

medicaid and the uninsured

November 2009

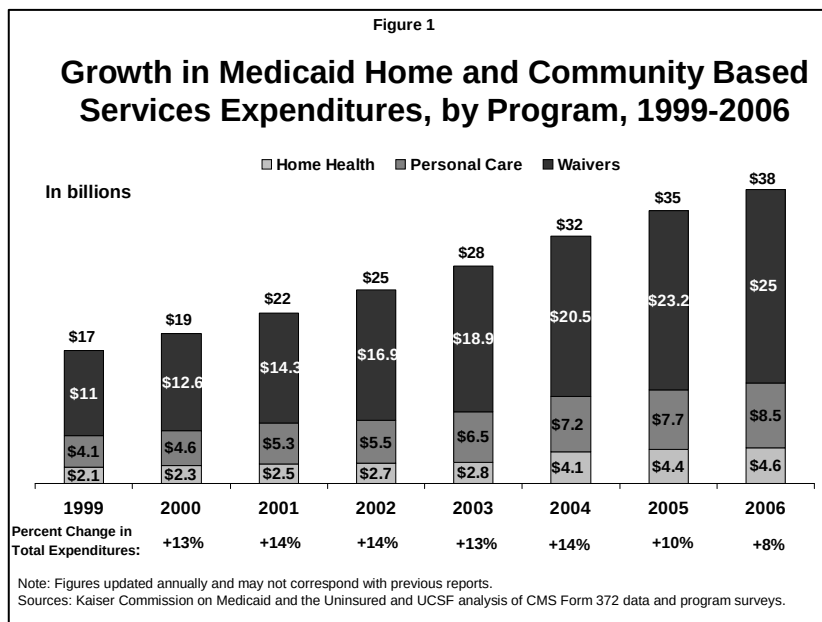
Medicaid Home and Community-Based Service Programs: Data Update

EXECUTIVE SUMMARY

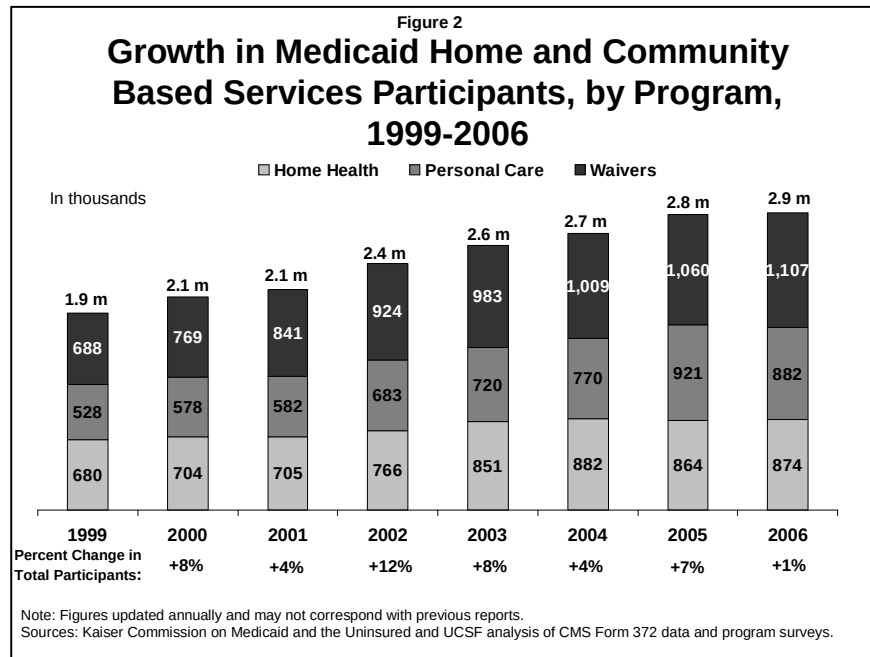
Developing home and community-based service (HCBS) alternatives to institutional care has been a priority for many state Medicaid programs over the last three decades. While the majority of Medicaid long-term care dollars still go toward institutional care, the national percentage of Medicaid spending on HCBS has more than doubled from 19 percent in 1995 to 41 percent in 2007. The recent financial crisis could impact the ability of many states to provide Medicaid services to the growing number of people who rely on the program for health and long-term care services. The ongoing debate about health care reform could also affect Medicaid eligibility and services provided in home and community-based settings. This report presents a summary of the main trends to emerge from the latest (2006) expenditures and participant data for the three main Medicaid HCBS programs: (1) optional 1915(c) HCBS waivers, (2) the mandatory home health benefit, and (3) the optional state plan personal care services benefit. It also presents findings on eligibility criteria, provider, service and waiting lists for all three programs, as well as provider reimbursement rates for the home health benefit and the personal care services benefit in 2008.

Key Findings:

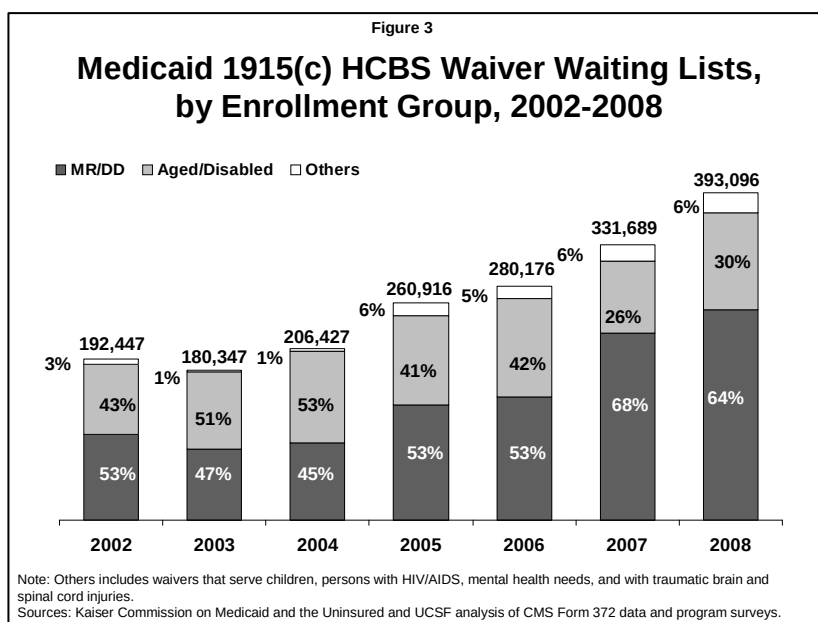
- **In 2006, overall spending on Medicaid HCBS increased 8 percent (Figure 1).** The overall growth in spending (including 1915(c) waivers, home health, and personal care services) was 2 percentage points lower than the 10 percent growth rate in 2005 and down from the 14 percent growth rate in 2004. Spending growth on total HCBS programs in 2006 was led by the personal care program with 10 percent annual growth, followed by the waiver program and the home health benefit at 8 percent and 5 percent increases respectively.



- There was a slight increase in total participants in Medicaid HCBS programs with nearly 2.9 million individuals being served through these programs in 2006 (Figure 2). There was only a 1 percent increase in participants in 2006, down sharply from the almost 7 percent increase in 2005 and 4 percent increase in 2004. More than 1.1 million individuals were served through HCBS waivers, 873,607 individuals received care through the home health benefit and 881,762 individuals received the personal care services benefit. Participation in the waiver and home health program grew by 4 percent and 1 percent respectively even as the number of waivers fell from 277 to 269. There was a 4 percent decline in the number of individuals receiving personal care in 2006 compared to 2005, mainly due to a large decline in the Texas program.



- In 2008, all states reported using cost controls on HCBS waivers such as restrictive financial and function eligibility standards, enrollment limits, and waiting lists. About 32 percent of reporting waiver programs used more restrictive financial eligibility standards for HCBS waiver programs than for nursing facilities. However, only 14 waivers used more restrictive functional eligibility criteria for waivers than for institutional care. This year's survey also found a 19 percent increase in the number of persons on waiting lists for waiver services (Figure 3). In 2008, 393,096 individuals were on waiting lists, up from 331,689 in 2007 and 280,176 in 2006. The average length of time an individual spent on a waiting list ranged from 9 months for aged waivers to 32 months for MR/DD waivers. More than half (56%) of states offering the personal care benefit had some form of cost controls in place, with the majority utilizing service limitations. Among home health programs, 27 percent of states had some form of cost control related to expenditure or service restriction.



- The use of consumer direction was present in each of the three Medicaid HCBS programs.** Consumer direction can include initiatives such as consumer choice in the allocation of their service budgets or the hiring and firing of service providers. Consumer direction was allowed in most waiver states, with 71 percent of waiver states allowing consumer direction in at least some of their waivers in 2008. In states with the optional state plan personal care program, 41 percent allowed consumer direction. In contrast, the percentage of home health programs allowing consumer direction within their program was 21 percent in 2008.

Over the past three decades, policy makers have responded to consumer preferences for alternatives to institutional care, by expanding Medicaid HCBS programs. In 2006, the number of Medicaid enrollees receiving HCBS services grew to almost 2.9 million, a 1 percent increase over the previous year. Although the number of Medicaid enrollees in HCBS waivers also increased in 2008, the 31 percent increase in the number of individuals on waiting lists highlights the demand for services, especially those serving the MR/DD and aged/disabled populations. In addition, inter-state variations in Medicaid HCBS programs and spending are still a concern. The growing number of states using more restrictive financial or functional eligibility standards in their HCBS programs compared to institutional care is at odds with the desire to serve more Medicaid beneficiaries in community-based setting.

As the recession and accompanying state budget deficits continue, states will be faced with new uncertainties for the provision of Medicaid HCBS services in the coming years. The possibility of new 1915(i) and 1915(j) waivers under the Deficit Reduction Act, which would allow states to provide HCBS as a state plan and to allow self direction of personal care services in a state plan as well as the increased Federal Medical Assistance Percentage (FMAP) provided for under the 2009 American Recovery and Reinvestment Act may increase access to home and community based services but at the same time place limits on services and costs. Therefore, targeted research is needed to investigate the impact of cost controls on access, quality and overall Medicaid costs as well as the differences in services and spending across states.

INTRODUCTION

Developing home and community-based service (HCBS) alternatives to institutional care has been a priority for many state Medicaid programs over the past three decades. While the majority of Medicaid long-term care dollars still go toward institutional care, the national percentage of Medicaid spending on HCBS has more than doubled from 19 percent in 1995 to 41 percent in 2007.¹ States have responded to consumer preferences and the Supreme Court ruling in the *Olmstead* case, which confirms the discriminatory nature of policies that lead to the unnecessary institutionalization of participants on public programs such as Medicaid, in their efforts to direct state long-term care delivery systems toward more community-based care.² In 2009, Medicaid enrollment grew by 5.4 percent and expenditures grew by 7.9 percent, but the financial crisis and resulting recession is expected to greatly impact the ability of many states to provide Medicaid services to the growing number of individuals eligible for Medicaid. In fiscal year 2010, 48 states are reporting a budget deficit and many states are expected to report such deficits well into fiscal year 2011.³ These fiscal problems will bring new uncertainties for the provision of Medicaid HCBS in the coming years.

Over the last eight years, we have tracked the development of the three main Medicaid HCBS programs: (1) optional 1915(c) HCBS waivers, (2) the mandatory home health benefit, and (3) the optional state plan personal care services benefit. Beginning in 2002, we also surveyed the policies, such as eligibility criteria and waiting lists that states use to control spending growth in waiver programs. Starting from 2007, we expanded the policy survey to include the home health benefit and the state plan personal care services benefit. On these surveys, we collected data on eligibility criteria, provider and services data as well as provider reimbursement rate data. This report presents a summary of the main trends to emerge from the latest (2006) expenditures and participant data for the three Medicaid HCBS programs, and findings from the survey of policies used on 1915(c) waivers, the home health benefit and the optional state plan personal care services benefit in 2008.

MEDICAID HCBS PARTICIPANTS AND EXPENDITURES

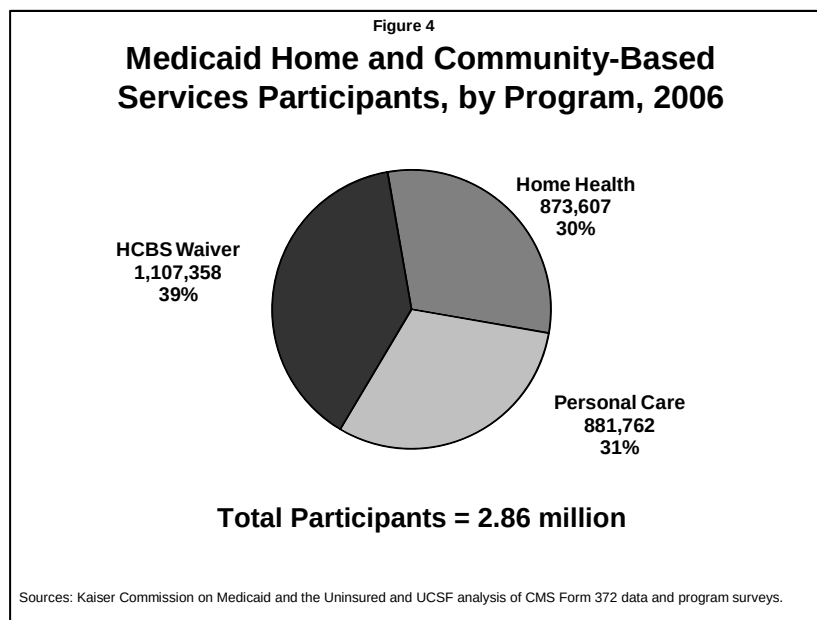
Medicaid Home Health, Personal Care Services, and 1915(c) Waiver Participants.

