ALZHEIMER'S DISEASE BY THE NUMBERS

Alzheimer's is a chronic, progressive brain disease that slowly gets worse over time and affects memory, behavior, problem-solving and daily activities. It is a medical condition and is not a part of normal aging.1

ALZHEIMER'S IS THE MOST PREVALENT FORM OF DEMENTIA¹

United States ()



60% to 80% of dementia cases are thought to be Alzheimer's²



More than 6M people are living with Alzheimer's³



13M people are expected to be living with Alzheimer's by 2050³

DIAGNOSIS IS OFTEN DELAYED

Reasons for missed diagnosis or delays include:3-5



Stigma of dementia and fear of diagnosis, lack of awareness



Difficulty in distinguishing Alzheimer's from typical age-related changes



Lack of access to specialist practitioners and equipment



On average it can take two years or more to get a diagnosis of Alzheimer's⁶



About one-third of people with mild cognitive impairment due to Alzheimer's disease develop dementia within 5 year years of diagnosis³

THE ECONOMIC IMPACT IS A GROWING GLOBAL HEALTHCARE CHALLENGE

Alzheimer's disease represents one of the biggest global healthcare crises.



Direct / tangible costs

Goods and services for which money is exchanged



Medical costs:

- Doctor's visits
- Hospital care
- Medicine
- Specialized aids and equipment



Social care and non-medical costs:

- Community and social services such as transportation and non-medicine interventions
- Private and publicly funded home care
- Nursing home accommodation
- Income and welfare support

Indirect / intangible costs

Resources lost or invested for which no money is exchanged



Care and non-medical costs:

- Unpaid (informal) care provided by family and friends
- Productivity losses of those providing informal care
- Productivity losses in people with Alzheimer's due to being unable to work, on sick leave or early retirement

Alzheimer's costs forecasted to increase to levels that are not sustainable for unprepared healthcare systems⁴

Total payments in 2022 for health care, long-term care and hospice services for people age ≥65 years with dementia are estimated to be \$321 billion.⁷

\$1 trillion³ (in 2022 dollars)

\$321 billion³



2022



2050

DIVERSITY, EQUITY, AND INCLUSION IN ALZHEIMER'S DISEASE

Less than

Less than 5% of Alzheimer's trial participants are Black/African American, Latino/Hispantic, Asian American/Pacific Islander, American Indian/Alaskan Native.8

1/3 & 1/5

of Black **Americans**

of Hispanic and Asian Americans

More than 1/3 of Black Americans, and nearly 1/5 of Hispanic and Asian Americans believe discrimination would be a barrier to receiving Alzheimer's care.8

STIGMA ASSOCIATED WITH **ALZHEIMER'S DISEASE**



46% of people living with dementia and care partners identified fear of diagnosis and stigma as barriers of diagnosis.9



35% of care partners globally have hidden the diagnosis of a person with dementia.9



19% of adults said they would feel ashamed or embarrassed if they had dementia and 69% of providers said their patients would feel ashamed or embarrassed.¹⁰



At Genentech, we are exploring multiple molecules that may address key pathways of Alzheimer's—including amyloid-beta and tau— as we pursue our goal of delivering new hope for all people at risk for living with the disease, their care partners and families.

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