

Caregiving  
Across the  
United  
States

**Caregivers of  
Persons with  
Alzheimer's  
Disease or  
Dementia in 8  
States and the  
District of  
Columbia**

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Data from the 2009 & 2010 Behavioral Risk Factor Surveillance System

## **Authors and Acknowledgements**

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Bouldin and Andresen are also authors of the original 2009 and 2010 reports detailing the BRFSS Caregiver data. These reports can be found on the Alzheimer's Association's Public Health Web Site: <http://www.alz.org/publichealth/data-collection.asp>.

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## Introduction

Caregivers for individuals with Alzheimer’s and other dementias face unique burdens in their caregiving experience and represent a major portion of the 65 million Americans who provide informal, unpaid care to individuals with disabilities and chronic conditions in the United States.<sup>1</sup> In order to fully understand the impact of caregiving on the population level, the Centers for Disease Control and Prevention (CDC) developed a set of ten questions for the state-based Behavioral Risk Factor Surveillance System (BRFSS). The Caregiver Module collects information on adult caregivers who provide care for an individual with a disability or chronic condition; the type and amount of care they provide; and the difficulties they face in providing care.

Three states (Illinois, Louisiana, and Ohio) and the District of Columbia used the Caregiver Module in 2009, and five states (Connecticut, New Hampshire, New Jersey, New York, and Tennessee) used it in 2010. Two previously published reports<sup>2</sup> provided the data from the BRFSS Caregiver Module from each of those years. The information presented in this report represents an aggregated analysis of the data from both years and compares caregivers of those with Alzheimer’s and other dementias with caregivers for those with all other conditions. Because 98 percent of care recipients with Alzheimer’s and other dementias were aged 65 and older, while just 58 percent of care recipients with all other conditions were, this report provides a comparison with both all other caregivers and all other caregivers where the care recipient is aged 60 and older. The latter may be a more legitimate comparison with Alzheimer’s and dementia caregivers.

Among the highlights of the report:

- **Alzheimer’s caregiving requires more time and lasts longer than non-Alzheimer’s caregiving.** More than one in five Alzheimer’s and dementia caregivers has been providing care for longer than five years, and 70 percent have been providing care for more than one year.
- **Alzheimer’s caregiving affects the health of the caregiver more than caregiving for other conditions.** Those who care for someone with Alzheimer’s or another dementia are 3.5 times more likely than caregivers of people with other conditions to say that the greatest difficulty associated with caregiving is that it creates or aggravates their own health problems. And, 31 percent of Alzheimer’s and dementia caregivers say the greatest difficulty is that it creates stress, compared to 23.7 percent of non-Alzheimer’s caregivers.

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<sup>1</sup> National Alliance for Caregiving and AARP. *Caregiving in the U.S.* Washington, DC: National Alliance for Caregiving and AARP; 2009. Available at: [http://www.caregiving.org/data/Caregiving\\_in\\_the\\_US\\_2009\\_full\\_report.pdf](http://www.caregiving.org/data/Caregiving_in_the_US_2009_full_report.pdf).

<sup>2</sup> Bouldin, EL, Andresen EM. *Caregiving Across the United States: Caregivers of Persons with Alzheimer’s Disease or Dementia in Illinois, Louisiana, Ohio, and the District of Columbia*, 2009, and Bouldin, EL, Andresen EM. *Caregiving Across the United States: Caregivers of Persons with Alzheimer’s Disease or Dementia in Connecticut, New Hampshire, New Jersey, New York, and Tennessee*, 2010. Available at: <http://www.alz.org/publichealth/data-collection.asp>.

- **Alzheimer’s disease and other dementias are responsible for a large portion of all unpaid care.** For 10.7 percent of people aged 60 and older, the major condition for which they are receiving care is Alzheimer’s or dementia. This is a larger percentage than for any other condition except heart disease.
- **Many Alzheimer’s caregivers are also caring for minor children.** Over one-third of Alzheimer’s caregivers are part of the “sandwich generation” of individuals caring for both a minor child and aging adult simultaneously.

The Caregiver Module provides the first population-based snapshot of caregiving experiences, demographics, and health behaviors of caregivers. Data collection is a critical first step in responding to caregiving as a public health issue and allows for appropriate intervention. Specifically, these data suggest that Alzheimer’s caregivers may need targeted interventions and additional support to prevent health problems and reduce stress associated with caregiving.

