

Estimated Prevalence and Economic Value of Family Caregiving, by State (2004)

Part A. States in Alphabetical Order

State	Number of caregivers, 2004	Caregiving hours per year (millions)	Annual market value (millions of dollars)
Alabama	450,998	483	\$4,792
Alaska	60,554	65	\$643
Arizona	546,456	585	\$5,807
Arkansas	272,053	291	\$2,891
California	3,419,481	3,663	\$36,336
Colorado	445,138	477	\$4,730
Connecticut	351,720	377	\$3,737
Delaware	83,532	89	\$888
District of Columbia	57,903	62	\$615
Florida	1,766,219	1,892	\$18,768
Georgia	844,351	904	\$8,972
Hawaii	126,379	135	\$1,343
Idaho	132,600	142	\$1,409
Illinois	1,237,781	1,326	\$13,153
Indiana	606,759	650	\$6,448
Iowa	297,388	319	\$3,160
Kansas	267,190	286	\$2,839
Kentucky	415,171	445	\$4,412
Louisiana	436,992	468	\$4,644
Maine	136,959	147	\$1,455
Maryland	547,647	587	\$5,819
Massachusetts	650,636	697	\$6,914
Michigan	993,928	1,065	\$10,562
Minnesota	503,523	539	\$5,351
Mississippi	280,802	301	\$2,984
Missouri	572,438	613	\$6,083
Montana	94,437	101	\$1,004
Nebraska	170,972	183	\$1,817
Nevada	226,016	242	\$2,402
New Hampshire	131,109	140	\$1,393
New Jersey	862,502	924	\$9,165
New Mexico	184,473	198	\$1,960
New York	1,923,778	2,061	\$20,443
North Carolina	840,345	900	\$8,930
North Dakota	64,441	69	\$685
Ohio	1,140,348	1,222	\$12,118
Oklahoma	347,618	372	\$3,694
Oregon	359,470	385	\$3,820
Pennsylvania	1,262,393	1,352	\$13,415
Rhode Island	109,822	118	\$1,167
South Carolina	416,214	446	\$4,423
South Dakota	75,533	81	\$803
Tennessee	591,666	634	\$6,287
Texas	2,101,949	2,252	\$22,336
Utah	209,640	225	\$2,228
Vermont	64,277	69	\$683
Virginia	740,402	793	\$7,868
Washington	616,302	660	\$6,549
West Virginia	189,180	203	\$2,010
Wisconsin	549,279	588	\$5,837
Wyoming	51,004	55	\$542
United States, total	28,827,766	30,880	\$306,333

These state-by-state statistics for 2004, were prepared in August 2006 by the National Family Caregivers Association and Family Caregiver Alliance's National Center on Caregiving in conjunction with Peter S.Arno, PhD, Department of Epidemiology and Population Health, Montefiore Medical Center, Albert Einstein College of Medicine. The data and methodology are based on Dr. Arno's previous study, Economic Value of Informal Caregiving: 2004, presented at the Care Coordination and Caregivers Forum, Department of Veterans Affairs, Bethesda, MD., January 25, 2006.

Suggested Citation:

National Family Caregivers Association & Family Caregiver Alliance (2006). Prevalence, Hours and Economic Value of Family Caregiving, Updated State-by-State Analysis of 2004 National Estimates by Peter S. Arno, PhD. Kensington, MD: NFCA & San Francisco, CA: FCA.



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Estimated Prevalence and Economic Value of Family Caregiving, by State (2004)

Part B. States in Rank Order

State	Number of caregivers, 2004	Caregiving hours per year (millions)	Annual market value (millions of dollars)
California	3,419,481	3,663	\$36,336
Texas	2,101,949	2,252	\$22,336
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Methodology

Prevalence. The estimate of the number of family caregivers in the U.S. is based on two nationally representative surveys, the Survey on Income and Program Participation¹ (SIPP) and the National Survey of Families and Households² (NSFH), updated by current population estimates, by age, using 2004 U.S. Census data. In 2004, there were an estimated 27 million caregivers (according to SIPP) and 30.7 million caregivers (according to NSFH). The average of these two estimates was used to arrive at a mid-range estimate of the number of caregivers nationally – 28.8 million. Using this national average and state-by-state U.S. Census data from 2004, we determined the estimated number of family caregivers per state.

