







A PUBLIC HEALTH APPROACH TO BRAIN HEALTH:

The HBI Road Map Series





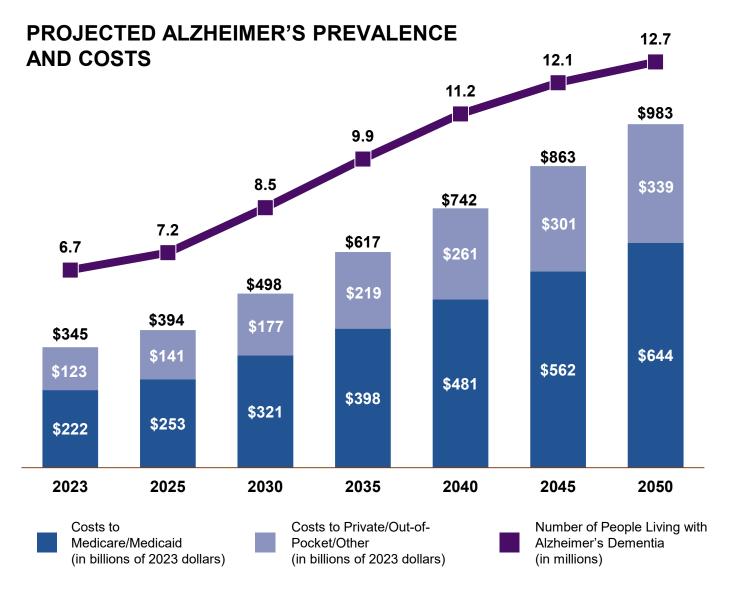






EVERYONE DESERVES A LIFE WITH THE HEALTHIEST BRAIN POSSIBLE

PUBLIC HEALTH MUST ACT NOW



THE NUMBER OF PEOPLE LIVING
WITH COGNITIVE DECLINE
INCREASES WITH AGE.

IN 2023, AN ESTIMATED 6.7 MILLION

AMERICANS ARE LIVING WITH

ALZHEIMER'S. BY 2060, IT IS EXPECTED

TO DOUBLE.

ALZHEIMER'S KILLS MORE
PEOPLE THAN BREAST CANCER
AND PROSTATE CANCER
COMBINED.

HBI & NATIONAL POLICY

20 YEARS OF PROGRESS



BRFSS adds Cognitive Decline & Caregiver Modules

National Alzheimer's Project Act (NAPA) signed into law (Public Law 111-375)

The Public Health Road Map for State and National Partnerships, 2013-2018 published



Road Map for Indian Country published



NAPA adds goal on risk reduction



State and Local Road Map for Public Health, 2023-2027 published

Second cohort of **BOLD** awards distributed

2007

A National Public Health Road Map to Maintaining Cognitive Health published



2009

2011

2013

2019

2021

2023

Healthy People 2020 includes "Dementia" objectives

2010

2012

National Plan to Address Alzheimer's Disease published



Building Our Largest Dementia (BOLD) Infrastructure for Alzheimer's Act signed into law (Public Law 115-406)

State and Local Public Health Partnerships to Address Dimentia. the 2018-2023 Road Map published

2018



2020

Healthy People 2030 continues and expands "Dementia" objectives

BOLD awards distributed **Programs** Center of Excellence



Second Road Map for Indian Country release

BOLD Infrastructure for Alzheimer's Act reauthorization

CDC Road Maps Data **Federal Interventions**

THE HBI ROAD MAP IS A PUBLIC HEALTH STRATEGY >





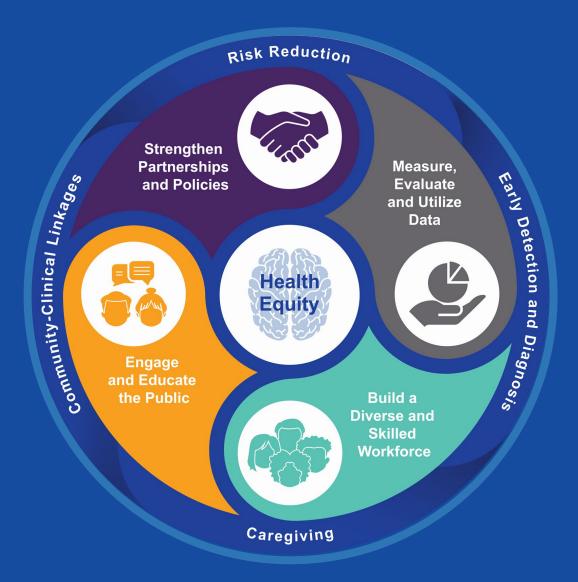
State and Local Road Map for Public Health, 2023–2027



