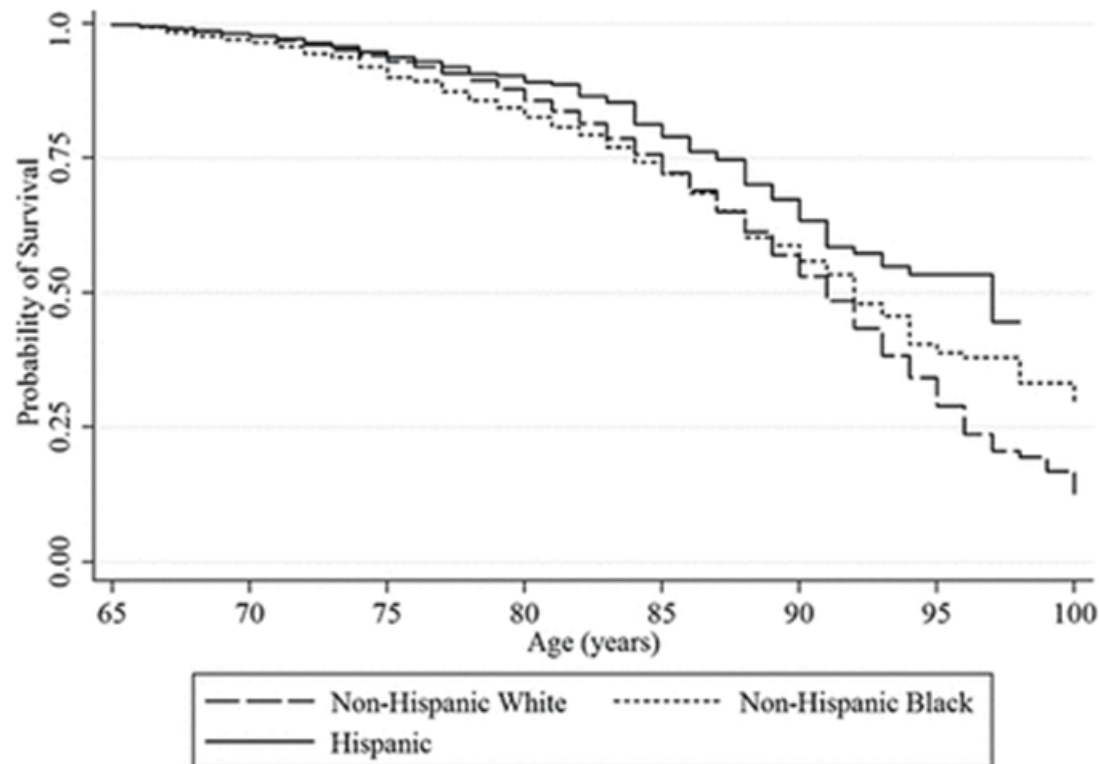
Why the Gap Is Growing?

Fewer Potential Caregivers per Older Adult



As the population ages, there will be fewer working-age adults available to provide care.