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**Table 1**

Caregiving experience characteristics by Alzheimer's disease or dementia presence among care recipients (weighted). Data from the Connecticut, Illinois, Louisiana, Ohio, New Hampshire, New Jersey, New York, Tennessee, and Washington, D.C. Behavioral Risk Factor Surveillance System (BRFSS), 2009 & 2010.

Variable	Category	Caregivers of persons with Alzheimer's disease or dementia (care recipients of all ages; n=724)	Caregivers of Persons without Alzheimer's disease or dementia	
		Percent (95% CI)+	Care recipients of all ages (n=7,478) Percent (95% CI)+	Care recipients age ≥60 only (n=5,235) Percent (95% CI)+
Care recipient gender	Female	65.7 (57.5-73.9)	63.0 (60.6-65.5)	65.2 (62.4-68.0)
Care recipient age* <sup>§</sup>	0-64	2.3 (0.6-4.0)	41.8 (39.2-44.3)	12.7 age 60-64 (10.7-14.8)
	65-74	8.4 (5.2-11.6)	18.6 (16.6-20.7)	27.9 (25.1-30.8)
	75-84	37.8 (30.5-45.1)	20.9 (19.1-22.7)	31.4 (28.9-33.9)
	85 or older	51.5 (45.2-67.3)	18.6 (16.8-20.4)	27.9 (25.4-30.5)
Care recipient's relationship to caregiver	Parent or Parent-in-Law*	60.7 (53.1-68.4)	43.5 (41.0-46.0)	56.4 (53.5-59.2)
	Spouse	10.4 (6.6-14.2)	11.0 (9.5-12.5)	9.8 (8.4-11.2)
	Other relative*	21.6 (13.9-29.3)	29.6 (27.5-31.8)	21.2 (18.9-23.6)
	Non-relative*	7.3 (4.7-9.9)	15.8 (14.0-17.7)	12.6 (10.8-14.4)
Care recipient's major health problem as identified by the caregiver	Alzheimer's/dementia	100.0	--	--
	Cancer	--	13.9 (12.0-15.6)	11.6 (9.8-13.4)
	Heart disease	--	9.3 (8.0-10.5)	12.4 (10.6-14.1)
	Diabetes	--	8.1 (6.8-9.4)	9.1 (7.4-10.7)
	Arthritis	--	6.3 (5.0-7.6)	7.7 (6.1-9.4)
	Stroke	--	5.1 (4.3-5.9)	6.6 (5.5-7.8)

Variable	Category	Caregivers of persons with Alzheimer's disease or dementia (care recipients of all ages; n=724)	Caregivers of Persons without Alzheimer's disease or dementia	
			Care recipients of all ages (n=7,478)	Care recipients age ≥60 only (n=5,235)
		Percent (95% CI)+	Percent (95% CI)+	Percent (95% CI)+
Length of care* <sup>§</sup>	Mean months* (Standard Error)	48.0 (3.6)	53.4 (2.3)	50.7 (2.6)
	Median months* <sup>§</sup> (Standard Error)	23.8 (2.2)	20.5 (2.5)	20.9 (2.3)
	0-3 months	13.3 (6.9-19.8)	30.6 (28.2-33.1)	27.6 (24.8-30.4)
	4-12 months	16.7 (12.3-21.1)	18.4 (16.5-20.2)	19.0 (16.9-21.1)
	13-24 months	20.7 (14.8-26.6)	11.8 (10.3-13.4)	12.3 (10.4-14.1)
	25-60 months	26.3 (20.1-32.4)	17.5 (15.6-19.4)	21.0 (18.6-23.3)
	More than 5 years	23.0 (15.5-30.5)	21.7 (19.5-23.8)	20.2 (17.7-22.6)
Hours of care provided per week	Mean* <sup>§</sup> (Standard Error)	22.9 (3.5)	17.4 (0.6)	15.8 (0.7)
	Median <sup>§</sup> (Standard Error)	7.3 (0.9)	6.7 (0.4)	6.2 (0.5)
	0-8	53.4 (45.4-61.4)	56.2 (53.6-58.9)	58.6 (55.6-61.6)
	9-19	17.4 (11.7-23.1)	16.8 (14.9-18.7)	17.0 (14.8-19.2)
	20-39	12.5 (8.0-17.0)	14.7 (12.7-16.6)	14.6 (12.3-17.0)
	40 or more	16.6 (11.1-22.1)	12.3 (10.6-14.1)	9.8 (8.1-11.4)
Area in which care recipient needs most help	Self-care* <sup>§</sup>	27.9 (20.3-35.5)	17.4 (15.4-19.3)	16.2 (13.9-18.4)
	Household care	29.6 (22.1-37.1)	31.6 (28.9-34.3)	33.6 (30.3-36.9)
	Communicating with others	5.3 (1.5-9.1)	4.0 (2.8-5.3)	3.6 (2.3-4.8)
	Learning, remembering, confusion* <sup>§</sup>	13.3 (7.7-18.8)	2.2 (1.4-3.1)	2.6 (1.3-3.8)