As noted above, there are three main ways a state can provide Medicaid HCBS: (1) optional 1915(c) HCBS waivers, (2) the mandatory home health benefit, and (3) the optional state plan personal care services benefit.

In 2006, all states and DC operated the Medicaid home health benefit while 48 states and DC operated multiple HCBS waivers (Arizona and Vermont operate their Medicaid long-term care program under a Section 1115 demonstration waiver). The number of states actively offering the optional state plan personal care benefit in 2006 was 31, with Louisiana the latest state to start a program in 2004. (Two states had approval for the personal care benefit but did not have clients in their programs: Delaware and Rhode Island).

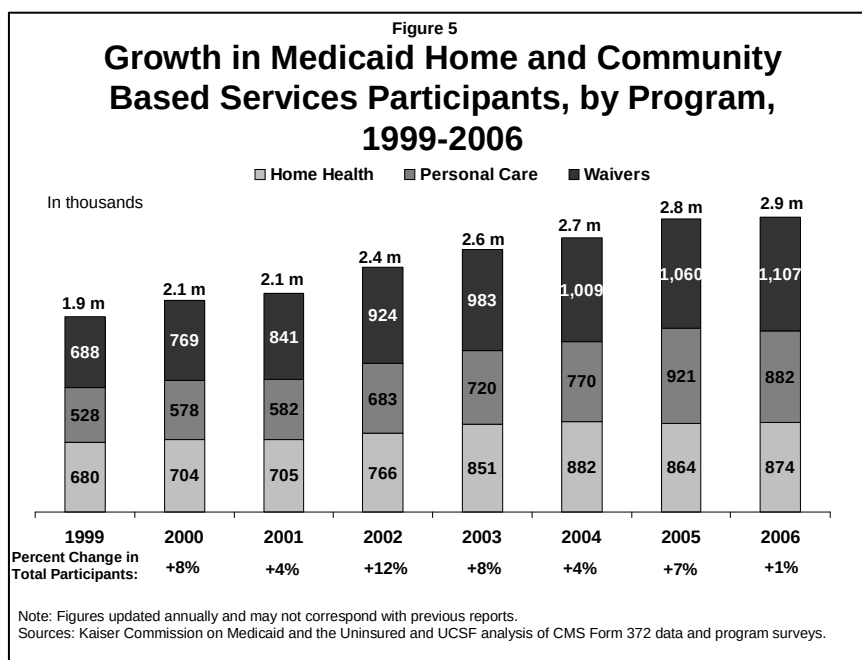
In 2006, nearly 2.9 million individuals received Medicaid home and community-based services (Figure 4, Table 1A). Participation in HCBS programs increased only 1 percent between 2005 and 2006. This compares with the almost 7 percent increase in total

Medicaid HCBS participants in the 2004 to 2005 period. Of those participants, 1,107,358 individuals were served through HCBS 1915(c) waivers, 873,607 individuals received care through the home health benefit, and 881,762 individuals received personal care services through the optional state plan benefit (Table 1B, 1C, and 1D).



Between 1999 and 2006, the number of individuals receiving Medicaid home and community-based services grew steadily each year by an average of 6 percent (Table 1A and Figure 5), which was more than the 4.3 percent average annual increase in total Medicaid enrollment in the same period.³ The higher growth in HCBS participants compared to total Medicaid participants indicates a growing demand for Medicaid HCBS services.

Over the 1999 to 2006 period there was, however, great inter-state variation in average Medicaid HCBS participant annual growth rates ranging from large increases in Nevada (22 percent), Hawaii and North Carolina (20 percent), to reductions in New Hampshire (-5 percent), Arkansas, Connecticut and South Carolina (-1 percent). Declines in these states may be due to fiscal deficits, policy changes or a reduction in services over the study period that curtailed Medicaid HCBS participation through discretionary cost control methods or legislative orders.



While this study was not designed to seek explanations for these trends, it was possible to identify which programs contributed to the Medicaid participation changes in each state. In Nevada, the state with the largest average annual growth in Medicaid HCBS participation between 1999 and 2006, Nevada's personal care program grew an average of 48 percent annually. In contrast, Hawaii's growth in Medicaid HCBS participation was spurred by a 79 percent average annual increase in Medicaid home health participants while North Carolina had a 32 percent average annual increase in personal care participation.

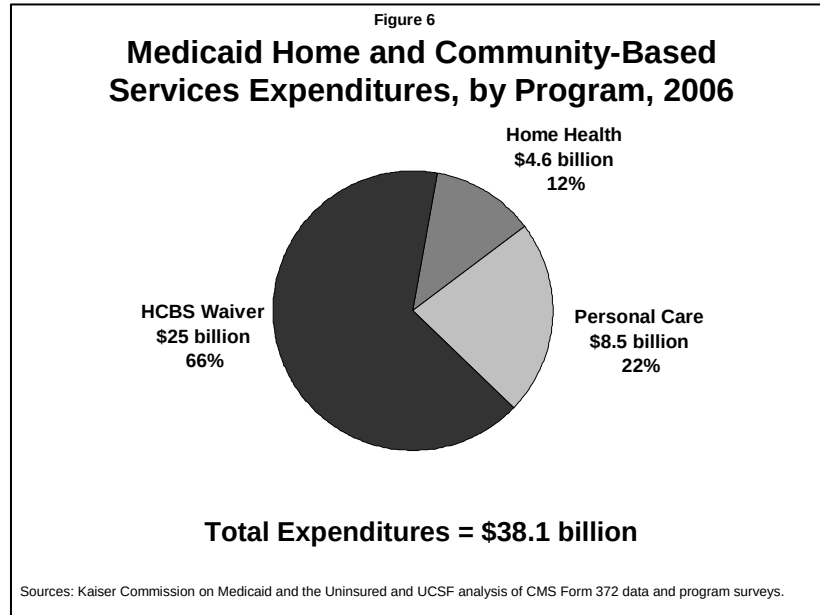
In the 1999 to 2006 study period, New Hampshire reported a decline in personal care (annual average decline of 17 percent) and home health (annual average decline of 7 percent) during the 1999-2006 period. Arkansas also reported declines in home health and personal care (-6 percent and -3 percent respectively). Connecticut and South Carolina reported declines in home health participation (-2 percent and -3 percent respectively). Further research is needed to investigate whether these Medicaid participants are now served in other programs.

In the latest data year, between 2005 and 2006, there were also large inter-state variations in annual Medicaid HCBS participant growth rates ranging from highs of 17 percent in Colorado and Iowa, to reductions of 38 percent in Vermont and 15 percent in Georgia. In 2006, Colorado and Iowa's waiver program grew by 20 percent and 30 percent respectively. Of the states with the largest reported decline in Medicaid HCBS participants between 2005 and 2006, Vermont closed its HCBS waiver program and shifted almost 4,000 waiver participants to its Section 1115 Global Commitment waiver. Georgia's Medicaid HCBS participant decline was led by a 38 percent decline in its home health participants. In addition, the decline in the personal care services program in 2006 was led by a large decline in the number of participants in the Texas program.

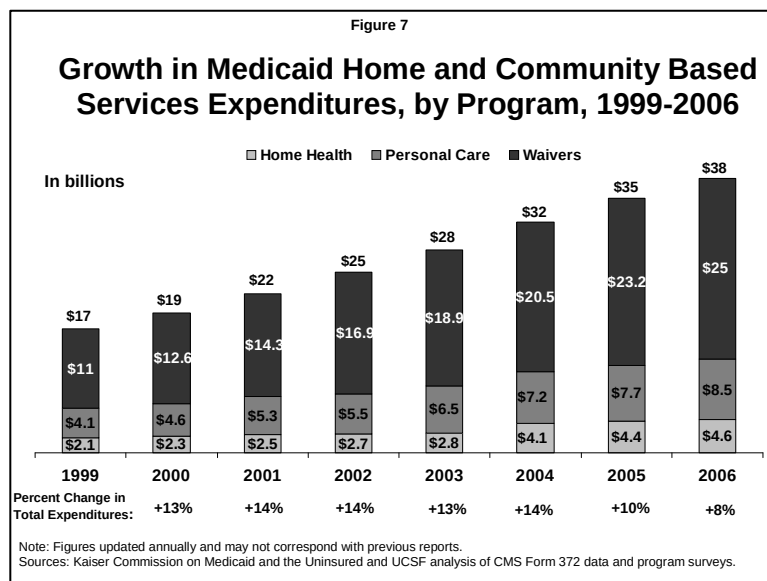
Medicaid Home Health, Personal Care Services, and 1915(c) Waiver Expenditures.

In 2006, total Medicaid spending on home and community-based services was \$38.1 billion (Table 2A). The large majority of Medicaid spending on non-institutional long-term

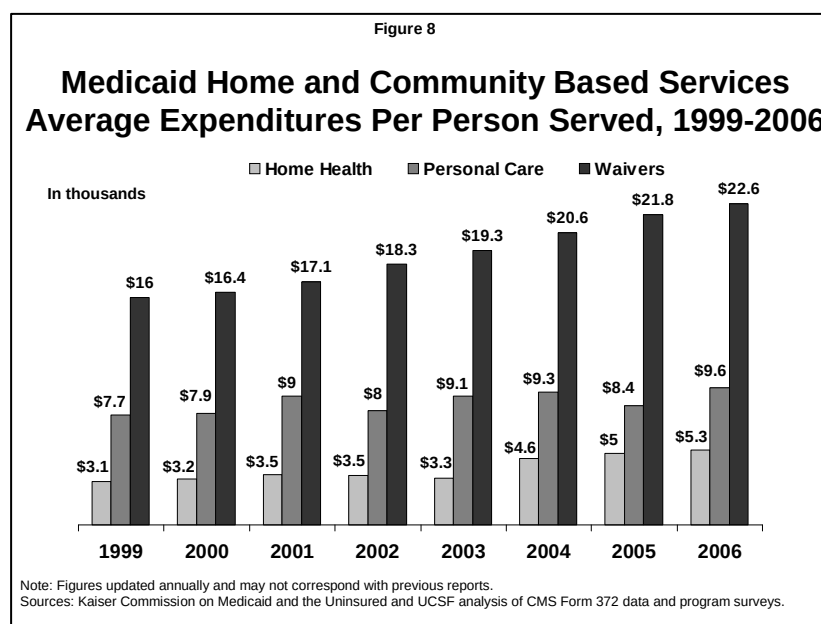
care continued to occur through HCBS waivers. In 2006, Medicaid spending on HCBS waivers was \$25 billion, compared to \$8.5 billion on state plan personal care services, and \$4.6 billion on home health services (Tables 2B, 2C, 2D and Figure 6).



Between 1999 and 2006, total Medicaid spending on HCBS increased by almost \$21 billion (122 percent) or an average annual increase of 12 percent (Table 2A and Figure 7). This compares to an average annual increase of 4.9 percent for total Medicaid expenditures in the same period. Although there was a general trend of annual percentage increases in Medicaid HCBS expenditures and a 8 percent annual increase between 2005 and 2006, 5 states (Connecticut, Louisiana, Mississippi, South Carolina and Vermont) recorded an annual decline in expenditures between 2005 and 2006 (Table 2A). As noted above, Vermont shifted individuals from its HCBS waiver program to a Section 1115 waiver. Connecticut's decline in expenditures reflects the termination of their DD waiver in 2006. The Medicaid HCBS annual growth rate between 2005 and 2006 contrasted with the 2 percent expenditure decline recorded for total Medicaid expenditures. This indicates that Medicaid HCBS expenditures as a proportion of Medicaid expenditures increased between 2005 and 2006 as it has done every year since 1999.



National total Medicaid home and community-based expenditure data masked three forms of variation. First, while national per person spending on Medicaid home and community-based services averaged \$13,320 in 2006, there was great variation among the states, ranging from \$5,407 in Texas (excluding Vermont which stopped its waiver program) to \$33,862 in Rhode Island (Table 3A). Second, differences existed in spending across the programs. Per-person expenditures ranged from \$5,251 for home health participants to \$22,619 for waiver participants in 2006 (Table 3B, 3C, 3D and Figure 8). This difference was probably due to the types of services and length of service provided in the different home and community-based service options. The low spending on home health participants probably reflects shorter periods of per-participant service provision compared to either the waiver or the personal care option. Third, there was also significant per-person expenditure variation within the waiver programs among the different target groups.