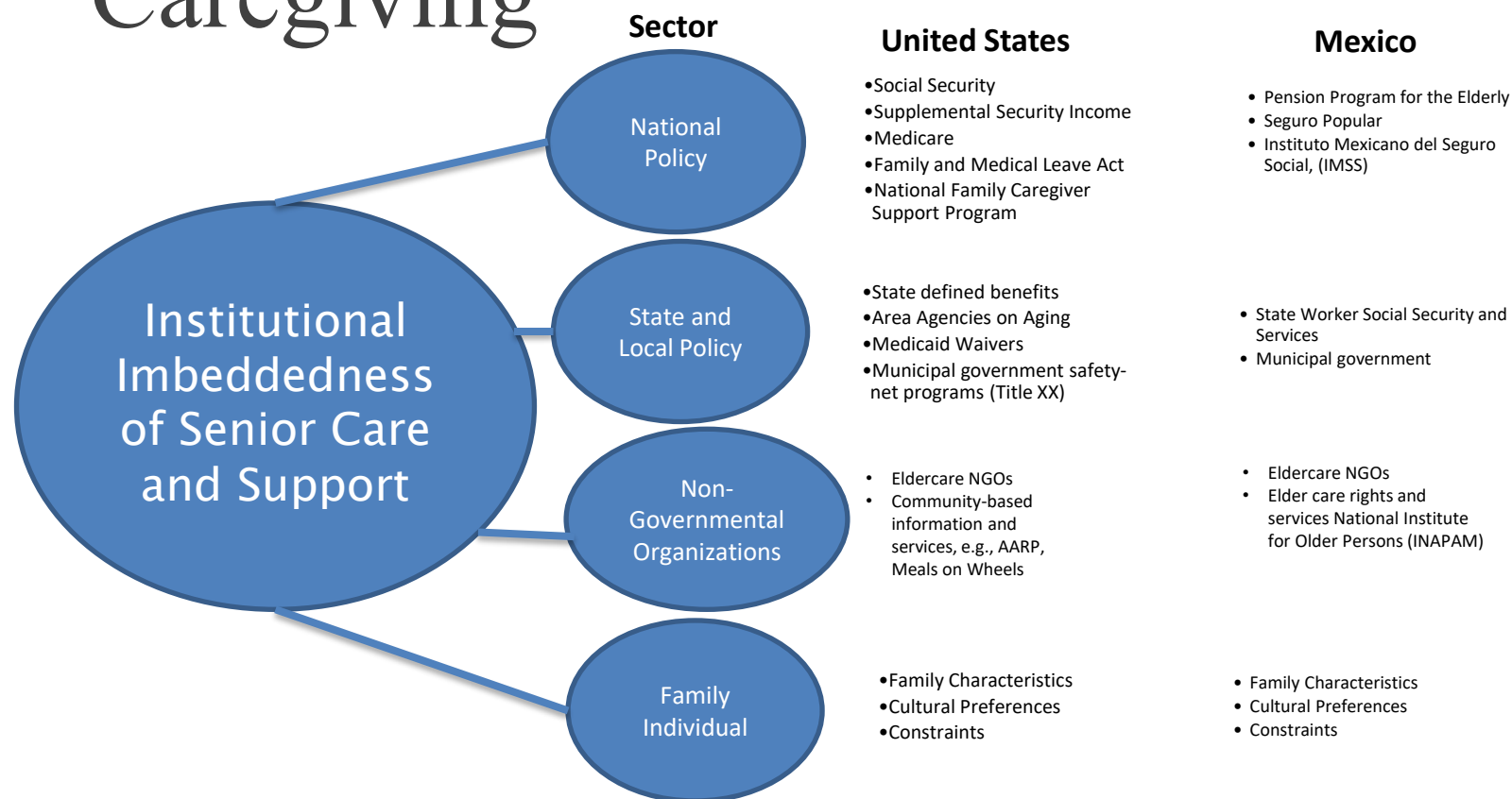
Probability of Remaining in the Community by Age



Source: Health and Retirement Study (1998-2010)

N = 20,253; Thomeer, Mudrazija, and Angel. "How and Why Does Nursing Home Use Differ by Race and Ethnicity?," *The Journals of Gerontology: Series B*, Volume 73, Issue 4, May 2018, Pages e11–e12, <https://doi.org/10.1093/geronb/gbv056>

Bi-National Context of Dementia Caregiving



Angel, Vega, Gutiérrez Robledo, López-Ortega, Andrade, Grasso, & Rote (2022). Optimizing dementia care for Mexicans and for Mexican-origin U.S. residents. *The Gerontologist*, 62(4), 483–492.

Data and Methods

- Hispanic Established Epidemiologic Studies of the Elderly (HEPESE)
- 3,050 individuals 65 and older 1993-94
- 902 new cohort added in 2004-05 75+ (wave 5)
- 925 Mexican American-Caregivers Dyads (wave 7)
- Vital status at the follow up in 2020-21 (wave 10)
 - 68% dead (n=2701)
 - 32% survived (1,254)



Latino Families in Later Life A New Caregiver Paradigm

by Jacqueline L. Angel and Sunshine Rote

Forthcoming April 2026

Visit www.routledge.com for book updates!

"The book consistently returns to a core insight: that caregiving is both universal and uneven, both sacred and strained (...) Ultimately, this is not just a book about Latino families, it is a book about the future of care in a multiracial, aging society"



— Rogelio Sáenz, from the Foreword

Foreword, by Rogelio Sáenz

Part I. Setting the Stage

Ch1. A New Paradigm of Caregiving

Ch2. Extending the Epidemiologic Paradigm

Ch3. Contextualizing Living Alone and

Loneliness in Late Life

Part II. Caregiving and the Ecology of Support

Ch4. Who Will Care For Us?

