

## The Projected Incidence of Dementia in Residents of Ward Six, DC, in 2020

Using the numbers outlined in Figure 1 below, **Ward Six would have 9,899 residents 65 and over in 2020 and of those 890 would have dementia.** This creates a strong demand for adult day care, especially memory care that specializes in caring for those with dementia, and for skilled nursing for those that are most disabled.

<b>FIGURE 1</b>			
<b>Projected Residents in Ward Six with Dementia</b>			
	Ward 6 Seniors in 2010	Projected Seniors in Ward 6 in 2020	Projected Number of with Dementia 2020
<b>Total 65 and over</b>	<b>7,429</b>	<b>9,899</b>	<b>890</b>
65 to 74	4,323	6,646	219
75 to 84	2,151	2,699	489
85 and over	955	553	182
Less than 65			37
55 to 64	7,970		
65 + in poverty	1,114	1,188	107
<b>Notes:</b> The Ward 6 senior population was projected from 2010 to 2020, using only death rates by age group for Washington, DC, excluding numbers moving into Ward 6 or moving out of Ward 6. The projected number with dementia by ten year age group is calculated using incidence rates for the U.S. in <i>Alzheimer's Disease--2016--Facts and Figures by the Alzheimer's Association.</i>			

Estimating the incidence of Alzheimer's and other dementias in a population over 65 is a fuzzy process, for several reasons.

- Although the change from the number of those over 65 in different age groupings can be done by assuming death rates in the next younger age group, this does not take into account people 65 and over who are moving into Ward Six and those that are moving out, to a retirement home or to live near their grown children. This analysis assumes these cancel each other out.

- The 2016 Facts and Figures report from the Alzheimer's Association says that lower income is associated with greater incidence of dementia, but gives no estimate of the effect.
- The analysis uses the average incidence of Alzheimer's for these age groups for the whole United States and does not alter the incidence for population groups that on average get more exercise or have healthier diets and healthier weights than the U.S. average. This is probably true of people living in Washington, DC Ward Six, but there is no defensible way of quantifying it.
- The numbers also include an estimate of 37 people younger than 65 who have dementia. This is based on the estimate in the Alzheimer's Association 2016 Facts and Figures of 4% of the total population with dementia.