Variable	Category	Caregivers of persons with Alzheimer's disease or dementia (care recipients of all ages; n=724)	Caregivers of Persons without Alzheimer's disease or dementia	
		Percent (95% CI)+	Care recipients of all ages (n=7,478) Percent (95% CI)+	Care recipients age ≥60 only (n=5,235) Percent (95% CI)+
Area in which care recipient needs most help (continued)	Seeing or hearing	0.6 (0.0-1.7)	0.8 (0.5-1.1)	0.9 (0.5-1.3)
	Moving around	3.0 (0.6-5.3)	6.0 (4.6-7.5)	6.2 (4.7-7.7)
	Transportation outside the home* <sup>§</sup>	13.9 (6.8-21.1)	27.7 (24.9-30.4)	30.5 (27.3-33.7)
	Getting along with people* <sup>§</sup>	0.05 (0.0-0.1)	1.2 (0.5-1.9)	0.5 (0.1-0.9)
	Feeling anxious or depressed	7.7 (0.0-16.7)	9.5 (7.6-11.3)	6.5 (4.9-8.1)
Cognitive status change	Care recipient experienced a change in thinking or remembering in the past year* <sup>§</sup>	94.0 (91.5-96.4)	46.2 (43.7-48.7)	53.1 (50.1-56.0)
Greatest difficulty faced by caregiver	Financial burden*	3.1 (1.5-4.7)	7.5 (6.0-9.0)	5.5 (3.8-7.3)
	Not enough time for him/herself	8.3 (5.4-11.2)	8.1 (6.9-9.4)	8.9 (7.3-10.5)
	Not enough time for family	11.3 (3.5-19.1)	6.0 (4.7-7.4)	6.9 (5.0-8.7)
	Interferes with work	2.6 (0.0-5.3)	3.5 (2.4-4.6)	3.2 (2.2-4.2)
	Creates or aggravates health problems* <sup>§</sup>	6.7 (2.6-10.9)	2.0 (1.4-2.6)	1.9 (1.3-2.6)
	Affects family relationships	8.6 (3.0-14.3)	5.5 (4.2-6.8)	5.8 (4.3-7.3)
	Creates stress* <sup>§</sup>	31.0 (24.5-37.5)	24.1 (22.0-26.2)	23.7 (21.5-25.9)
	Another difficulty	7.5 (3.9-11.1)	7.2 (5.9-8.5)	7.0 (5.6-8.5)
	No difficulty* <sup>§</sup>	20.7 (15.6-25.9)	35.9 (33.5-38.3)	37.0 (34.2-39.8)

+ 95 % confidence interval for the proportion

\* Statistically significant difference (p<0.05) between the proportion of caregivers of persons with Alzheimer's disease or dementia reporting the variable compared to other caregivers of people of all ages (t-test for differences in mean/median or chi-square test for difference in proportions). Care recipient age and length of care are statistically significant differences based on a categorical trend.

§ Statistically significant difference (p<0.05) between the proportion of caregivers of persons with Alzheimer's disease or dementia reporting the variable compared to other caregivers of people age 60 and older (t-test for differences in mean/median or chi-square test for difference in proportions). Care recipient age and length of care are statistically significant differences based on a categorical trend.