Ch5. The Story of Mexican Americans

Part III. Solutions and Next Directions

Ch6. Dementia Interventions and

the Ecology of Support

Ch7. Increasing Options in Community Care

Ch8. Reimagining an Ecology of Support

Aging and Society Series

Series Editors: Carroll L. Estes with Nicholas DiCarlo

 **Routledge**
Taylor & Francis Group

Defining Dementia in the HEPSE

- Mini Mental Status Examination (MMSE)

18 and under and at least one IADL disability, report of Alzheimer's disease, or proxy report of dementia

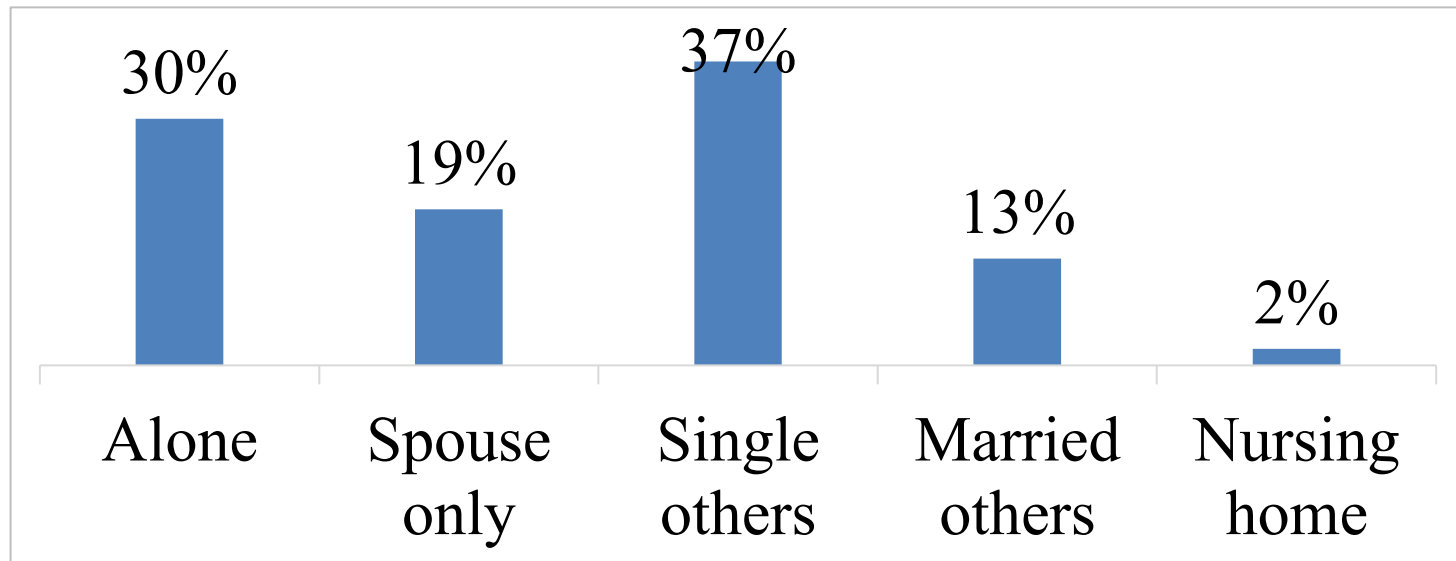
- Cognitive Impairment, No Dementia (CIND)