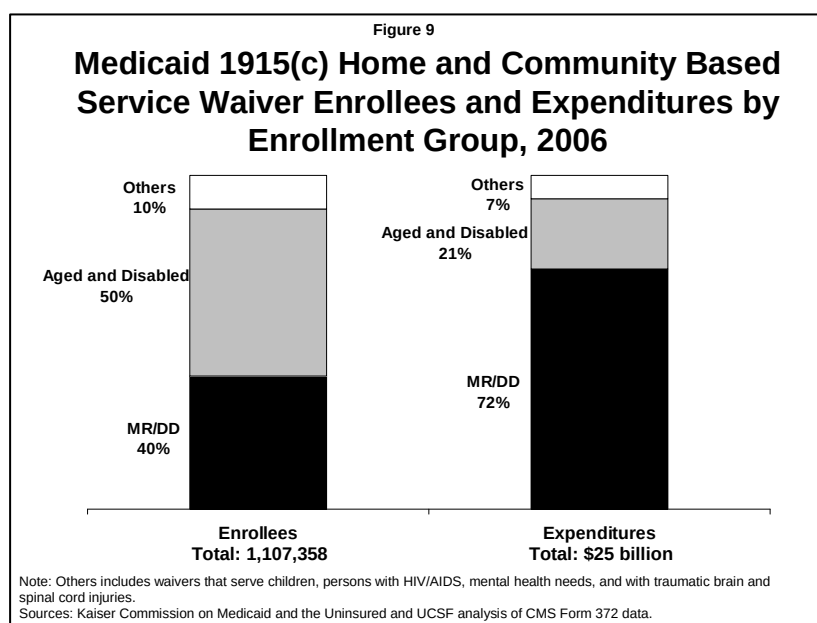


Medicaid 1915(c) Home and Community-Based Service Waivers. Between 2005 and 2006, the reported number of 1915(c) home and community-based service waivers declined for the first time in the study's history from 272 to 269, due mostly to Vermont's transition away from such waivers in 2006 and the consolidation of waivers in certain states such as California. Every state and DC, except Arizona and Vermont which operates their Medicaid long-term care program through Section 1115 waivers, had multiple HCBS waivers targeted at a range of populations that are 'at risk of institutional care.' These groups included: the aged, aged or disabled, individuals with physical disabilities, individuals with mental retardation and developmental disabilities, medically fragile or technology dependent children, individuals with HIV/AIDS, and individuals with traumatic brain and spinal cord injury (TBI/SCI).

Table 4 details HCBS waivers by participants, expenditures and expenditures per person for the most recent years. In 2006, 1,107,358 participants were served through Medicaid HCBS waivers (Tables 4 and 5). This represented an increase of 44,569 individuals from 2005 (4 percent) even as the number of waivers fell. As in previous years, the majority of participants (554,215) received services through waivers targeting the aged and aged or

disabled, making up 50 percent of total waiver participants. The next largest group of participants (443,058) was enrolled in waivers for persons with mental retardation/developmental disabilities (MR/DD) with 40 percent of waiver participants. Those with physical disabilities accounted for only 6 percent (62,616) of total waiver participants. The smallest waivers were for children with special needs (20,479), individuals with HIV/AIDS (13,332), individuals with traumatic brain and spinal cord injuries (TBI/SCI) (11,679), and individuals with mental health needs (1,979). The HCBS waivers with the largest annual increase in participation were children with special needs (13%), followed by TBI/SCI and the aged (10%). A decline in participation was recorded in the HIV/AIDS waivers (-6%) (Table 4).

In 2006, overall expenditures for HCBS waivers increased 8 percent to \$25 billion. The vast majority of spending on HCBS waivers was on those targeting individuals with MR/DD. Although individuals in MR/DD waivers accounted for just 40 percent of total waiver participants, expenditures on these waivers accounted for 72 percent of all spending (Tables 4, 6 and Figure 9). Between 2005 and 2006, the annual rate of expenditure growth was highest for the mental health waivers (71%) and the aged waivers (18%), while expenditures on HIV/AIDS waivers fell by 13 percent (Table 4). The growth in mental health waivers expenditures reversed a sharp drop in the previous year and occurred despite the termination of a mental health waiver in Vermont.



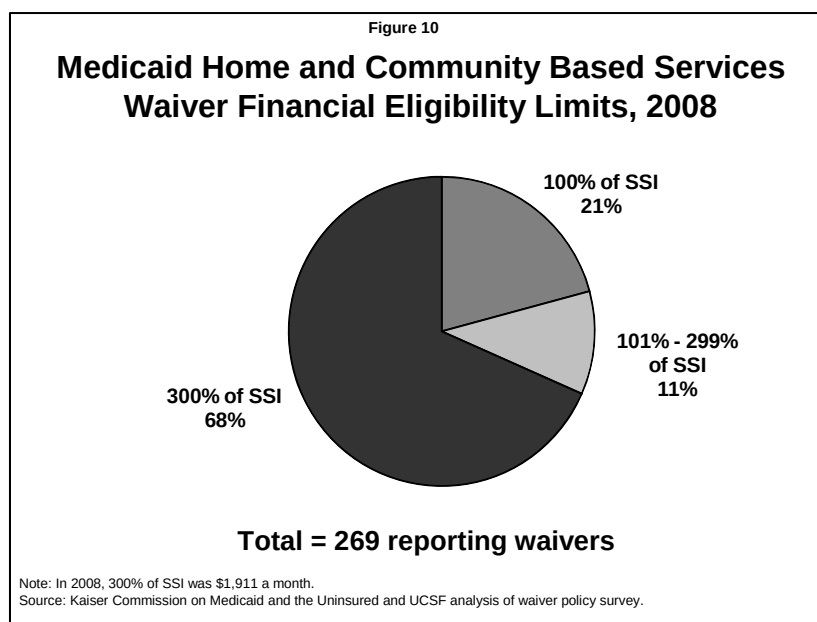
Average waiver expenditures per participant increased by 4 percent from 2005-2006 (Table 4). As a result of individuals with MR/DD having extensive health care needs, the average spending per person was highest for this group (\$40,952) (Table 4 and 7). This amount was nearly 5 times higher than average waiver spending on the aged and the aged/disabled. Expenditures per participant grew by 62 percent for those in mental health waivers, while declining by 7 percent for HIV/AIDS waivers and by 3 percent for children's waivers (Table 4). The increase in expenditures per participants for mental health waivers reversed a decline in the previous year while the decline in the children's waivers was preceded by a 4 percent decline in the previous year.

ELIGIBILITY AND COST CONTAINMENT POLICIES USED ON HOME AND COMMUNITY-BASED SERVICES

Medicaid 1915(c) Home and Community-Based Service Waivers

The Medicaid 1915(c) waiver program allows states to use a broad range of cost-containment strategies to meet federal waiver cost neutrality requirements and to limit waiver spending so that costs do not exceed state budgetary restrictions. To understand how states controlled spending on home and community-based service waivers in 2008, we surveyed all HCBS waiver program administrators asking about their financial and functional eligibility standards, whether they used enrollment and/or expenditure caps, if they used waiting lists, and if so, how many individuals were on the lists and the average length of time an individual spent on the list. The survey findings showed that every state used some type of cost-containment tool in their waivers (over and above the requirement that all per-person waiver spending is kept lower than equivalent institutional care). Cost controls included restrictive financial and functional eligibility standards, enrollment limits, and waiting lists. The following summarizes the survey findings to illustrate how states use cost control policies to control access to home and community-based waiver services.

Financial Eligibility. Most states set nursing facility financial eligibility at 300 percent of SSI (\$1,911/month in 2008). States may set financial eligibility standards for Medicaid 1915(c) HCBS waivers at the same level as that for nursing facilities. There is, however, wide variation across states and HCBS waiver programs as shown in Table 8. The survey found that 32 percent of reporting waiver programs used more restrictive financial eligibility standards than for nursing facilities (Table 8 and Figure 10).



Functional Eligibility. Another way states can limit eligibility for home and community-based service waivers is by setting functional eligibility criteria that are stricter than those used for care in a nursing facility. For example, a state could require an individual to exhibit difficulty in performing 3 Activities of Daily Living (ADLs), such as bathing,

dressing, transferring, eating, toileting, instead of only 2 ADLS required for nursing facility admission. The survey found that 14 waivers (5 percent) used more restrictive functional eligibility criteria for waivers than for institutional care (no Table shown). These waivers were reported in Alabama, Delaware, Florida, Georgia, Kansas, Mississippi, New York, Texas and Utah.

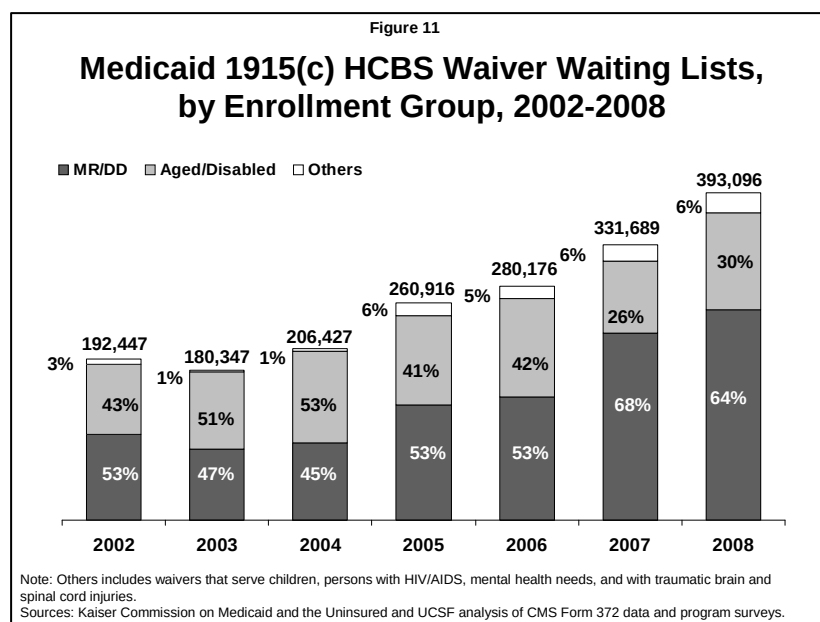
Cost Controls. More than half of all waiver states (57%) utilized some form of cost controls above and beyond the federally mandated cost neutrality formula in 2008. Many states used a mixture of fixed expenditure cap, service provision and hourly cap, and geographic limits within the states (Table 9). Almost half of the states with waiver cost controls (15 of 34 states) utilized more than one form of cost controls such as a combination of expenditure caps and service limitations (Table 9).

Consumer Direction. In response to the President's New Freedom Initiative and the impending implementation of the Deficit Reduction Act, many states also incorporated some form of mandatory or optional consumer direction within their waivers. Consumer direction can include initiatives such as consumer choice in the allocation of their service budgets or the hiring and firing of service providers. In 2008, 106 waivers in 35 states (41 percent of total waivers and 71 percent of waiver states) allowed or required some consumer direction (Table 9). This marks an increase of 10 waivers (10 percent) and 2 states that allowed consumer direction in their waivers between 2007 and 2008.

Waiting Lists. States often have more individuals in need of waiver services than the number of available spaces, called 'slots', in a program (Table 10). Many states use waiting lists when their program slots are filled or when state legislatures do not fully fund the maximum number of slots. In 2008, 38 states reported waiting lists and 9 states said they did not have waiting lists (Table 11). In 2008, there were 121 waivers with waiting lists with 393,096 individuals on waiver waiting lists. Waivers for the MR/DD population had the greatest number of individuals on waiting lists (253,306) followed by waivers serving the aged and aged/disabled (116,202) (Table 11, Figure 8). Most states estimate that a large percentage of the persons on a waiver waiting list reside in the community, rather than in an institution and that most of those on waiting lists have been successfully screened for eligibility.

Compared to the previous year, the number of individuals on waiver waiting lists increased by more than 19 percent, with growth concentrated on the MR/DD and aged/disabled waivers. This increase in waiting lists illustrates the growing demand for waiver services, especially among the MR/DD community, even as the number of waiver participants and expenditures increased.

Persons on MR/DD waiver waiting lists made up 64 percent of the total persons on waiver waiting lists while persons on aged and aged/disabled waivers made up 30 percent of total persons on waiting lists. Due to the varying number of waiver slots available for each enrollment group, the average length of time an individual spends on a waiting list also varied by type of population, from 9 months for aged waivers to 32 months for MR/DD waivers. (Table 11 and Figure 11)



In 2008, 61 percent of all waivers with waiting lists had a policy of screening individuals for Medicaid waiver eligibility before being placed or while on a waiting list (Table 10). In addition, almost more than half of all waivers with waiting lists (57%) had a policy of prioritizing individuals for waiver services (e.g. persons transitioning from an institution get priority for waiver services when slots become available). Almost 90 percent of all states with waiver waiting lists provided non-waiver services such as state plan services to Medicaid eligible individuals while they waited for waiver services.

Medicaid Home Health and State Plan Personal Care Programs

Unlike the waiver program, the Medicaid home health and the optional state plan personal care programs do not allow states the ability to maintain waiting lists or geographically limit the provision of service.⁴ However, federal Medicaid rules allow states to use certain cost-containment strategies. To understand how states control spending in home health and the optional state plan personal care programs in 2008, we continued our survey of all Medicaid home health and state plan personal care program asking about financial eligibility standards, provider use and services provided, whether they used any form of expenditure or service caps, and whether or not they allowed consumer direction. The following summarizes the survey findings to show how states use cost control policies to control access to home health and optional state plan personal care services.