**Table 2**

**Demographic and health behavior characteristics of caregivers by Alzheimer’s disease or dementia presence among care recipients (weighted). Data from the Connecticut, Illinois, Louisiana, Ohio, New Hampshire, New Jersey, New York, Tennessee, and Washington, D.C. Behavioral Risk Factor Surveillance System (BRFSS), 2009 & 2010.**

Variable	Category	Caregivers of persons with Alzheimer’s disease or dementia (care recipients of all ages; n=724)	Caregivers of Persons without Alzheimer’s disease or dementia	
			Care recipients of all ages (n=7,478)	Care recipients age ≥60 only (n=5,235)
		Percent (95% CI)+	Percent (95% CI)+	Percent (95% CI)+
Gender	Female	65.4 (57.4-73.3)	63.0 (60.4-65.6)	63.7 (60.8-66.7)
Age*	18-34	10.7 (5.7-15.6)	22.7 (20.2-25.2)	14.9 (12.4-17.4)
	35-44	17.4 (9.0-25.8)	21.9 (19.6-24.1)	21.6 (18.8-24.5)
	45-54	23.8 (17.9-29.8)	23.3 (21.4-25.3)	24.4 (22.1-26.7)
	55-64	27.0 (20.9-33.0)	17.1 (15.6-18.7)	20.1 (18.0-22.1)
	65+	21.1 (16.0-26.1)	15.0 (13.6-16.4)	19.0 (17.1-20.9)
Education	Less than high school	28.7 (22.1-35.2)	32.9 (30.5-35.3)	30.2 (27.5-32.9)
	High school degree or equivalent	27.3 (20.6-34.1)	27.7 (25.4-29.9)	27.4 (24.9-30.0)
	Some college or beyond	44.0 (36.3-51.6)	39.4 (37.0-41.8)	42.4 (39.5-45.2)
Employment status	Employed, student, or homemaker*	63.7 (56.7-70.6)	70.9 (68.8-73.1)	68.2 (65.5-70.8)
	Retired*	23.3 (17.8-28.7)	14.7 (13.4-16.1)	18.5 (16.6-20.3)
	Out of work or unable to work*	13.0 (7.8-18.3)	14.3 (12.5-16.2)	13.3 (11.1-15.5)
Marital status	Married/Coupled	71.1 (64.7-77.5)	66.4 (64.0-68.8)	70.0 (67.4-72.6)
Children in household	At least one child under age 18 lives in household	34.3 (26.0-42.5)	40.9 (38.4-43.4)	36.0 (33.1-38.9)
Disability status	Respondent has a disability	25.8 (19.6-31.9)	23.7 (21.6-25.8)	23.5 (21.1-25.9)

Variable	Category	Caregivers of persons with Alzheimer's disease or dementia (care recipients of all ages; n=724)	Caregivers of Persons without Alzheimer's disease or dementia	
			Care recipients of all ages (n=7,478)	Care recipients age ≥60 only (n=5,235)
		Percent (95% CI)+	Percent (95% CI)+	Percent (95% CI)+
Race/ethnicity	White only, non-Hispanic	82.0 (76.3-87.7)	76.0 (73.9-78.1)	79.6 (77.1-82.0)
	Black only, non-Hispanic	12.3 (7.3-17.3)	12.6 (11.1-14.2)	11.2 (9.5-12.8)
	Other race only, non-Hispanic	2.0 (0.0-4.3)	3.1 (2.2-4.0)	2.4 (1.5-3.3)
	Multiracial, non-Hispanic	0.6 (0.0-4.3)	1.5 (0.9-2.1)	0.9 (0.4-1.4)
	Any race, Hispanic	3.1 (1.1-5.2)	6.7 (5.3-8.2)	5.9 (4.1-7.8)
Household annual income	Less than \$15,000	3.9 (1.5-6.4)	5.6 (4.3-6.8)	5.2 (3.4-6.9)
	\$15,000-\$24,999	11.1 (6.6-15.5)	13.1 (11.6-14.5)	12.2 (10.6-13.8)
	\$25,000-\$34,999	7.1 (4.2-9.9)	10.0 (8.5-11.5)	9.5 (7.8-11.3)
	\$35,000-\$49,999	13.4 (8.6-18.1)	11.8 (10.4-13.2)	12.1 (10.3-13.8)
	\$50,000 or more	53.6 (46.2-61.1)	49.7 (47.2-52.2)	51.7 (48.8-54.6)
	Not reported or missing	10.9 (6.8-14.9)	9.9 (8.4-11.3)	9.3 (7.8-10.9)
General life satisfaction	Very Satisfied/Satisfied	91.5 (87.2-95.8)	93.1 (91.8-94.4)	93.3 (91.8-94.8)
Frequent mental distress	14 days or more of poor mental health in the past 30 days	14.9 (10.1-19.6)	13.5 (11.7-15.2)	11.8 (9.7-13.9)
Body Mass Index (BMI)	Neither overweight nor obese	33.4 (26.9-39.9)	34.7 (32.2-37.2)	33.9 (31.1-36.7)
	Overweight	40.3 (32.5-48.1)	35.4 (33.0-37.8)	35.8 (33.0-38.6)
	Obese	26.3 (20.5-32.1)	29.8 (27.5-32.1)	30.3 (27.5-33.0)
Emotional support	Always or usually receive support needed	82.6 (77.7-87.5)	77.6 (75.6-79.6)	78.0 (75.6-80.3)