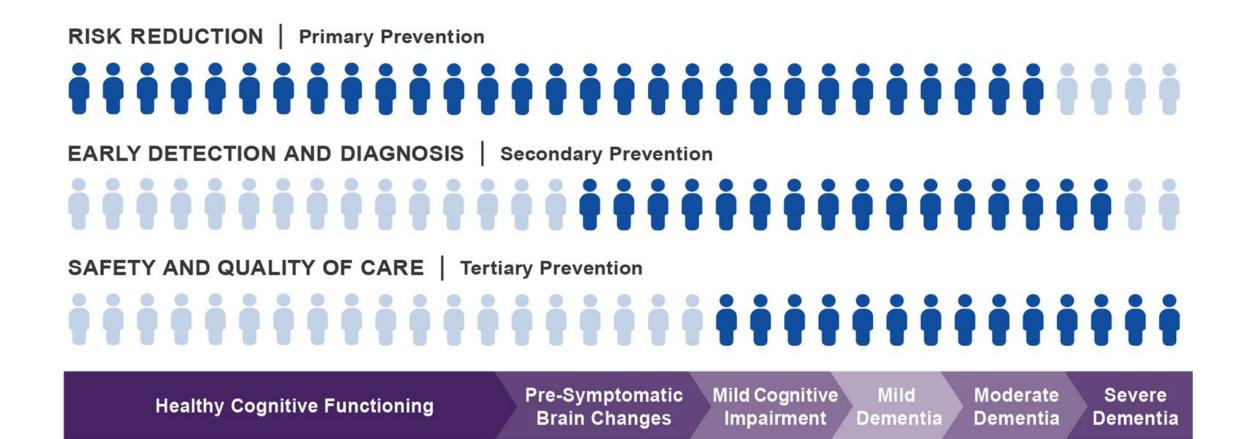


ACTION FRAMEWORK

The framework of the HBI Road Map consists of four domains built from the Essential Public Health Services. The framework is centered by the principles of health equity and surrounded by the areas of practice across the life course.



OPPORTUNITIES FOR PUBLIC HEALTH INTERVENTION ACROSS THE DEMENTIA LIFE COURSE ▶



OPPORTUNITIES FOR PUBLIC HEALTH INTERVENTION ACROSS THE DEMENTIA LIFE COURSE

Healthy Cognitive Functioning

Pre-Symptomatic Brain Changes

Mild Cognitive Impairment

Mild Dementia Moderate Dementia Severe Dementia

OPPORTUNITIES FOR PUBLIC HEALTH INTERVENTION ACROSS THE DEMENTIA LIFE COURSE ▶



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Healthy Cognitive Functioning

