The Societal Burden of Alzheimer’s Disease

Every 72 seconds someone in America develops Alzheimer’s.

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Demographic Impact

- 5.1 million Americans have Alzheimer’s disease. The majority (4.9 million) are over the age of 65.

- Between 200,000 – 500,000 people under the age of 65 have “early-onset” Alzheimer’s.

- 1 in 8 persons 65+ and 50% over age 85 have AD.

- By 2050, the number of people with AD could range from 11 – 16 million.

- AD is the fifth leading cause of death for those 65+.

<table>
<thead>
<tr>
<th>AGE</th>
<th>PERCENT</th>
<th># OF PEOPLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 – 74</td>
<td>2%</td>
<td>300,000</td>
</tr>
<tr>
<td>75 – 84</td>
<td>19%</td>
<td>2,400,000</td>
</tr>
<tr>
<td>85+</td>
<td>42%</td>
<td>2,200,000</td>
</tr>
</tbody>
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Source: Alzheimer’s Disease Facts & Figures 2007
Impact on Baby Boomers

- In America today, there are 78.2 million baby boomers.

- In 2006, baby boomers began turning 60 at a rate of about 330 every hour.

- In 2011, baby boomers begin turning 65, reaching the age of greatest risk for AD.

Source: Alzheimer’s Disease Facts & Figures 2007 and the U.S. Census Bureau.
Mortality

- 7th leading cause of death for all ages. 5th leading cause of death for people 65+.

- 32.8% ↑ in # of AD deaths compared to ↓ deaths from:
  -- Heart disease - ↓ 8.0%
  -- Breast Cancer - ↓ 2.6%
  -- Prostate Cancer - ↓ 6.3%
  -- Stroke - ↓ 10.4%

Source: Alzheimer’s Disease Facts & Figures 2007
State by State Data

- By 2010, California and Florida are expected to have the highest number of people with Alzheimer’s disease.
- By 2010, the following states will also experience high growth in number of people w/AD:
  - Alaska – 47%
  - Colorado – 47%
  - Idaho – 37%
  - Nevada – 38%
  - Utah – 45%
  - Wyoming – 43%

Source: Alzheimer’s Disease Facts & Figures 2007
Caregiver Impact

- 70 percent of people with Alzheimer’s and other dementias live at home and are cared for by family and friends.

- Approximately 10 million Americans are caring for a person with Alzheimer’s disease.

- 1 in 4 caregivers provide 40+ hours care/ week.

- 32% of caregivers put in 5+ years.

- Value of AD caregiving: 10 million people + 8.5 billion hours of care = $83 billion.

- Direct + indirect costs of AD = $148 billion annually

Source: Alzheimer’s Disease Facts & Figures 2007
Impact on Medicare & Medicaid

- 95% of Medicare beneficiaries 65+ w/ AD have at least one other chronic illness (Diabetes, Cancer, COPD).

- Medicare costs for those w/ AD are 3x higher than others ($13,207 vs. $4,454).

- Beneficiaries w/ AD had 3x more hospital stays.

- These stays were 3x more costly ($7,704 vs. $2,204)

- 51% of nursing home residents w/ AD rely on Medicaid to help pay for care.

<table>
<thead>
<tr>
<th>Year</th>
<th>Medicare Costs</th>
<th>Medicaid Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>$91 billion</td>
<td>$21 billion</td>
</tr>
<tr>
<td>2010</td>
<td>$160 billion</td>
<td>$24 billion</td>
</tr>
<tr>
<td>2015</td>
<td>$189 billion</td>
<td>$27 billion</td>
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Impact on Business

Total Business Costs for Alzheimer's Disease
(in billions of dollars)


“Alzheimer’s Breakthrough Act of 2007”  
(S 898/ HR 1560)

**SENATE**  =  B. Mikulski (D-MD) & K. Bond (R-MO)  
**HOUSE**  =  E. Markey (D-MA) & C. Smith (R-NJ)

- Double funding for Alzheimer research – to $1.3 billion
- Study on early-onset Alzheimer’s Disease
- Increase funding for CDC Brain Health Initiative – to $15 million
- Increase funding for Alzheimer’s State Matching Grants – to $25 million
- Continues 24/7 Alzheimer Call Center – $1 million
- Passed by Senate HELP Committee Aug. 3, 2007