Variable	Category	Caregivers of persons with Alzheimer's disease or dementia (care recipients of all ages; n=724)	Caregivers of Persons without Alzheimer's disease or dementia	
			Care recipients of all ages (n=7,478)	Care recipients age ≥60 only (n=5,235)
		Percent (95% CI)+	Percent (95% CI)+	Percent (95% CI)+
Smoking status	Current Smoker	15.1 (9.5-20.5)	21.6 (19.5-23.7)	18.1 (15.8-20.4)
	Former Smoker	30.4 (23.6-37.2)	24.7 (22.7-26.7)	27.0 (24.6-29.5)
	Never Smoker	54.5 (47.0-62.0)	53.7 (51.2-56.1)	54.8 (51.9-57.7)
Physical activity	Engage in physical activity outside of work	79.6 (74.2-85.0)	80.0 (78.1-81.8)	80.0 (77.8-82.2)
Heavy alcohol consumption	Men having >2 drinks per day; women having >1 drink per day	4.9 (1.9-8.0)	5.3 (3.8-6.8)	3.8 (2.8-4.7)
Binge drinking	Men having ≥5drinks on one occasion; women having ≥4 drinks on one occasion	10.0 (5.3-14.6)	15.3 (13.2-17.3)	12.4 (10.4-14.3)
Veteran status	Ever served on active duty	6.9 (4.1-9.7)	7.8 (6.7-8.9)	9.0 (7.5-10.4)
General health	Excellent, very good, or good	81.5 (76.0-87.1)	84.3 (82.6-85.9)	84.3 (82.4-86.3)
Health care plan	Any coverage*	92.5 (88.5-96.3)	87.3 (85.8-88.9)	88.5 (86.8-90.3)
Medical costs	Needed to see a doctor in the past year but could not because of cost	15.0 (9.1-21.0)	16.9 (15.1-18.7)	15.2 (13.2-17.3)

+ 95 % confidence interval for the proportion

\* Statistically significant difference (p<0.05) between the proportion of caregivers of persons with Alzheimer's disease or dementia reporting the variable compared to other caregivers of people of all ages (t-test for differences in mean/median or chi-square test for difference in proportions). Age is a statistically significant difference based on a categorical trend.

§ Statistically significant difference (p<0.05) between the proportion of caregivers of persons with Alzheimer's disease or dementia reporting the variable compared to other caregivers of people age 60 and older (t-test for differences in mean/median or chi-square test for difference in proportions)

**Table 3**

**Major health problem, long-term illness, or disability among care recipients, as reported by caregivers (weighted). Data from the Connecticut, Illinois, Louisiana, Ohio, New Hampshire, New Jersey, New York, Tennessee, and Washington, D.C. Behavioral Risk Factor Surveillance System (BRFSS), 2009 & 2010.**

*Note: Percent is based on weighted data; therefore, some conditions in this table with a lower n value than other conditions will have a higher percentage than those conditions.*