Pre-Symptomatic Brain Changes

Mild Cognitive Impairment

Mild Dementia

Severe Dementia

OPPORTUNITIES FOR PUBLIC HEALTH INTERVENTION ACROSS THE **DEMENTIA LIFE COURSE**

SAFETY AND QUALITY OF CARE | Tertiary Prevention



Healthy Cognitive Functioning

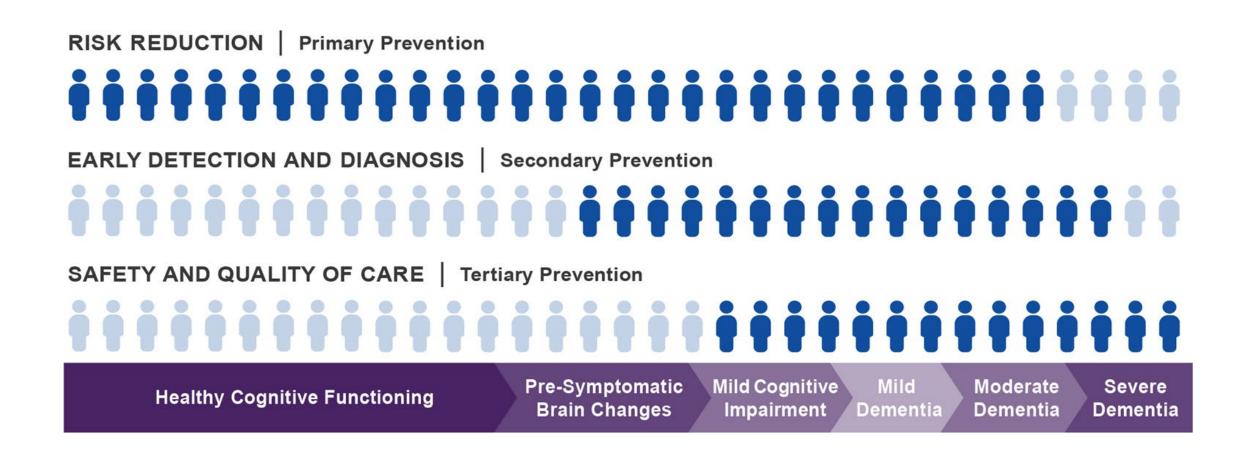
Pre-Symptomatic Brain Changes

Mild Cognitive **Impairment**

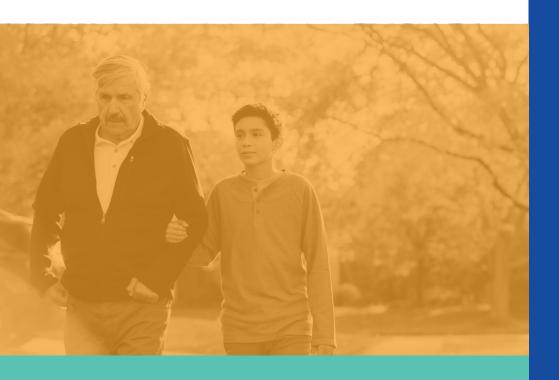
Mild Dementia Moderate Dementia

Severe **Dementia**

OPPORTUNITIES FOR PUBLIC HEALTH INTERVENTION ACROSS THE DEMENTIA LIFE COURSE ▶



THE HBI ROAP MAP IS FOCUSED ON REDUCING THE RISK AND IMPACT OF DEMENTIA FOR THE GREATEST NUMBER OF PEOPLE POSSIBLE





COMMUNITY PARTNERSHIPS ARE ESSENTIAL AND FOUNDATIONAL



HEALTH EQUITY IS FULLY INTEGRATED INTO ALL ACTIONS



EVALUATION TOOL ENSURES MEASURABLE ACTION









State and Local Road Map for Public Health, 2023–2027



THE HEALTHY BRAIN INITIATIVE 14



ARKANSAS

2023 ALZHEIMER'S STATISTICS

NUMBER OF PEOPLE AGED 65 AND OLDER WITH ALZHEIMER'S

58.000

2025

67,000

TOTAL

ESTIMATED % INCREASE

15.5%

PREVALENCE

#OF GERIATRICIANS

143.6% NEEDED TO MEET DEMAND

HEALTH AND PERSONAL CARE AIDES IN 2020

29.5% NEEDED TO MEET DEMAND

WORKFORCE



UNPAID CAREGIVERS (2022)

154,000 # OF CAREGIVERS

268,000,000 TOTAL HOURS

\$4,423,000,000 TOTAL VALUE OF UNBAID CARE

CAREGIVER HEALTH (2021)

38.0% OF CAREGIVERS

25.0% OF CAREGIVERS IN POOR PHYSICAL HEALTH

CAREGIVING

HOSPICE (2017)

3,133 #OF PEOPLE IN HOSPICE WITH A PRIMARY DIAGNOSIS OF DEMENTIA

18% HOSPICE RESIDENTS
WITHA PRIMARY
DIAGNOSIS OF DEMENTIA

HOSPITALS (2018)

1,530 FOR EMERGENCY DEPARTMENT VISITS PER 1,000 PEOPLE WITH DEMENTIA

21.5% DEMENTIA PATIENT HOSPITAL READMISSION RATE

MEDICAID

\$396M MEDICAID COSTS OF CARINGFOR PEOPLE WITH ALZHEIMER'S (2020)