Number of caregiving hours. Four nationally-representative surveys³ were used to determine the average number of caregiving hours (20.6) provided per caregiver per week. That number was then multiplied by the estimated number of caregivers in each state and the number of weeks per year to determine the annual number of caregiving hours per state.

Market wage rate. Two wage rates were considered to impute an economic value of family caregiving to show the potential cost of care if informal caregiving had to be replaced by paid workers. The rates used were the current minimum wage (\$5.15⁴ per hour) and the average national rate for home health aides (\$14.68 per hour⁵). The average of these two wages, \$9.92 per hour, was used as the standard wage for family caregivers. This rate was multiplied by the number of caregiving hours (nationally and per state) to determine the 2004 national market value of caregiving, \$306 billion, and state by state market values.

¹ C.L. Harpine, J.M. McNeil & E.J. Lamas (1990). The Need for Personal Assistance with Everyday Activities: Recipients and Caregivers, *Current Population Reports, Household Economic Studies*, Series P-70, no. 19.

SIPP is a national, multi-panel, longitudinal survey of adults, representative of households in the civilian, non-institutionalized population. The SIPP survey defines caregivers as age 15 and older providing personal assistance for everyday needs of someone age 15 and older. Fielded in 1986, the caregiver prevalence estimate was updated by projecting population estimates, by age, using the 2004 Census. The central assumption used was that the ratio of caregivers to the U.S. population, by age cohorts, was the same in 1986 and 2004.

² N.F.Marks (January 1996). Caregiving across the Lifespan: National Prevalence and Predictors, *Family Relations*: 27–36.

The NSFH is a national probability sample of non-institutionalized adults. The NSFH survey defines caregivers as age 20 and older providing personal assistance to adults age 18 and over. Fielded in 1987-1988, the caregiver prevalence estimate was updated by projecting population estimates, by age, using the 2004 Census. The central assumption used was that the ratio of caregivers to the U.S. population, by age cohorts, was the same in 1987-1988 and 2004.

³ National Alliance for Caregiving & AARP (1997). *Family Caregiving in the U.S.* Bethesda, MD: NAC & Washington, DC: AARP.

The National Family Caregiver Survey identified the prevalence, demographics, impacts on and needs of family caregivers using a random dial telephone sample of adults in the U.S. Caregivers are defined as someone age 18 and older providing one or more ADLs or IADLs for someone age 18 and older. Average weekly number of caregiving hours: 17.9.

Health and Human Services (June, 1998). *Informal Caregiving: Compassion in Action*. Washington, DC: Author.

Uses data from the 1994 National Long-Term Care Survey, a nationally representative survey of Medicare beneficiaries aged 65 or over with chronic functional disabilities. The 1994 NLTC had both a cross-sectional and a longitudinal component. The survey covered both institutionalized and community-based persons with disabilities. There was not a separate survey for informal caregivers. Average weekly number of caregiving hours: 20.

U.S. Census Bureau (1996-2000). *Survey on Income and Program Participation*. Washington, DC: Author. See number 1 for survey description and definition of "caregiver." Average weekly number of caregiving hours: 24.

Henry J. Kaiser Foundation, Harvard School of Public Health, United Hospital Fund of New York & Visiting Nurse Service of New York (2002). *The wide circle of caregiving- Key findings from a national survey: Long Term Care from the Caregiver's Perspective*. Author.

The telephone survey was conducted in 1998 using an equal probability of selection sample method. Caregivers were defined as anyone who in the course of the previous year provided unpaid help, or arranged for help, to a relative or friend with an illness or disability that leaves them unable to do some things for themselves, or who needs assistance simply because they are getting older. Average weekly number of caregiving hours: 20.5.

⁴ Bureau of Labor Statistics (2004). Federal minimum wage. Accessed from: <http://www.bls.gov/>.

⁵ Bureau of Labor Statistics (December 2004). Home health care services (NAIC code 6216). Accessed from: <http://www.bls.gov/>.



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