MMSE 18 and under; no IADL disability

- No Dementia

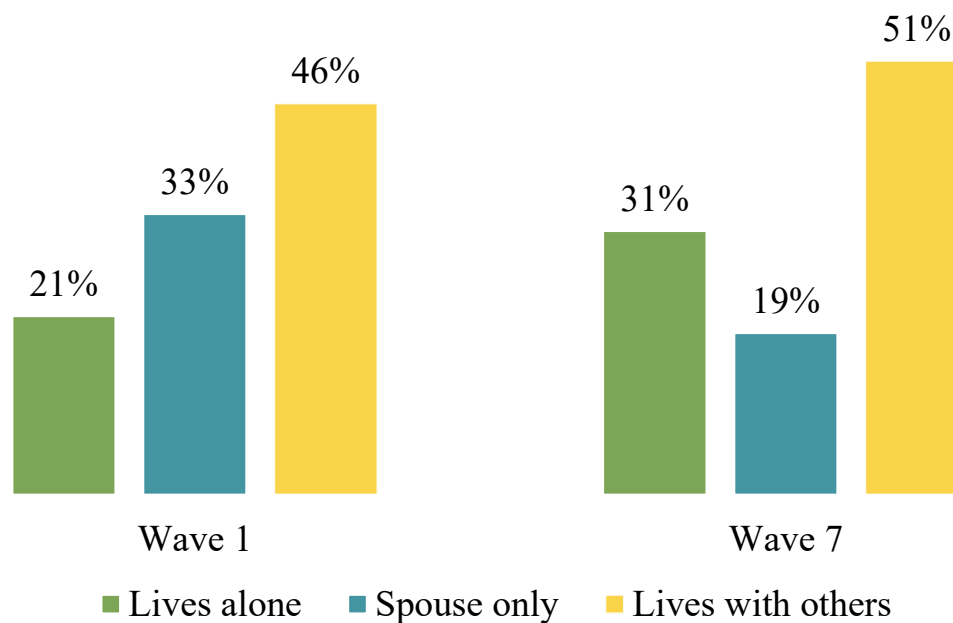
MMSE above 18

Living Arrangements Among Elderly Mexican-Americans 80 and Over: 2010



Growing Dependency

Living Arrangement Changes Between 1993-94 and 2010-11



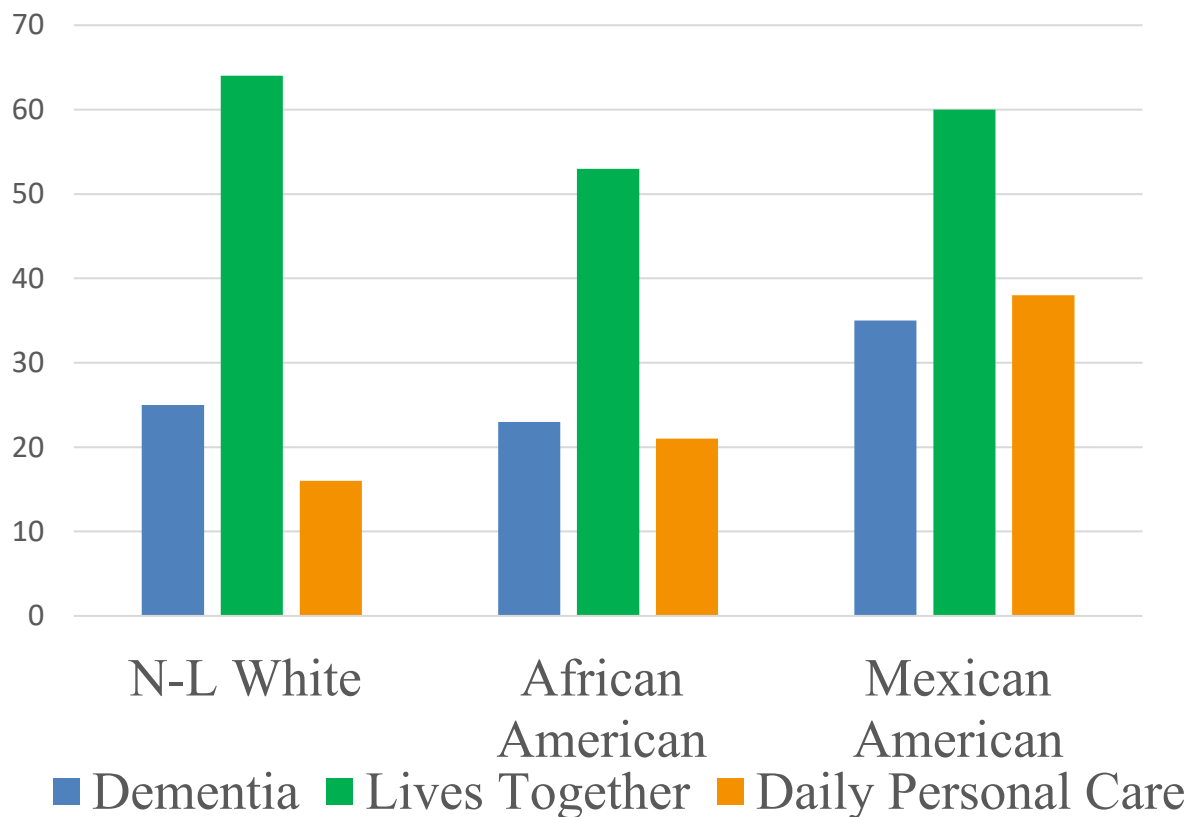
Source: HEPSE

Dementia Predicts Transitions to Living with Others

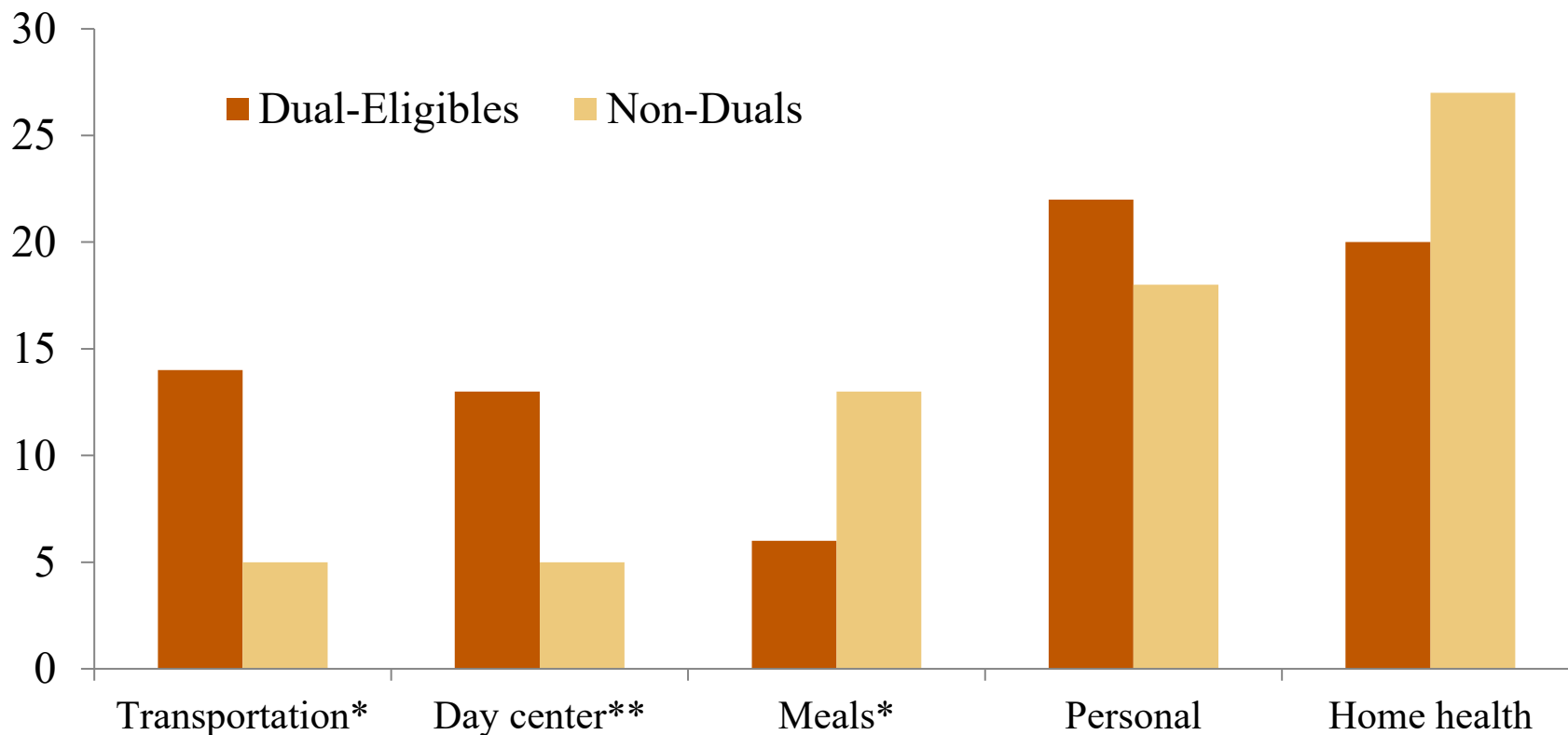
Multinomial Logistic Regression Predicting Transition, ref Living Alone	
	Transition to Others
	HEPESE
Female	0.98
Age	1.01
Living Alone	0.03***
Dementia	1.69**
Poverty	1.06
Number of Living Kids	0.97
No Education	0.95
1-6 Years	1.01
	Death
	HEPESE
Female	0.89
Age	1.12***
Living Alone	0.11***
Dementia	3.07***
Poverty	1.15
Number of Living Kids	0.99
No Education	1.22
1-6 Years	1.37