14.6% PROJECTED CHANGE IN COSTS FROM 2020

MEDICARE

\$24,951 PER CAPITA MEDICARE SPENDING ON PEOPLE WITH DEMENTIA (IN 2022 DOLLARS)

HEALTH CARE

OF DEATHS FROM ALZHEIMER'S DISEASE (2019)

INCREASE IN ALZHEIMER'S

MORTALITY

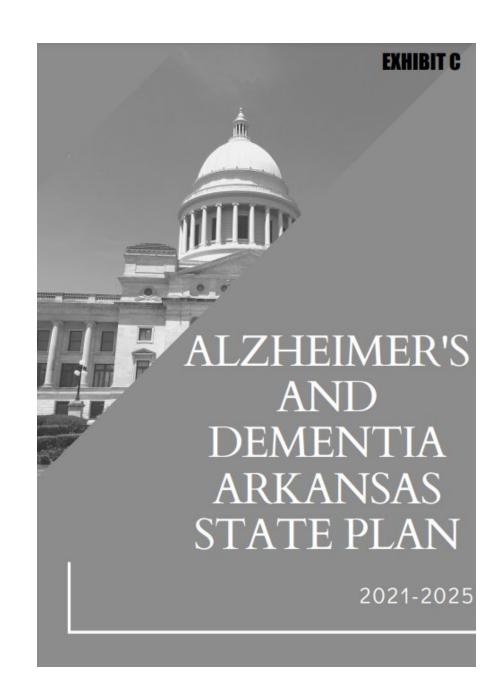
More than 6 million Americans are living with Alzheimer's, and over 11.5 million provide their unpaid care. The cost of caring for those with Alzheimer's and other dementias is estimated to total \$345 billion in 2023, increasing to nearly \$1 trillion (in today's dollars) by mid-century.

For more information, view the 2023 Alzheimer's Disease Facts and Figures report at alz.org/facts. © 2023 Altheimer's Association* All Rights Reserved, Altheimer's Association is a not-for-profit 501(c)(3) organization

ALZHEIMER'S DISEASE AND DEMENTIA IN **ARKANSAS**

State Plan Strategies to Advance the HBI

- Public Health Awareness
- Ensure BRFSS is inclusive of Cog. and Caregiver Modules.
- Dementia TrainingStandards
- Early Detection and Diagnosis Campaigns



STRENGTHEN PARTNERSHIPS AND POLICIES

Increase community partnerships

Increase integration with other chronic disease efforts

Increase policy action and implementation









MEASURE, EVALUATE, AND UTILIZE DATA

Increase data availability, quality and utilization

Increase datainformed decision making and action









BUILD A DIVERSE AND SKILLED WORKFORCE

Reduce stigma and bias about cognitive decline Increase knowledge and skills of current and future workforce









ENGAGE AND EDUCATE THE PUBLIC

Increase public knowledge about brain health, risk factors for dementia and benefits of early detection and diagnosis

Increase public knowledge and use of services for people living with dementia and their caregivers



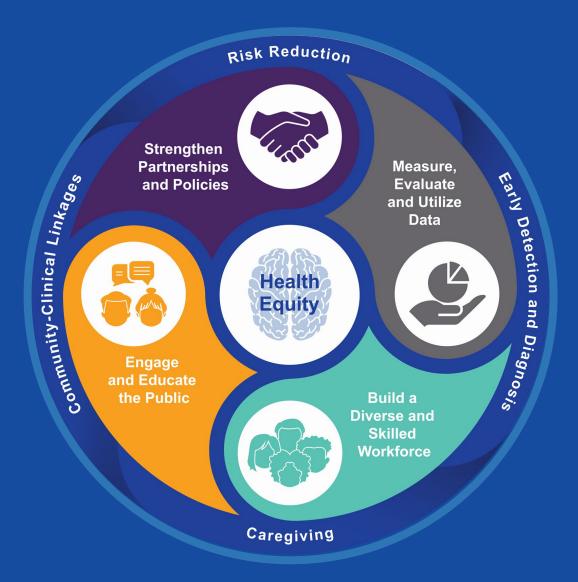






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Thank you!

Healthy Brain Initiative

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