Financial Eligibility. Most states utilized the minimum Medicaid standard of categorically needy to admit participants into the programs. However, states may elect to expand the financial eligibility criteria by allowing the medically needy (those who spend down) and those on the Early Periodic Screening, Diagnostic and Treatment (EPSDT) program to receive services under these programs. In 2008, in addition to the categorically needy, 84 percent of state home health programs and 62 percent of states with optional state plan personal care programs allowed either the medically needy or those on the EPSDT program or both to participate in the programs (Table 9). In 2008, there were 32 states with the optional state plan personal care program, with Kansas starting a program in

2007. Although Rhode Island and Delaware did not report participants or expenditures on their program in 2008, their response to the policy survey was included.

Provider and Services. In addition to licensed home health agencies, 20 states (39 percent) allow hospices to provide home health services, while Centers for Independent Living and independent providers were allowed to provide state plan personal care services in 11 states (32%) and 13 states (38%) respectively. Other than skilled nursing and assistance with activities of daily living (ADLs), 19 states (37%) provided assistances with instrumental activities of daily living (IADLs) in their home health program. In addition, more than 80 percent of states also provided some form of therapy, such as physical, occupational or speech but only 8 states (16%) provided case management in their home health program. Among states with state plan personal care services, 31 states (91%) provided assistance with IADLs while more than 40 percent of states provided some sort of transportation service. Case management was a service in 13 states (38%) with the personal care service option.

Cost Controls. More than one-quarter of all states (27%) utilized either expenditure or service limits or both in their home health programs in 2008 while 56 percent of all states with optional state plan personal care programs used cost control limits. Among states with the optional state plan personal care program, only Maryland used a combination of expenditure and service limits. None of the home health states reported using more than one form of cost control (expenditure or service limits). Service limitations were the most popular form of cost control among home health states with 64 percent of cost control states using such limits. Among personal care states with controls, 84 percent used service limitations as their only form of cost controls (Table 9).

Consumer Direction. In 2008, the percentage of home health programs allowing consumer direction within their program was 21 percent. In contrast, 41 percent of states with the optional state plan personal care program allowed consumer direction. Consumer direction was allowed in most waiver states, with 71 percent of waivers states allowing consumer direction in at least some of their waivers in 2008 (Table 9).

Provider Reimbursement. The average reimbursement that states provided to home health agencies was \$73.30 per home health visit in 2008. In states that paid registered nurses (RNs) or home health aides (HHA) directly or mandated their reimbursement rates, the average rate for RNs was \$89.89 per visit and \$48.68 per visit for HHAs (Table 12). In the optional state plan personal care program, the average rate paid to agencies providing personal care was \$18.11 per hour in 2008. In states where personal care providers were paid directly by the state or where reimbursement rates were determined by the state, the average reimbursement rate was \$10.64 per hour in 2008 (Table 12).⁵ Reimbursement rates for services provided under 1915(c) HCBS waivers were not part of the policy survey and are not reported here. Medicaid services reimbursement rates are set by individual state legislatures as part of the state's budgetary process.

CONCLUSION

Over the past three decades, policy makers have responded to consumer preferences for alternatives to institutional care, by expanding Medicaid home and community-based (HCBS) programs. In 2006, the number of Medicaid enrollees receiving HCBS services grew to more than 2.8 million, a 1 percent increase over the previous year. Although the

number of Medicaid enrollees in HCBS waivers also increased in 2008, the 19 percent increase in the number of individuals on waiting lists highlights the demand for services, especially those serving the MR/DD and aged/disabled populations. In addition, inter-state variations in Medicaid HCBS programs and spending are still a concern. The growing number of states using more restrictive financial or functional eligibility standards in their HCBS programs is at odds with the desire to serve more Medicaid beneficiaries in community-based setting.

As the recession and accompanying state budget deficits continue, states will be faced with new uncertainties for the provision of Medicaid HCBS services in the coming years. The possibility of new 1915(i) and 1915(j) waivers under the Deficit Reduction Act, which would allow states to provide HCBS as a state plan and to allow self direction of personal care services in a state plan as well as the increased Federal Medical Assistance Percentage (FMAP) provided for under the 2009 American Recovery and Reinvestment Act may increase access to home and community based services but at the same time place limits on services and costs.³ Therefore, targeted research is needed to investigate the impact of cost controls on access, quality and overall Medicaid costs as well as the differences in services and spending across states. The increased use of Section 1115 waivers in states such as Vermont to serve long term care participants is also worthy of expanded research.

The use of some form of consumer direction in almost three-quarters of waiver states highlights the need to better understand the impact of the increasing number of Medicaid HCBS enrollees who are able to self direct their care and employ their preferred caretakers. This is also true for the Medicaid Home Health program and the optional state plan personal care services program. The continued adoption of Independence Plus waivers and other demonstrations such as Money Follows the Persons grants within the framework of existing waivers highlights a trend towards the use of consumer directed home care and more research is required to understand the impact such waivers are having on access, quality, and costs.

This issue brief was prepared by Terence Ng and Charlene Harrington from the University of California, San Francisco (UCSF) with Molly O'Malley Watts from the Kaiser Commission on Medicaid and the Uninsured. All findings are drawn from the researchers' analysis of CMS Form 372 data and their annual surveys of the Medicaid waiver, personal care and home health programs.

Endnotes

¹ Burwell, B., Sredl, K., and Eiken, S., 2007. *Medicaid Long Term Care Expenditures in FY 2007*. Thomson Reuters, September 2008.
<http://www.hcbs.org/files/145/7239/2007LTCExpenditures.pdf>

² Kitchener M., and C. Harrington. 2005. "U.S. Long-term Care: A Dialectic Analysis of Institutional Dynamics." *Journal of Health and Social Behavior* 45: 87-101.

³ Vern Smith, et. al. *The Crunch Continues: Medicaid Spending, Coverage and Policy in the Midst of a Recession*. Kaiser Commission on Medicaid and the Uninsured, September 2009. <http://www.kff.org/medicaid/upload/7985.pdf>

⁴ Kitchener M., T. Ng. and C. Harrington. 2007. "State Medicaid Home Care Policies: Inside the Black Box." *Home Health Care Services Quarterly*. Volume 26, No. 3; 23-38.

⁵ Average reimbursement rates for home health and personal care services programs were calculated by standardizing the payment period (per visit for the home health program and per hour for the personal care services program).

Table 1A: Total Medicaid HCBS Participants, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave. % change
Total	1,896,065	2,051,838	2,128,138	2,373,071	2,554,253	2,664,676	2,848,479	2,862,727	1%	6%
AK	3,407	3,973	4,583	5,328	6,365	8,243	8,829	8,808	0%	15%
AL	17,719	18,042	19,455	19,235	19,766	19,723	20,330	20,817	2%	2%
AR	38,418	37,073	36,498	34,414	33,506	33,970	34,174	34,559	1%	-1%
AZ	17,241	19,185	22,296	24,685	27,545	29,934	31,197	32,358	4%	9%
CA	318,608	346,640	335,250	421,556	446,510	454,476	482,776	493,315	2%	7%
CO	27,047	28,931	32,476	34,293	33,615	34,270	31,263	36,531	17%	5%
CT	39,568	41,191	42,398	38,782	38,053	39,467	40,025	35,805	-11%	-1%
DC	4,452	4,571	4,299	4,238	5,081	5,574	6,818	7,579	11%	8%
DE	2,709	2,755	3,128	3,258	3,794	4,162	4,070	4,224	4%	7%
FL	59,768	68,611	75,528	84,974	85,604	87,836	94,323	99,857	6%	8%
GA	25,956	24,420	28,111	33,513	35,599	37,788	38,700	32,967	-15%	4%
HI	2,546	2,816	6,391	6,547	6,277	4,643	5,663	6,060	7%	20%
IA	26,771	27,790	30,267	32,968	37,087	42,110	42,618	49,863	17%	9%
ID	6,265	8,765	10,579	10,754	13,021	15,827	16,552	17,361	5%	16%
IL	69,194	72,874	83,905	94,244	111,227	118,960	143,189	143,956	1%	11%
IN	14,030	13,728	13,360	16,221	19,601	22,413	21,318	22,271	4%	7%
KS	18,185	21,296	22,356	24,343	25,338	27,767	29,213	30,569	5%	8%
KY	34,783	36,025	40,322	41,654	42,514	39,063	37,337	37,505	0%	1%
LA	14,508	18,928	15,662	16,271	18,258	26,462	28,188	28,970	3%	12%
MA	45,926	48,244	47,772	47,002	48,196	46,212	50,668	52,727	4%	2%
MD	15,717	17,283	18,772	17,170	20,215	19,478	23,502	23,116	-2%	6%
ME	11,755	10,624	8,462	8,890	13,963	14,920	15,012	16,091	7%	7%
MI	65,841	69,987	74,466	74,784	78,884	79,901	79,275	80,200	1%	3%
MN	34,603	39,726	47,434	50,609	51,577	56,005	59,325	65,003	10%	10%
MO	71,263	77,133	80,314	83,734	83,771	88,565	89,244	86,419	-3%	3%
MS	8,243	10,279	18,662	21,844	23,613	28,948	23,934	22,979	-4%	19%
MT	6,241	6,504	6,532	6,705	6,525	7,303	7,566	7,559	0%	3%
NC	36,189	40,211	42,680	76,100	84,254	95,880	110,891	117,467	6%	20%
ND	3,169	3,412	2,713	3,171	4,126	5,159	5,511	6,401	16%	12%
NE	8,374	11,247	12,372	12,255	14,547	15,065	17,271	17,942	4%	12%
NH	13,779	13,875	6,829	7,586	8,023	8,117	7,769	7,828	1%	-5%
NJ	47,616	47,827	36,109	43,290	48,120	46,973	49,379	51,217	4%	2%
NM	7,574	9,120	7,784	11,503	15,121	15,932	16,061	16,940	5%	14%
NV	2,894	3,297	4,992	6,039	6,914	8,807	10,165	11,087	9%	22%
NY	257,850	254,556	248,277	249,680	250,697	271,675	271,633	274,837	1%	1%
OH	60,386	80,754	63,377	74,481	133,828	143,989	83,281	88,866	7%	12%
OK	21,041	29,697	30,072	31,906	28,685	33,665	32,044	34,020	6%	8%
OR	33,644	37,852	41,879	45,557	43,361	42,487	43,196	42,085	-3%	3%
PA	28,525	31,615	55,193	72,088	48,173	53,897	59,938	63,637	6%	16%
RI	8,422	7,404	8,864	6,039	6,436	6,919	7,226	7,697	7%	0%
SC	30,280	29,825	29,488	31,595	27,766	27,119	27,403	27,253	-1%	-1%
SD	8,973	8,733	8,775	9,197	9,255	9,769	9,554	9,670	1%	1%
TN	10,416	10,643	10,606	11,198	12,573	17,735	19,317	19,820	3%	10%
TX	181,003	215,279	248,318	269,324	309,152	291,625	427,907	382,313	-11%	13%
UT	4,856	5,822	6,260	6,029	6,896	8,942	8,903	8,790	-1%	9%
VA	22,617	21,708	20,495	20,610	20,428	20,536	22,735	24,521	8%	1%
VT	5,912	6,338	6,801	8,718	8,373	9,070	9,559	5,958	-38%	2%
WA	45,087	48,247	50,757	53,601	63,689	64,336	67,668	69,021	2%	6%
WI	41,582	41,688	39,443	47,268	49,148	53,940	57,055	58,050	2%	5%
WV	12,596	12,687	13,837	14,531	15,664	15,388	14,916	15,508	4%	3%
WY	2,516	2,607	2,939	3,289	3,519	3,631	3,988	4,330	9%	8%

Notes:

Total Medicaid HCBS comprises Medicaid Home Health, Medicaid Personal Care Services, and Medicaid 1915(c) HCBS waivers.