Health problem, illness, or disability	Care recipients of all ages (n=8,202)	Care recipients age ≥60 only (n=5,944)
	n Percent (95% CI)	n Percent (95%CI)
Attention deficit-hyperactivity disorder (ADHD) or learning disability	41 0.4 (0.1-0.7)	5 0.3 (0.0-0.7)
Alzheimer's disease or dementia	724 7.4 (6.3-8.5)	709 10.7 (9.1-12.2)
Anxiety or depression	178 2.3 (1.6-3.0)	83 1.5 (0.8-2.1)
Arthritis/rheumatism	382 5.9 (4.7-7.1)	336 6.9 (5.4-8.4)
Asthma	79 1.5 (0.8-2.2)	35 1.0 (0.2-1.7)
Cancer	974 12.9 (11.1-14.7)	639 10.3 (8.7-12.0)
Cerebral palsy (CP)	54 0.8 (0.4-1.2)	5 0.2 (0.0-0.5)
Diabetes	549 7.5 (6.3-8.7)	413 8.1 (6.6-9.6)
Down's syndrome	32 0.3 (0.1-0.4)	5 0.1 (0.0-0.1)
Heart disease	700 8.6 (7.4-9.8)	613 11.1 (9.5-12.6)
Hypertension	119 1.5 (1.0-2.0)	96 1.8 (1.1-2.5)
Lung disease/emphysema	184 1.7 (1.1-2.2)	149 1.9 (1.2-2.5)
Multiple sclerosis (MS)	99 1.4 (0.7-2.2)	41 0.7 (0.4-1.0)
Osteoporosis	78 0.7 (0.4-0.9)	71 0.9 (0.5-1.3)
Parkinson's disease	128 1.2 (0.8-1.6)	120 1.5 (1.1-2.0)

Health problem, illness, or disability	Care recipients of all ages (n=8,202)	Care recipients age ≥60 only (n=5,944)
	n Percent (95% CI)	n Percent (95%CI)
Sensory disability (eye/vision problems including blindness or hearing problems including deafness)	190 2.6 (1.7-3.4)	161 3.1 (2.0-4.2)
Spinal cord injury (SCI)	64 0.6 (0.3-0.9)	30 0.3 (0.1-0.5)
Stroke	478 4.7 (3.9-5.5)	412 5.9 (4.9-7.0)
Traumatic brain injury (TBI)	66 0.9 (0.3-1.5)	24 0.2 (0.1-0.3)
Other developmental disability (e.g., spinal bifida, muscular dystrophy, fragile X)	161 2.1 (1.4-2.8)	69 1.2 (0.5-1.9)
Other condition	2,922 35.1 (32.8-37.3)	1,928 32.4 (29.9-35.0)

## Appendix

### Behavioral Risk Factor Surveillance System Optional Caregiver Module

People may provide regular care or assistance to a friend or family member who has a health problem or disability.

1. During the past month, did you provide any such care or assistance to a friend or family member?

- (1) Yes
- (2) No

2. What age is the person to whom you are giving care?

The remainder of these questions will be about the person to whom you are giving the most care.

3. What is the gender of the person you are caring for?

- (1) Male
- (2) Female

4. What is his/her relationship to you? For example is he/she your (mother/daughter or father/son)?

- (1) Parent
- (2) Parent-in-law
- (3) Child
- (4) Spouse
- (5) Sibling
- (6) Grandparent
- (7) Grandchild
- (8) Other Relative
- (9) Non-relative

5. For how long have you provided care for that person?

- (1) \_\_ Days
- (2) \_\_ Weeks
- (3) \_\_ Months
- (4) \_\_ Years

6. What has a doctor said is the major health problem, long-term illness, or disability that the person you care for has? [Interviewer checks only one health condition mentioned.]

7. In which of the following areas does the person you care for need the most help?
  - (1) Taking care of himself/herself, such as eating, dressing, or bathing
  - (2) Taking care of his/her residence or personal living spaces, such as cleaning, managing money, or preparing meals
  - (3) Communicating with others
  - (4) Learning or remembering
  - (5) Seeing or hearing
  - (6) Moving around within the home
  - (7) Transportation outside of the home
  - (8) Getting along with people
  - (9) Relieving/ decreasing anxiety or depression
  - (10) Something else
  
8. In an average week, how many hours do you provide care for that person because of his/her health problem, long-term illness, or disability?
  - (1) \_\_ hours per week
  
9. I am going to read a list of difficulties you may have faced as a caregiver. Please indicate which one of the following is the greatest difficulty you have faced in your caregiving:
  - (1) Creates a financial burden
  - (2) Doesn't leave enough time for yourself
  - (3) Doesn't leave enough time for your family
  - (4) Interferes with your work
  - (5) Creates stress
  - (6) Creates or aggravates health problems
  - (7) Affects family relationships
  - (8) Other difficulty
  - (9) No difficulty
  
10. During the past year, has the person you care for experienced changes in thinking or remembering?
  - (1) Yes
  - (2) No