Source: HEPESSE

Caregiving Intensity and Complexity

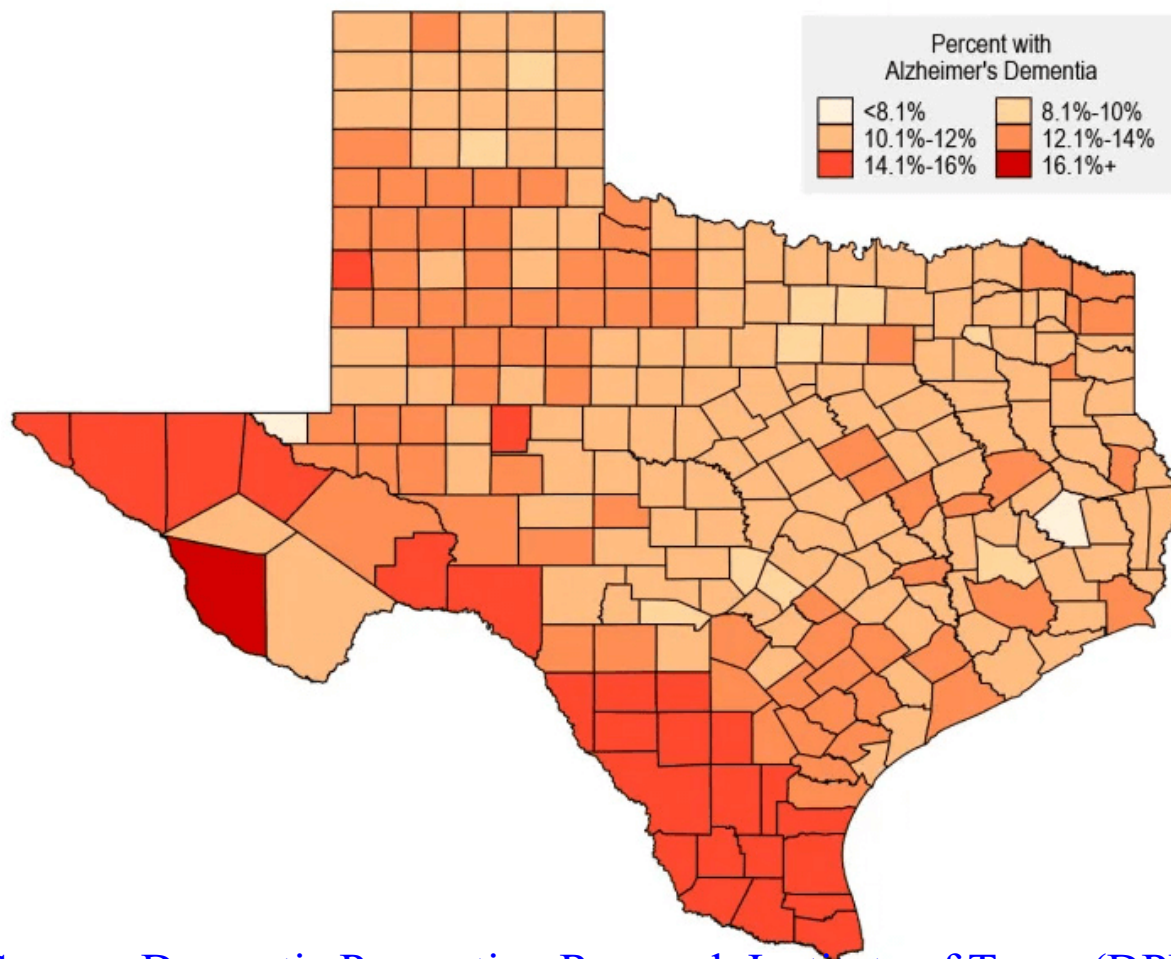


Use of Formal Services by Dual-Eligibility



Alzheimer's Dementia in Texas

(Age 65+)



What do you notice about the border?

Are aging services located where needs are greatest?

Source: Dementia Prevention Research Institute of Texas (DPRIT) - Texas Medical Center
<https://www.hhs.texas.gov/sites/default/files/documents/texas-statewide-interagency-aging-services-strategic-plan-sf2025-2030.pdf>

Intergenerational Day Centers

- Strengthen families and systems
- Case Example- Varcity- Texas A&M
- City of Austin- Res. #84- Strengthen intergenerational programs; Austin Parks and Recreation IDC pilot proposal



Source-

[Varcity Announces New Intergenerational Senior Living Project on Campus of Texas A&M University - Senior Housing News](#)
[AFA Presentation](#)

Acknowledgments

- National Institute on Aging: R03 AG063183-01
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- 1R03AG063183-01
- PRC/CAPS P30AG066614
- Collaborators: Sunshine Rote and ICAA Team <https://sites.utexas.edu/caa/>