Table 1B: Medicaid Home Health Participants, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	679,671	703,908	704,631	766,321	851,260	881,654	864,421	873,607	1%	4%
AK	519	288	261	232	286	273	304	246	-19%	-8%
AL	7,564	7,801	7,924	7,008	6,576	6,345	6,757	6,389	-5%	-2%
AR	10,039	8,950	8,228	7,189	6,772	6,642	6,788	6,505	-4%	-6%
AZ	17,241	19,185	22,296	24,685	27,545	29,934	31,197	32,358	4%	9%
CA	99,938	90,478	81,250	77,834	89,436	87,027	88,659	87,656	-1%	-2%
CO	7,120	6,741	8,551	8,789	7,326	8,275	8,687	9,430	9%	5%
CT	25,753	26,372	26,619	22,143	20,933	21,446	21,753	22,217	2%	-2%
DC	2,799	2,802	2,349	2,030	2,124	2,360	2,855	3,406	19%	4%
DE	1,120	985	1,072	989	1,324	1,601	1,428	1,467	3%	5%
FL	14,793	14,192	14,324	15,305	17,476	19,962	21,192	21,149	0%	5%
GA	9,330	7,705	7,309	8,827	10,913	13,102	14,014	8,731	-38%	2%
HI	609	555	3,478	3,239	2,726	585	1,300	1,469	13%	79%
IA	17,616	17,132	17,939	18,670	20,548	23,346	24,558	26,439	8%	6%
ID	2,518	2,992	3,164	1,999	1,794	3,295	3,326	3,321	0%	9%
IL	30,092	30,373	37,718	41,546	51,060	53,932	74,236	72,934	-2%	14%
IN	9,694	8,790	8,154	9,232	8,235	8,939	7,834	8,307	6%	-2%
KS	1,443	2,830	2,597	2,716	6,688	7,152	5,865	5,364	-9%	31%
KY	20,326	20,280	22,916	23,168	24,636	23,702	22,415	22,948	2%	2%
LA	10,751	14,371	10,560	10,836	11,051	11,662	12,187	11,442	-6%	2%
MA	26,000	25,000	22,865	20,177	19,521	16,498	17,875	17,591	-2%	-5%
MD	6,696	7,469	7,639	3,291	3,598	1,245	4,393	4,176	-5%	21%
ME	6,947	5,515	3,234	3,050	3,140	2,875	2,986	3,695	24%	-7%
MI	7,286	4,145	4,772	5,720	8,301	7,080	6,573	6,551	0%	2%
MN	8,433	9,488	8,894	7,878	5,174	5,349	5,229	5,965	14%	-3%
MO	5,997	6,242	6,043	6,806	7,237	7,246	7,739	7,033	-9%	3%
MS	5,228	5,639	7,812	9,283	10,351	14,535	9,394	9,036	-4%	11%
MT	982	820	571	540	456	473	442	414	-6%	-11%
NC	10,665	11,590	12,468	32,487	33,206	35,871	38,670	40,313	4%	28%
ND	963	1,092	257	205	803	899	521	813	56%	33%
NE	2,738	4,350	4,812	5,193	5,602	5,532	7,539	7,700	2%	17%
NH	9,684	9,408	1,953	2,177	2,300	2,389	2,841	2,694	-5%	-7%
NJ	14,433	12,910	4,541	10,219	10,896	11,322	11,136	12,653	14%	10%
NM	4,206	4,518	530	487	609	391	431	447	4%	-12%
NV	350	400	1,453	1,455	1,551	794	1,294	1,108	-14%	41%
NY	111,014	103,402	93,517	92,715	89,844	110,910	109,244	111,698	2%	1%
OH	26,523	45,953	32,810	34,868	89,857	96,408	31,171	32,215	3%	22%
OK	3,187	3,423	3,630	3,735	3,006	3,841	5,129	5,233	2%	9%
OR	756	889	1,719	2,245	1,165	1,010	819	650	-21%	6%
PA	11,579	8,601	24,160	36,381	8,071	9,171	9,359	10,679	14%	23%
RI	3,227	1,805	2,847	1,000	1,365	1,588	1,658	1,546	-7%	0%
SC	10,256	9,267	8,825	11,100	7,849	7,006	7,062	7,598	8%	-3%
SD	5,480	5,212	4,729	4,963	5,013	5,236	5,103	5,036	-1%	-1%
TN	5,560	5,733	5,616	6,300	7,648	12,655	12,539	11,875	-5%	13%
TX	78,061	104,292	129,559	157,095	186,870	170,881	187,099	192,421	3%	15%
UT	1,135	1,370	1,476	759	1,488	2,214	2,121	1,976	-7%	16%
VA	6,374	6,031	4,970	4,468	3,831	2,890	3,299	4,055	23%	-5%
VT	3,120	3,271	3,376	3,434	3,501	3,611	3,854	3,842	0%	3%
WA	3,950	3,501	3,818	3,410	3,231	2,858	3,597	3,702	3%	0%
WI	7,526	7,664	6,765	6,180	5,903	7,006	7,430	6,742	-9%	-1%
WV	1,626	1,656	1,785	1,749	1,865	1,754	1,954	1,803	-8%	2%
WY	424	430	476	514	559	536	565	569	1%	4%

Source: Kaiser Commission and UCSF analysis of Medicaid Home Health Policy Survey.

Table 1C: Medicaid Personal Care Services Participants, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	528,412	578,207	582,298	683,067	720,385	769,753	921,269	881,762	-4%	8%
AK	1,242	1,456	1,584	1,955	2,742	4,679	4,960	4,807	-3%	23%
AL										
AR	18,358	17,716	16,823	15,870	15,499	15,503	15,452	15,160	-2%	-3%
AZ										
CA	176,822	211,619	203,345	283,750	288,000	295,049	313,893	329,893	5%	10%
CO										
CT										
DC	1,624	1,625	1,649	1,710	2,352	2,432	2,522	2,498	-1%	7%
DE	0	0	0	0	0	0	0	0	0%	0%
FL	8,517	9,463	10,515	14,791	14,659	14,718	13,980	12,253	-12%	6%
GA										
HI										
IA										
ID	2,196	1,921	1,823	2,253	3,377	3,614	3,601	4,134	15%	11%
IL										
IN										
KS										
KY										
LA						2,338	6,587	8,324	26%	
MA	3,718	5,666	6,938	9,000	10,570	11,716	13,767	14,834	8%	23%
MD	4,627	4,677	4,704	4,832	4,743	4,603	4,643	4,474	-4%	0%
ME	1,092	1,289	1,388	1,894	6,627	7,861	7,965	8,362	5%	48%
MI	43,394	46,309	47,920	51,425	53,351	54,986	55,158	56,210	2%	4%
MN	7,111	7,317	7,773	7,506	6,302	8,329	9,940	10,236	3%	6%
MO	36,575	39,203	41,111	43,964	44,835	49,295	49,481	47,435	-4%	4%
MS										
MT	2,765	2,794	2,925	2,996	2,864	2,990	3,127	3,117	0%	2%
NC	9,085	11,236	12,667	27,064	34,058	41,911	50,818	53,141	5%	32%
ND				450	450	777	1,362	1,896	39%	47%
NE	862	1,109	1,168	1,208	1,301	1,356	1,549	1,680	8%	10%
NH	122	124	38	35	26	25	25	21	-16%	-17%
NJ	19,704	20,592	15,639	16,430	17,707	18,987	20,884	21,198	2%	2%
NM		883	3,170	6,357	8,960	9,525	9,614	10,477	9%	69%
NV	491	449	795	1,501	2,038	4,408	4,991	5,738	15%	48%
NY	89,577	88,788	88,370	84,879	83,846	85,613	84,270	82,038	-3%	-1%
OH										
OK	6,159	7,473	7,011	10,000	7,000	10,451	6,294	4,559	-28%	1%
OR	1,265	2,070	2,678	1,920	2,376	4,495	5,086	4,915	-3%	27%
PA										
RI	0	0	0	0	0	0	0	0	0%	0%
SC										
SD	886	994	1,015	1,057	948	923	901	936	4%	1%
TN										
TX	67,661	70,284	77,824	62,366	66,967	71,381	187,099	126,952	-32%	20%
UT	181	279	318	348	450	1,787	1,755	1,674	-5%	57%
VA										
VT				1,563	1,222	1,543	1,896	2,116	12%	10%
WA	7,625	6,514	7,208	11,000	21,436	22,390	22,738	23,988	5%	22%
WI	11,067	10,508	10,587	10,408	10,474	11,123	12,540	13,255	6%	3%
WV	5,686	5,849	5,312	4,535	5,205	4,945	4,371	5,441	24%	0%
WY										8%

Notes:

Personal care services are an optional benefit. In 2006, 31 states reported personal care services participants. Blank cells mean no program offered. Two states (DE and RI) were approved by CMS to offer personal care services but did not report participants during the period.

Source: Kaiser Commission and UCSF analysis of Medicaid Personal Care Services Policy Survey.

Table 1D: Medicaid 1915(c) HCBS Waivers Participants, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	687,982	769,723	841,209	923,683	982,608	1,013,269	1,062,789	1,107,358	4%	7%
AK	1,646	2,229	2,738	3,141	3,337	3,291	3,565	3,755	5%	13%
AL	10,155	10,241	11,531	12,227	13,190	13,378	13,573	14,428	6%	5%
AR	10,021	10,407	11,447	11,355	11,235	11,825	11,934	12,894	8%	4%
AZ										
CA	41,848	44,543	50,655	59,972	69,074	72,400	80,224	75,766	-6%	9%
CO	19,927	22,190	23,925	25,504	26,289	25,995	22,576	27,101	20%	5%
CT	13,815	14,819	15,779	16,639	17,120	18,021	18,272	13,588	-26%	0%
DC	29	144	301	498	605	782	1,441	1,675	16%	103%
DE	1,589	1,770	2,056	2,269	2,470	2,561	2,642	2,757	4%	8%
FL	36,458	44,956	50,689	54,878	53,469	53,156	59,151	66,455	12%	9%
GA	16,626	16,715	20,802	24,686	24,686	24,686	24,686	24,236	-2%	6%
HI	1,937	2,261	2,913	3,308	3,551	4,058	4,363	4,591	5%	13%
IA	9,155	10,658	12,328	14,298	16,539	18,764	18,060	23,424	30%	15%
ID	1,551	3,852	5,592	6,502	7,850	8,918	9,625	9,906	3%	36%
IL	39,102	42,501	46,187	52,698	60,167	65,028	68,953	71,022	3%	9%
IN	4,336	4,938	5,206	6,989	11,366	13,474	13,484	13,964	4%	20%
KS	16,742	18,466	19,759	21,627	18,650	20,615	23,348	25,205	8%	6%
KY	14,457	15,745	17,406	18,486	17,878	15,361	14,922	14,557	-2%	0%
LA	3,757	4,557	5,102	5,435	7,207	12,462	9,414	9,204	-2%	17%
MA	16,208	17,578	17,969	17,825	18,105	17,998	19,026	20,302	7%	3%
MD	4,394	5,137	6,429	9,047	11,874	13,630	14,466	14,466	0%	19%
ME	3,716	3,820	3,840	3,946	4,196	4,184	4,061	4,034	-1%	1%
MI	15,161	19,533	21,774	17,639	17,232	17,835	17,544	17,439	-1%	3%
MN	19,059	22,921	30,767	35,225	40,101	42,327	44,156	48,802	11%	15%
MO	28,691	31,688	33,160	32,964	31,699	32,024	32,024	31,951	0%	2%
MS	3,015	4,640	10,850	12,561	13,262	14,413	14,540	13,943	-4%	31%
MT	2,494	2,890	3,036	3,169	3,205	3,840	3,997	4,028	1%	7%
NC	16,439	17,385	17,545	16,549	16,990	18,098	21,403	24,013	12%	6%
ND	2,206	2,320	2,456	2,516	2,873	3,483	3,628	3,692	2%	8%
NE	4,774	5,788	6,392	5,854	7,644	8,177	8,183	8,562	5%	9%
NH	3,973	4,343	4,838	5,374	5,697	5,703	4,903	5,113	4%	4%
NJ	13,479	14,325	15,929	16,641	19,517	16,664	17,359	17,366	0%	4%
NM	3,368	3,719	4,084	4,659	5,552	6,016	6,016	6,016	0%	9%
NV	2,053	2,448	2,744	3,083	3,325	3,605	3,880	4,241	9%	11%
NY	57,259	62,366	66,390	72,086	77,007	75,152	78,119	81,101	4%	5%
OH	33,863	34,801	30,567	39,613	43,971	47,581	52,110	56,651	9%	8%
OK	11,695	18,801	19,431	18,171	18,679	19,373	20,621	24,228	17%	13%
OR	31,623	34,893	37,482	41,392	39,820	36,982	37,291	36,520	-2%	2%
PA	16,946	23,014	31,033	35,707	40,102	44,726	50,579	52,958	5%	18%
RI	5,195	5,599	6,017	5,039	5,071	5,331	5,568	6,151	10%	3%
SC	20,024	20,558	20,663	20,495	19,917	20,113	20,341	19,655	-3%	0%
SD	2,607	2,527	3,031	3,177	3,294	3,610	3,550	3,698	4%	5%
TN	4,856	4,910	4,990	4,898	4,925	5,080	6,778	7,945	17%	8%
TX	35,281	40,703	40,935	49,863	55,315	49,363	53,709	62,940	17%	9%
UT	3,540	4,173	4,466	4,922	4,958	4,941	5,027	5,140	2%	6%
VA	16,243	15,677	15,525	16,142	16,597	17,646	19,436	20,466	5%	3%
VT	2,792	3,067	3,425	3,721	3,650	3,916	3,809			5%
WA	33,512	38,232	39,731	39,191	39,022	39,088	41,333	41,331	0%	3%
WI	22,989	23,516	22,091	30,680	32,771	35,811	37,085	38,053	3%	8%
WV	5,284	5,182	6,740	8,247	8,594	8,689	8,591	8,264	-4%	7%
WY	2,092	2,177	2,463	2,775	2,960	3,095	3,423	3,761	10%	9%

Notes: AZ did not operate an 1915(c) waiver over the study period because all HCBS were provided through a 1115 demonstration waiver. VT stopped its 1915(c) waivers in 2006 and provided services under a 1115 Global Commitment waiver.

Source: Kaiser Commission and UCSF analysis of CMS Form 372.

