



FROM DATA TO ACTION IN ALZHEIMER'S DISEASE RISK REDUCTION

Role of Social Determinants of Health

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Centers for Disease Control and Prevention
National Center for Chronic Disease Prevention and Health Promotion



NATIONAL CENTER FOR CHRONIC DISEASE PREVENTION AND HEALTH PROMOTION

Our mission is to help people and communities **prevent chronic diseases and promote health and wellness for all.**

We work to make our vision of **healthy people living in healthy communities** a reality.



Alzheimer's Disease and Related Dementias as a Public Health Issue

- Surveillance
- Risk reduction—primary prevention
- Early detection and diagnosis— secondary prevention
- Management of co-morbidities & quality care— tertiary prevention
- Caregiving (Dementia Caregiving) — tertiary prevention



There are
WAYS to
INTERVENE



Health Equity & Social Determinants of Health

Health equity (HE) is when everyone has a fair and just opportunity to be as healthy as possible.

When we refer to **social determinants of health – or SDOH –** we are speaking about the non-medical factors that influence health outcomes.



CDC SDOH Framework



NCCDPHP'S Targeted Social Determinants of Health

Food and Nutrition Security



Tobacco-Free Policy



Built Environment



Social Connectedness



Community-Clinical Linkages



Racial & Ethnic Approaches to Community Health (REACH)



- **Over 2.9 million people** have better access to healthy foods and beverages
- **Over 322,000 people** have benefited from smoke-free and tobacco-free interventions
- **Approximately 1.4 million people** have more opportunities to be physically active
- **Over 830,000 people** have access to local chronic disease programs that are linked to clinics



Improving SDOH – Getting Further Faster Initiative

Retrospective Evaluation of 42 Communities with Demonstrated SDOH Outcomes to Build Evidence

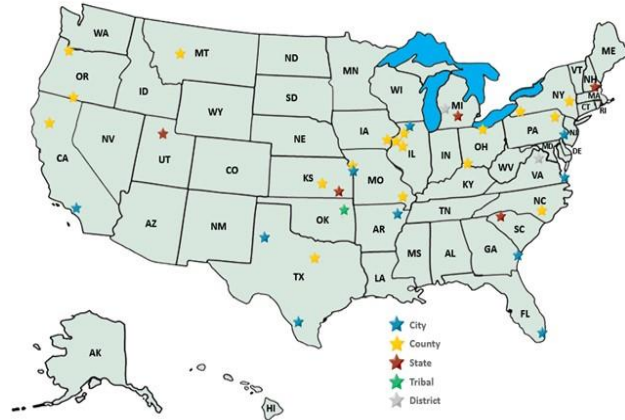
- **More than half of GFF partnerships** reported positive health outcomes data for their SDOH initiatives
- **90% of GFF partnerships** contributed to community changes that promote healthy living
- A modeling analysis of 29 partnerships' SDOH initiatives are projected to save \$566 million in medical and productivity costs after 20 years

Closing the Gap with SDOH Accelerator Plans

Accelerate future actions that prevent and reduce chronic diseases among people experiencing health disparities and inequities

36 Awards for Year 2:

- Cities – 10
- Counties – 18
- Districts – 2
- States – 5
- Tribes – 1



COMMUNITY HEALTH WORKERS FOR COVID RESPONSE AND RESILIENT COMMUNITIES (CCR)

- **\$348 million** for community health worker services to support COVID-19 prevention and control
- **\$32 million** for training, technical assistance, and evaluation



Modifiable Risk Factors for Alzheimer Disease and Related Dementias Among Adults Aged ≥45 Years — United States, 2019



Omura JD, et al. MMWR Morb Mortal Wkly Rep. 2022. <https://www.cdc.gov/mmwr/volumes/71/wr/mm7120a2.htm>

Modifiable Risk Factors

Public Health Implications

- Identify priorities for risk reduction
 - Strategies tailored to those at highest risk or disproportionately affected
- Improve early detection of subjective cognitive decline and associated risk factors
- Support evidence-based activities (e.g., managing hypertension, promoting physical activity) to reduce risk and promote health aging



Modifiable Risk Factors and NCCDPHP'S Targeted SDOH



NEW NOFO: BOLD Public Health Programs to Address Alzheimer's Disease and Related Dementias

- Fulfills the BOLD Infrastructure for Alzheimer's Act (P.L. 115-406)
- Funds "health departments of states, political subdivisions of states, and Indian [American Indian/Alaska Native] tribes and tribal organizations"
- Purpose:
 - Build the public health dementia infrastructure
 - Increase capacity in ADRD and dementia caregiving
- 5-year awards

Letters of Intent Due: February 18, 2023

Applications Due: March 23, 2023



For more information about the program and link to the NOFO at Grants.gov
<https://www.gds.gov/aging/funding/ohp/2022.html>

National Public Health Summit on Dementia Risk Reduction



Dementia Risk Reduction Summit
May 16-17, 2023
Atlanta, GA

Summit Co-Chairs:

Wayne H. Giles, M.D., M.S.
Dean, School of Public Health
University of Illinois - Chicago



Jewel Mullen, M.D., MPH
Associate Dean of Health Equity
Dell Medical School
University of Texas - Austin



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THANK YOU



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