Table 2A: Total Medicaid HCBS Expenditures, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave. % change
Total	\$17,191,159,864	\$19,441,712,416	\$22,080,281,206	\$25,096,237,977	\$28,266,634,235	\$32,111,393,148	\$35,273,509,046	\$38,131,465,894	8%	12%
AK	45,354,603	60,668,035	82,342,961	108,675,096	145,679,182	154,531,603	156,193,181	166,069,976	6%	21%
AL	151,379,502	157,186,412	167,443,330	208,950,350	212,282,000	237,214,211	273,706,696	297,305,174	9%	10%
AR	131,108,700	134,880,377	156,687,033	161,753,874	163,560,431	177,833,534	203,467,292	236,124,204	16%	9%
AZ	279,373,001	291,851,598	337,986,311	429,912,053	502,729,562	571,602,786	642,134,311	694,692,383	8%	14%
CA	1,872,821,444	2,200,718,334	2,717,657,118	2,923,983,809	3,598,497,867	4,024,635,957	4,415,655,987	4,994,201,304	13%	15%
CO	269,941,242	344,787,435	386,343,329	422,691,842	459,336,759	464,007,995	433,851,081	474,597,330	9%	9%
CT	489,485,893	521,869,339	574,720,005	619,224,038	669,221,314	677,714,199	701,998,029	336,906,774	-52%	-2%
DC	13,583,477	14,352,419	15,456,361	20,131,053	26,774,769	31,255,169	38,495,902	50,041,035	30%	21%
DE	41,452,591	45,623,139	52,706,270	56,240,464	63,121,400	67,340,868	74,056,017	86,786,388	17%	11%
FL	317,211,333	417,181,845	600,582,595	725,879,503	813,748,583	919,013,161	1,001,616,503	1,111,756,536	11%	20%
GA	179,626,943	201,434,029	220,292,847	314,867,191	320,869,839	323,004,902	332,942,801	393,650,751	18%	13%
HI	35,781,922	43,466,894	58,298,561	72,492,240	78,699,481	108,280,113	120,841,624	128,630,427	6%	21%
IA	131,940,852	152,718,538	182,056,614	214,269,060	251,675,258	285,540,027	352,321,149	399,041,701	13%	17%
ID	41,236,756	57,217,545	76,002,328	90,381,223	112,676,988	134,245,371	146,762,837	152,223,708	4%	21%
IL	346,485,656	389,705,482	486,669,111	574,527,277	680,919,272	763,480,105	861,360,464	892,714,108	4%	15%
IN	132,015,293	152,777,006	107,738,424	245,868,088	372,148,363	471,503,989	488,512,720	496,083,337	2%	28%
KS	241,349,904	278,416,722	302,162,352	321,911,865	346,806,799	364,019,070	368,828,719	398,078,482	8%	7%
KY	159,830,708	197,041,417	232,773,860	252,313,712	249,305,892	245,137,580	277,331,722	593,918,424	114%	25%
LA	96,557,594	104,425,978	151,158,394	169,477,083	201,611,716	496,159,079	628,980,056	609,144,058	-3%	36%
MA	583,137,929	653,597,435	714,635,538	772,989,266	816,117,057	884,524,974	951,012,870	1,033,916,090	9%	9%
MD	227,115,049	251,869,746	282,708,591	286,278,982	375,900,068	460,525,684	516,094,476	532,772,084	3%	13%
ME	139,401,524	150,670,026	163,050,532	192,328,168	234,802,021	274,236,809	278,492,687	305,567,931	10%	12%
MI	499,086,768	685,508,213	650,573,808	667,412,435	583,489,354	656,392,899	663,682,498	667,402,640	1%	5%
MN	598,479,361	741,371,315	869,179,708	1,112,926,385	1,145,026,341	1,222,684,033	1,374,385,641	1,507,419,557	10%	14%
MO	345,147,476	399,206,258	449,481,127	511,812,468	570,760,614	580,070,961	621,729,378	636,229,709	2%	9%
MS	21,044,052	32,530,467	58,524,672	87,631,259	95,938,167	132,325,334	141,184,370	124,415,518	-12%	32%
MT	60,696,538	70,340,045	78,382,219	85,252,663	88,122,144	97,642,250	105,414,423	111,499,052	6%	9%
NC	463,609,045	558,075,236	592,558,621	708,833,976	738,980,537	803,020,762	943,140,165	991,646,581	5%	12%
ND	43,787,296	49,531,352	52,597,980	57,422,566	60,710,662	71,566,122	75,530,923	82,644,278	9%	10%
NE	100,011,740	121,727,696	145,614,364	150,870,672	181,539,948	195,652,635	215,597,233	226,641,718	5%	13%
NH	124,053,331	126,288,174	139,927,822	146,442,215	153,023,854	157,268,040	161,011,468	169,084,369	5%	5%
NJ	537,005,449	558,205,043	604,818,677	630,458,367	741,789,587	716,998,696	760,659,698	765,032,808	1%	5%
NM	121,122,907	139,520,928	209,851,453	315,871,472	386,869,438	443,840,549	422,446,991	448,015,167	6%	22%
NV	19,999,536	26,912,584	39,621,561	55,810,256	61,185,626	87,594,093	95,279,846	144,649,222	52%	34%
NY	3,826,403,539	3,962,425,751	4,283,831,284	4,649,300,029	5,221,679,045	6,383,265,802	6,994,866,205	7,443,345,637	6%	10%
OH	409,361,603	474,154,911	393,421,441	631,433,786	890,302,433	979,106,140	1,026,816,800	1,245,786,562	21%	19%
OK	205,068,002	231,706,553	286,103,374	333,223,397	336,358,287	317,825,224	355,883,819	409,070,258	15%	11%
OR	346,481,134	425,896,091	481,431,288	545,858,372	570,405,742	561,005,749	586,982,775	601,303,242	2%	8%
PA	626,666,677	735,018,352	927,575,342	1,151,315,230	1,184,355,031	1,313,385,823	1,479,376,550	1,726,101,330	17%	16%
RI	115,326,442	171,123,778	188,876,938	190,088,897	234,785,323	242,920,957	243,358,671	260,635,377	7%	13%

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave. % change
SC	166,177,132	196,655,802	219,147,679	258,992,320	266,240,281	276,384,268	289,973,671	282,894,463	-2%	8%
SD	53,700,190	57,883,684	62,643,276	68,208,356	72,998,267	85,156,465	78,788,057	88,650,922	13%	8%
TN	142,291,471	191,566,970	221,847,369	232,033,196	244,002,478	344,405,767	520,246,980	634,818,626	22%	25%
TX	996,324,778	1,052,417,524	1,250,884,507	1,219,590,440	1,285,929,840	1,725,338,259	1,957,449,662	2,067,139,666	6%	12%
UT	70,067,069	85,494,638	94,302,629	105,362,250	114,232,476	125,792,990	130,506,350	134,752,971	3%	10%
VA	218,233,875	247,890,100	283,226,518	331,032,037	363,474,313	361,373,278	428,205,981	529,172,446	24%	14%
VT	72,120,953	85,212,422	97,544,402	115,414,114	126,042,882	144,263,953	144,868,997	25,835,509	-82%	-1%
WA	412,495,194	481,003,669	552,663,949	607,335,239	754,188,684	725,306,765	851,518,511	929,432,009	9%	13%
WI	482,343,383	511,203,312	553,114,838	688,550,636	805,316,425	902,982,327	986,359,055	1,066,037,492	8%	12%
WV	141,359,599	150,528,685	169,878,918	190,140,071	215,465,860	239,216,629	264,715,212	332,365,708	26%	13%
WY	46,503,408	49,853,111	53,182,977	62,468,635	76,935,975	82,799,192	88,943,991	95,230,851	7%	11%

Notes: Total Medicaid HCBS comprises Medicaid Home Health, Medicaid Personal Care Services and Medicaid 1915(c) HCBS waivers.

Table 2B: Medicaid Home Health Expenditures, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	\$2,094,094,893	\$2,280,401,216	\$2,472,456,345	\$2,681,855,019	\$2,789,269,860	\$4,098,590,974	\$4,352,366,778	\$4,587,072,006	5%	13%
AK	736,927	708,268	718,783	582,373	847,971	745,169	842,140	596,425	-29%	-1%
AL	22,267,560	21,603,923	22,111,550	21,798,128	9,200,000	11,500,000	16,000,000	16,500,000	3%	1%
AR	14,030,833	12,355,265	11,527,798	10,096,036	9,850,412	12,639,824	13,140,257	13,199,366	0%	0%
AZ	279,373,001	291,851,598	337,986,311	429,912,053	502,729,562	571,602,786	642,134,311	694,692,383	8%	14%
CA	124,483,543	132,216,475	147,404,458	149,171,445	157,959,317	162,471,246	161,558,390	161,459,361	0%	4%
CO	60,380,594	67,351,024	81,976,321	85,568,256	96,765,246	99,363,747	75,370,236	90,877,099	21%	7%
CT	120,335,835	130,897,232	147,822,566	159,091,638	179,555,091	173,256,410	178,419,015	194,779,575	9%	7%
DC	4,109,948	4,061,100	2,793,585	10,469,694	12,151,247	12,477,553	12,900,296	13,316,435	3%	38%
DE	7,045,021	5,422,921	5,429,135	3,407,683	3,484,588	3,578,162	3,699,391	4,269,654	15%	-5%
FL	19,822,613	23,067,203	27,649,025	36,225,117	44,679,843	53,740,571	67,040,745	73,248,266	9%	21%
GA	14,797,553	11,584,279	10,622,527	14,315,705	13,535,479	7,417,488	6,663,172	6,861,224	3%	-8%
HI	1,600,000	2,070,000	6,941,385	7,878,713	27,055,755	821,594	2,052,407	2,659,653	30%	46%
IA	44,408,628	47,273,183	54,248,385	58,817,119	70,559,498	67,449,320	76,136,288	80,632,161	6%	9%
ID	5,693,600	7,100,000	7,000,000	3,696,123	3,447,052	6,361,557	6,773,303	7,504,200	11%	10%
IL	50,721,427	57,759,512	66,217,407	73,576,878	91,332,670	91,226,131	102,727,920	51,670,312	-50%	4%
IN	47,424,210	48,731,392	49,217,638	50,979,899	52,176,197	66,990,188	76,746,498	84,227,444	10%	9%
KS	1,083,308	4,920,334	5,993,886	8,469,246	40,788,180	40,332,525	16,570,270	16,359,837	-1%	105%
KY	62,506,928	75,034,667	80,392,026	73,973,550	58,123,840	54,133,985	52,478,633	54,985,680	5%	-1%
LA	18,587,304	20,777,201	21,537,213	23,876,862	26,816,397	293,604,900	292,748,291	287,191,362	-2%	147%
MA	81,400,000	67,955,390	65,000,000	65,259,754	66,544,443	64,057,397	62,885,534	64,745,167	3%	-3%
MD	49,100,000	52,100,000	58,100,000	3,039,841	2,633,317	2,522,558	2,690,828	2,590,535	-4%	-13%
ME	15,704,936	10,731,156	6,883,316	6,957,632	5,567,061	5,894,201	6,093,899	6,932,165	14%	-9%
MI	11,061,281	7,852,083	7,945,599	6,591,733	4,775,925	4,824,999	4,514,608	4,738,409	5%	-10%
MN	62,055,992	123,466,899	116,706,864	122,258,669	8,225,149	7,594,057	7,419,414	8,132,662	10%	1%
MO	8,096,906	8,228,555	7,810,903	4,990,941	6,133,801	5,339,312	7,112,690	6,640,760	-7%	0%
MS	6,188,836	7,116,857	10,915,766	13,005,819	14,697,688	28,883,417	19,289,258	12,392,854	-36%	18%
MT	1,340,000	760,000	782,078	778,164	538,554	494,040	487,735	446,627	-8%	-13%
NC	70,287,895	83,449,895	82,077,249	96,000,000	94,912,547	97,658,834	111,310,145	116,213,659	4%	8%
ND	2,693,488	3,224,290	2,719,445	2,232,992	3,026,389	4,944,273	4,924,828	5,255,508	7%	13%
NE	8,794,136	16,727,583	18,118,152	18,418,349	20,658,046	19,720,813	32,005,324	32,985,484	3%	25%
NH	5,200,000	4,300,000	2,903,300	2,828,131	3,027,804	3,205,486	3,883,831	3,323,130	-14%	-5%
NJ	75,455,240	55,742,434	49,068,815	35,800,000	36,607,938	37,590,995	38,864,591	42,633,878	10%	-7%
NM	1,943,102	1,849,000	1,638,000	1,082,000	637,793	314,941	385,628	451,038	17%	-15%
NV	2,500,000	3,000,000	6,174,866	5,619,075	6,135,552	2,217,551	4,324,634	2,969,842	-31%	18%
NY	575,984,205	607,673,981	634,792,137	660,137,875	704,235,427	1,342,916,050	1,424,463,030	1,496,560,322	5%	17%
OH	24,011,401	48,600,238	38,695,248	38,713,335	114,662,541	132,313,455	83,193,111	98,578,936	18%	39%
OK	1,265,559	923,562	1,008,937	1,253,470	4,157,614	5,411,159	7,741,957	8,994,437	16%	47%
OR	459,711	674,325	693,000	983,876	1,006,080	1,033,097	1,068,099	965,301	-10%	13%
PA	34,274,108	32,602,401	72,998,756	131,801,491	37,158,631	45,277,198	52,370,294	59,399,984	13%	26%
RI	5,650,676	3,956,975	3,337,686	3,033,322	3,114,110	3,631,995	3,755,048	3,426,523	-9%	-6%

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
SC	14,346,335	13,006,344	12,124,148	18,000,000	18,406,226	18,900,500	19,540,856	22,659,632	16%	8%
SD	4,078,450	4,091,645	3,893,210	3,954,763	4,044,014	4,152,611	4,293,303	3,956,523	-8%	0%
TN	13,534,588	16,728,506	18,846,241	21,999,779	33,818,209	69,345,932	136,076,374	195,438,503	44%	50%
TX	69,766,962	90,961,338	113,319,229	152,357,543	176,893,893	414,932,713	459,641,627	481,608,537	5%	37%
UT	3,741,527	4,024,093	4,875,634	1,469,759	2,908,401	8,801,033	9,216,678	9,556,659	4%	38%
VA	7,063,036	6,698,293	5,306,165	5,002,239	4,434,208	3,052,856	4,555,784	5,018,912	10%	-2%
VT	4,351,705	6,932,113	7,508,491	7,627,202	7,799,334	8,008,774	8,280,115	8,136,526	-2%	11%
WA	5,642,994	4,807,752	4,586,418	4,448,191	3,843,462	3,235,696	4,488,692	4,609,343	3%	-1%
WI	25,225,578	24,146,040	22,155,252	20,600,315	18,232,274	18,721,877	19,356,181	18,653,224	-4%	-4%
WV	2,365,565	2,149,068	2,902,982	2,536,393	2,593,635	2,663,283	2,753,516	2,563,231	-7%	2%
WY	1,101,847	1,134,822	978,359	1,165,848	1,231,450	1,216,714	1,377,602	1,463,258	6%	5%

Source: Kaiser Commission and UCSF analysis of Medicaid Home Health Policy Survey.

Table 2C: Medicaid Personal Care Services Expenditures, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	\$4,080,593,555	\$4,556,604,883	\$5,261,409,993	\$5,491,468,257	\$6,534,087,158	\$7,192,530,161	\$7,753,271,432	\$8,497,460,236	10%	11%
AK	6,333,583	7,665,915	8,333,607	13,753,180	39,328,012	40,384,113	41,752,342	40,326,532	-3%	40%
AL										
AR	60,787,103	57,862,615	57,417,047	53,367,081	52,311,420	53,920,302	61,133,807	59,891,616	-2%	0%
AZ										
CA	1,198,264,831	1,486,198,331	1,792,437,265	1,800,000,000	2,300,000,000	2,605,215,000	2,857,270,000	3,403,108,000	19%	16%
CO										
CT										
DC	9,422,005	9,918,300	10,976,890	6,320,357	10,283,304	10,559,448	10,917,206	10,123,663	-7%	5%
DE	0	0	0	0	0	0	0	0	0%	0%
FL	10,326,059	11,473,399	12,748,241	34,647,505	35,127,374	35,264,090	33,411,364	29,285,951	-12%	25%
GA										
HI										
IA										
ID	17,700,000	17,200,000	12,500,000	14,900,000	26,886,149	24,452,684	27,297,539	24,005,454	-12%	9%
IL										
IN										
KS										
KY										
LA	74,000,000	115,994,100	142,697,517	160,000,000	193,167,928	221,844,520	57,187,396	38,169,072	-33%	130%
MA	19,221,621	20,405,350	21,277,129	21,754,209	20,739,402	20,489,511	243,905,484	267,991,192	10%	21%
MD	4,216,295	4,913,640	5,042,374	10,703,251	27,291,222	44,915,946	20,594,541	21,475,374	4%	2%
ME							46,437,714	50,365,311	8%	52%
MI	166,445,124	179,393,239	219,564,610	220,628,101	249,444,958	254,154,819	237,291,585	218,774,776	-8%	4%
MN	106,332,005	117,182,849	129,754,550	131,834,917	116,529,285	121,767,212	180,595,587	186,421,251	3%	10%
MO	105,092,223	125,674,924	147,261,072	182,245,807	209,162,473	211,888,818	239,480,611	242,194,935	1%	13%
MS										
MT	17,627,260	19,201,331	20,348,283	23,929,583	21,300,000	21,900,000	24,957,691	25,306,327	1%	6%
NC	73,963,864	92,949,966	113,353,293	153,829,363	190,808,485	221,038,726	286,653,350	311,068,834	9%	23%
ND				1,960,000	2,004,233	4,555,927	5,314,206	10,949,487	106%	63%
NE	2,902,471	5,950,259	6,091,183	6,812,003	8,115,824	8,463,093	9,784,319	10,538,996	8%	24%
NH	2,554,884	2,900,000	685,648	797,312	653,552	498,912	510,956	472,197	-8%	-13%
NJ	179,817,007	190,780,706	199,241,618	232,115,600	280,035,241	263,183,683	269,283,351	254,337,493	-6%	5%
NM		5,055,523	52,373,383	126,436,727	159,391,546	180,888,366	150,525,877	167,269,434	11%	185%
NV	2,429,592	2,920,105	4,827,331	16,519,023	19,808,910	43,133,898	35,567,947	70,917,452	99%	78%
NY	1,464,026,040	1,520,556,019	1,571,618,449	1,709,273,337	1,796,653,275	1,930,721,116	2,045,068,149	2,124,420,834	4%	5%
OH										
OK	28,447,513	35,202,700	40,016,361	29,000,000	31,000,000	31,832,464	32,910,959	30,368,879	-8%	2%
OR	862,382	1,556,635	2,157,480	2,408,250	3,099,567	4,496,546	5,644,782	5,366,121	-5%	32%
PA										
RI	0	0	0	0	0	0	0	0	0%	0%

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
SC	855,128	845,252	1,195,058	1,174,155	1,321,017	1,336,531	1,336,705	1,569,845	17%	10%
SD										
TN										
TX	377,362,681	382,120,135	509,872,132	315,237,716	374,444,269	417,972,927	459,641,627	482,079,361	5%	6%
UT	292,587	476,609	580,856	661,353	846,589	1,271,532	1,082,312	1,204,294	11%	25%
VA										
VT				6,103,996	8,511,412	11,744,955	15,743,720	17,698,983	12%	31%
WA	53,300,000	39,500,000	51,600,000	83,200,000	215,675,176	238,676,921	195,429,801	222,685,553	14%	33%
WI	69,296,679	74,353,907	100,696,997	105,597,753	113,296,271	123,839,364	128,035,086	136,936,461	7%	11%
WV	28,714,618	28,353,074	26,741,619	26,257,678	26,850,264	27,571,292	28,505,417	32,136,558	13%	2%
WY										

Notes: Personal care services are an optional benefit. In 2006, 31 states reported personal care services expenditures. Blank cells mean no program offered. Two states (DE and RI) were approved by CMS to offer personal care services but did not report expenditures during the period.
Source: Kaiser Commission and UCSF analysis of Medicaid Personal Care Services Policy Survey.

Table 2D: Medicaid 1915(c) HCBS Waivers Expenditures, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	\$11,016,471,417	\$12,604,706,317	\$14,346,414,868	\$16,922,914,701	\$18,943,277,216	\$20,820,272,012	\$23,167,870,836	\$25,046,933,651	8%	12%
AK	38,284,093	52,293,852	73,290,571	94,339,543	105,503,199	113,402,321	113,598,699	125,137,019	10%	19%
AL	129,111,942	135,582,489	145,331,780	187,152,222	203,082,000	225,714,211	257,706,696	280,805,174	9%	12%
AR	56,290,764	64,662,497	87,742,188	98,290,757	101,398,599	111,273,408	129,193,228	163,033,222	26%	17%
AZ										
CA	550,073,070	582,303,528	777,815,395	974,812,364	1,140,538,550	1,256,949,711	1,396,827,597	1,429,633,943	2%	15%
CO	209,560,648	277,436,411	304,367,008	337,123,586	362,571,513	364,644,248	358,480,845	383,720,231	7%	9%
CT	369,150,058	390,972,107	426,897,439	460,132,400	489,666,223	504,457,789	523,579,014	142,127,199	-73%	-5%
DC	51,524	373,019	1,685,886	3,341,002	4,340,218	8,218,168	14,678,400	26,600,937	81%	193%
DE	34,407,570	40,200,218	47,277,135	52,832,781	59,636,812	63,762,706	70,356,626	82,516,734	17%	13%
FL	287,062,661	382,641,243	560,185,329	655,006,881	733,941,366	830,008,500	901,164,394	1,009,222,319	12%	20%
GA	164,829,390	189,849,750	209,670,320	300,551,486	307,334,360	315,587,414	326,279,629	386,789,527	19%	14%
HI	34,181,922	41,396,894	51,357,176	64,613,527	75,993,726	107,458,519	118,789,217	125,970,774	6%	21%
IA	87,532,224	105,445,355	127,808,229	155,451,941	181,115,760	218,090,707	276,184,861	318,409,540	15%	20%
ID	17,843,156	32,917,545	56,502,328	71,785,100	82,343,787	103,431,130	112,691,995	120,714,054	7%	34%
IL	295,764,229	331,945,970	420,451,704	500,950,399	589,586,602	672,253,974	758,632,544	841,043,796	11%	16%
IN	84,591,083	104,045,614	58,520,786	194,888,189	319,972,166	404,513,801	411,766,222	411,855,893	0%	44%
KS	240,266,596	273,496,388	296,168,466	313,442,619	306,018,619	323,686,545	352,258,449	381,718,645	8%	7%
KY	97,323,780	122,006,750	152,381,834	178,340,162	191,182,052	191,003,595	224,853,089	538,932,744	140%	33%
LA	77,970,290	83,648,777	129,621,181	145,600,221	174,795,319	188,006,733	278,972,369	283,783,624	2%	22%
MA	427,737,929	469,647,945	506,938,021	547,729,512	556,404,686	598,623,057	644,221,852	701,179,731	9%	7%
MD	158,793,428	179,364,396	203,331,462	261,484,932	352,527,349	437,513,615	492,809,107	508,706,175	3%	19%
ME	119,480,293	135,025,230	151,124,842	174,667,285	201,943,738	223,426,662	225,961,074	248,270,455	10%	11%
MI	321,580,363	498,262,891	423,063,499	440,192,601	329,268,471	397,413,081	421,876,305	443,889,455	5%	7%
MN	430,091,364	500,721,567	622,718,294	858,832,799	1,020,271,907	1,093,322,764	1,186,370,640	1,312,865,644	11%	18%
MO	231,958,347	265,302,779	294,409,152	324,575,720	355,464,340	362,842,831	375,136,077	387,394,014	3%	8%
MS	14,855,216	25,413,610	47,608,906	74,625,440	81,240,479	103,441,917	121,895,112	112,022,664	-8%	37%
MT	41,729,278	50,378,714	57,251,858	60,544,916	66,283,590	75,248,210	79,968,997	85,746,098	7%	11%
NC	319,357,286	381,675,375	397,128,079	459,004,613	453,259,505	484,323,202	545,176,670	564,364,088	4%	9%
ND	41,093,808	46,307,062	49,878,535	53,229,574	55,680,040	62,065,922	65,291,889	66,439,283	2%	7%
NE	88,315,133	99,049,854	121,405,029	125,640,321	152,766,077	167,468,729	173,807,590	183,117,238	5%	11%
NH	116,298,447	119,088,174	136,338,874	142,816,772	149,342,498	153,563,642	156,616,681	165,289,042	6%	5%
NJ	281,733,202	311,681,903	356,508,244	362,542,767	425,146,408	416,224,018	452,511,756	468,061,437	3%	8%
NM	119,179,805	132,616,405	155,840,070	188,352,745	226,940,099	262,637,242	271,535,486	280,294,695	3%	13%
NV	15,069,944	20,992,479	28,619,364	33,672,158	35,241,164	42,242,644	55,387,265	70,761,928	28%	25%
NY	1,786,393,294	1,834,195,751	2,077,420,698	2,279,888,817	2,720,790,343	3,109,628,636	3,525,335,026	3,822,364,481	8%	12%
OH	385,350,202	425,554,673	354,726,193	592,720,451	775,639,892	846,792,685	943,623,689	1,147,207,626	22%	19%
OK	175,354,930	195,580,291	245,078,076	302,969,927	301,200,673	280,581,601	315,230,903	369,706,942	17%	12%
OR	345,159,041	423,665,131	478,580,808	542,466,246	566,300,095	555,476,106	580,269,894	594,971,820	3%	8%
PA	592,392,569	702,415,951	854,576,586	1,019,513,739	1,147,196,400	1,268,108,625	1,427,006,256	1,666,701,346	17%	16%

RI	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	7%	99-06 ave % change
SC	109,675,766	167,166,803	185,539,252	187,055,575	231,671,213	239,288,962	239,603,623	257,208,854			14%
SD	151,830,797	183,649,458	207,023,531	240,992,320	247,834,055	257,483,768	270,432,815	260,234,831		-4%	8%
SD	48,766,612	52,946,787	57,555,008	63,079,438	67,633,236	79,667,323	73,158,049	83,124,554		14%	8%
TN	128,756,883	174,838,464	203,001,128	210,033,417	210,184,269	275,059,835	384,170,606	439,380,123		14%	20%
TX	549,195,135	579,336,051	627,693,146	751,995,181	734,591,678	892,432,619	1,038,166,408	1,103,451,768		6%	11%
UT	66,032,955	80,993,936	88,846,139	103,231,138	110,477,486	115,720,425	120,207,360	123,992,018		3%	10%
VA	211,170,839	241,191,807	277,920,353	326,029,798	359,040,105	358,320,422	423,650,197	524,153,534		24%	14%
VT	67,769,248	78,280,309	90,035,911	101,682,916	109,732,136	124,510,224	120,845,162				10%
WA	353,552,200	436,695,917	496,477,531	519,687,048	534,670,046	483,394,148	651,600,018	702,137,113		8%	11%
WI	387,821,126	412,703,365	430,262,589	562,352,568	673,787,880	760,421,086	838,967,787	910,447,807		9%	13%
WV	110,279,416	120,026,543	140,234,317	161,346,000	186,021,962	208,982,054	233,456,279	297,665,919		28%	15%
WY	45,401,561	48,718,289	52,204,618	61,302,787	75,704,525	81,582,478	87,566,389	93,767,593		7%	11%

Notes: AZ does not operate a 1915(c) waiver because all HCBS are provided through a 1115 waiver. VT stopped its 1915(c) waivers in 2006 and provided services under a 1115 Global Commitment waiver.

Source: Kaiser Commission and UCSF analysis of CMS Form 372.

Table 3A: Total Medicaid HCBS Average Expenditures Per Person Served, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave. % change
Total	\$9,067	\$9,475	\$10,375	\$10,575	\$11,066	\$12,051	\$12,383	\$13,320	8%	6%
AK	13,312	15,270	17,967	20,397	22,888	18,747	17,691	18,853	7%	6%
AL	8,543	8,712	8,607	10,863	10,740	12,027	13,463	14,282	6%	8%
AR	3,413	3,638	4,293	4,700	4,882	5,235	5,954	6,832	15%	11%
AZ	16,204	15,212	15,159	17,416	18,251	19,096	20,583	21,469	4%	4%
CA	5,878	6,349	8,106	6,936	8,059	8,856	9,146	10,124	11%	9%
CO	9,980	11,918	11,896	12,326	13,665	13,540	13,877	12,992	-6%	4%
CT	12,371	12,669	13,555	15,967	17,587	17,172	17,539	9,409	-46%	-1%
DC	3,051	3,140	3,595	4,750	5,270	5,607	5,646	6,603	17%	12%
DE	15,302	16,560	16,850	17,262	16,637	16,180	18,196	20,546	13%	4%
FL	5,307	6,080	7,952	8,542	9,506	10,463	10,619	11,133	5%	11%
GA	6,920	8,249	7,837	9,395	9,013	8,548	8,603	11,941	39%	9%
HI	14,054	15,436	9,122	11,073	12,538	23,321	21,339	21,226	-1%	12%
IA	4,928	5,495	6,015	6,499	6,786	6,781	8,267	8,003	-3%	7%
ID	6,582	6,528	7,184	8,404	8,653	8,482	8,867	8,768	-1%	4%
IL	5,007	5,348	5,800	6,096	6,122	6,418	6,016	6,201	3%	3%
IN	9,410	11,129	8,064	15,157	18,986	21,037	22,916	22,275	-3%	17%
KS	13,272	13,074	13,516	13,224	13,687	13,110	12,625	13,022	3%	0%
KY	4,595	5,470	5,773	6,057	5,864	6,275	7,428	15,836	113%	24%
LA	6,655	5,517	9,651	10,416	11,042	18,750	22,311	21,027	-6%	22%
MA	12,697	13,548	14,959	16,446	16,933	19,141	18,769	19,609	4%	7%
MD	14,450	14,573	15,060	16,673	18,595	23,643	21,960	23,048	5%	7%
ME	11,859	14,182	19,269	21,634	16,816	18,380	18,551	18,990	2%	8%
MI	7,580	9,795	8,737	8,925	7,397	8,215	8,372	8,322	-1%	2%
MN	17,296	18,662	18,324	21,991	22,200	21,832	23,167	23,190	0%	5%
MO	4,843	5,176	5,597	6,112	6,813	6,550	6,967	7,362	6%	6%
MS	2,553	3,165	3,136	4,012	4,063	4,571	5,899	5,414	-8%	12%
MT	9,725	10,815	12,000	12,715	13,505	13,370	13,933	14,751	6%	6%
NC	12,811	13,879	13,884	9,315	8,771	8,375	8,505	8,442	-1%	-5%
ND	13,817	14,517	19,387	18,109	14,714	13,872	13,705	12,911	-6%	0%
NE	11,943	10,823	11,770	12,311	12,480	12,987	12,483	12,632	1%	1%
NH	9,003	9,102	20,490	19,304	19,073	19,375	20,725	21,600	4%	19%
NJ	11,278	11,671	16,750	14,564	15,415	15,264	15,405	14,937	-3%	5%
NM	15,992	15,298	26,959	27,460	25,585	27,858	26,303	26,447	1%	10%
NV	6,911	8,163	7,937	9,242	8,850	9,946	9,373	13,047	39%	10%
NY	14,840	15,566	17,254	18,621	20,829	23,496	25,751	27,083	5%	9%
OH	6,779	5,872	6,208	8,478	6,653	6,800	12,330	14,019	14%	15%
OK	9,746	7,802	9,514	10,444	11,726	9,441	11,106	12,024	8%	4%
OR	10,298	11,252	11,496	11,982	13,155	13,204	13,589	14,288	5%	5%
PA	21,969	23,249	16,806	15,971	24,585	24,368	24,682	27,124	10%	5%
RI	13,693	23,112	21,308	31,477	36,480	35,109	33,678	33,862	1%	17%
SC	5,488	6,594	7,432	8,197	9,589	10,192	10,582	10,380	-2%	10%
SD	5,985	6,628	7,139	7,416	7,887	8,717	8,247	9,168	11%	6%
TN	13,661	17,999	20,917	20,721	19,407	19,420	26,932	32,029	19%	14%
TX	5,504	4,889	5,037	4,528	4,160	5,916	4,574	5,407	18%	2%
UT	14,429	14,685	15,064	17,476	16,565	14,068	14,659	15,330	5%	1%
VA	9,649	11,419	13,819	16,062	17,793	17,597	18,835	21,580	15%	12%
VT	12,199	13,445	14,343	13,239	15,053	15,906	15,155	4,336	-71%	-7%
WA	9,149	9,970	10,888	11,331	11,842	11,274	12,584	13,466	7%	6%
WI	11,600	12,263	14,023	14,567	16,386	16,740	17,288	18,364	6%	7%
WV	11,223	11,865	12,277	13,085	13,755	15,546	17,747	21,432	21%	10%
WY	18,483	19,123	18,096	18,993	21,863	22,803	22,303	21,993	-1%	3%

Notes: Total Medicaid HCBS comprises Medicaid Home Health, Medicaid Personal Care Services and Medicaid 1915(c) HCBS waivers.

Table 3B: Medicaid Home Health Average Expenditures Per Person Served, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	\$3,081	\$3,240	\$3,509	\$3,500	\$3,277	\$4,649	\$5,035	\$5,251	4%	9%
AK	1,420	2,459	2,754	2,510	2,965	2,730	2,770	2,424	-12%	11%
AL	2,944	2,769	2,790	3,110	1,399	1,812	2,368	2,583	9%	3%
AR	1,398	1,380	1,401	1,404	1,455	1,903	1,936	2,029	5%	6%
AZ	16,204	15,212	15,159	17,416	18,251	19,096	20,583	21,469	4%	4%
CA	1,246	1,461	1,814	1,917	1,766	1,867	1,822	1,842	1%	6%
CO	8,480	9,991	9,587	9,736	13,208	12,008	8,676	9,637	11%	4%
CT	4,673	4,963	5,553	7,185	8,578	8,079	8,202	8,767	7%	10%
DC	1,468	1,449	1,189	5,157	5,721	5,287	4,518	3,910	-13%	41%
DE	6,290	5,506	5,064	3,446	2,632	2,235	2,591	2,910	12%	-9%
FL	1,340	1,625	1,930	2,367	2,557	2,692	3,163	3,463	9%	15%
GA	1,586	1,503	1,453	1,622	1,240	566	475	786	65%	-4%
HI	2,627	3,730	1,996	2,432	993	1,404	1,579	1,811	15%	4%
IA	2,521	2,759	3,024	3,150	3,434	2,889	3,100	3,050	-2%	3%
ID	2,261	2,373	2,212	1,849	1,921	1,931	2,036	2,260	11%	0%
IL	1,686	1,902	1,756	1,771	1,789	1,692	1,384	708	-49%	-9%
IN	4,892	5,544	6,036	5,522	6,336	7,494	9,797	10,139	3%	12%
KS	751	1,739	2,308	3,118	6,099	5,639	2,825	3,050	8%	35%
KY	3,075	3,700	3,508	3,193	2,359	2,284	2,341	2,396	2%	-3%
LA	1,729	1,446	2,040	2,203	2,427	25,176	24,021	25,100	4%	140%
MA	3,131	2,718	2,843	3,234	3,409	3,883	3,518	3,681	5%	3%
MD	7,333	6,975	7,606	924	732	2,026	613	620	1%	1%
ME	2,261	1,946	2,128	2,281	1,773	2,050	2,041	1,876	-8%	-2%
MI		1,894	1,665	1,152	575	681	687	723	5%	-11%
MN	7,359	13,013	13,122	15,519	1,590	1,420	1,419	1,363	-4%	-1%
MO	1,350	1,318	1,293	733	848	737	919	944	3%	-3%
MS	1,184	1,262	1,397	1,401	1,420	1,987	2,053	1,371	-33%	4%
MT	1,365	927	1,370	1,441	1,181	1,044	1,103	1,079	-2%	-1%
NC	6,591	7,200	6,583	2,955	2,858	2,723	2,878	2,883	0%	-8%
ND	2,797	2,953	10,581	10,893	3,769	5,500	9,453	6,464	-32%	41%
NE	3,212	3,845	3,765	3,547	3,688	3,565	4,245	4,284	1%	5%
NH	537	457	1,487	1,299	1,316	1,342	1,367	1,234	-10%	28%
NJ	5,228	4,318	10,806	3,503	3,360	3,320	3,490	3,369	-3%	9%
NM	462	409	3,091	2,222	883	805	895	1,009	13%	81%
NV	7,143	7,500	4,250	3,862	3,956	2,793	3,342	2,680	-20%	-11%
NY	5,188	5,877	6,788	7,120	7,838	12,108	13,039	13,398	3%	16%
OH	905	1,058	1,179	1,110	1,276	1,372	2,669	3,060	15%	22%
OK	397	270	278	336	1,383	1,409	1,509	1,719	14%	47%
OR	608	759	403	438	864	1,023	1,304	1,485	14%	20%
PA	2,960	3,791	3,021	3,623	4,604	4,937	5,596	5,562	-1%	11%
RI	1,751	2,192	1,172	3,033	2,281	2,287	2,265	2,216	-2%	16%
SC	1,399	1,404	1,374	1,622	2,345	2,698	2,767	2,982	8%	12%
SD	744	785	823	797	807	793	841	786	-7%	1%
TN	2,434	2,918	3,356	3,492	4,422	5,480	10,852	16,458	52%	34%
TX	894	872	875	970	947	2,428	2,457	2,503	2%	24%
UT	3,296	2,937	3,303	1,936	1,955	3,975	4,345	4,836	11%	12%
VA	1,108	1,111	1,068	1,120	1,157	1,056	1,381	1,238	-10%	2%
VT	1,395	2,119	2,224	2,221	2,228	2,218	2,148	2,118	-1%	7%
WA	1,429	1,373	1,201	1,304	1,190	1,132	1,248	1,245	0%	-2%
WI	3,352	3,151	3,275	3,333	3,089	2,672	2,605	2,767	6%	-2%
WV	1,455	1,298	1,626	1,450	1,391	1,518	1,409	1,422	1%	0%
WY	2,599	2,639	2,055	2,268	2,203	2,270	2,438	2,572	5%	0%

Source: Kaiser Commission and UCSF analysis of Medicaid Home Health Policy Survey.

Table 3C: Medicaid Personal Care Services Average Expenditures Per Person Served, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	\$7,722	\$7,881	\$9,036	\$8,039	\$9,070	\$9,344	\$8,416	\$9,637	15%	4%
AK	5,100	5,265	5,261	7,035	14,343	8,631	8,418	8,389	0%	14%
AL										
AR	3,311	3,266	3,413	3,363	3,375	3,478	3,956	3,951	0%	3%
AZ										
CA	6,777	7,023	8,815	6,344	7,986	8,830	9,103	10,316	13%	8%
CO										
CT										
DC	5,802	6,104	6,657	3,696	4,372	4,342	4,329	4,053	-6%	-3%
DE	0	0	0	0	0	0	0	0	0%	0%
FL	1,212	1,212	1,212	2,342	2,396	2,396	2,390	2,390	0%	14%
GA										
HI										
IA										
ID	8,060	8,954	6,857	6,613	7,962	6,766	7,581	5,807	-23%	-3%
IL										
IN										
KS										
KY										
LA						6,222	8,682	4,585	-47%	-4%
MA	19,903	20,472	20,568	17,778	18,275	18,935	17,717	18,066	2%	-1%
MD	4,154	4,363	4,523	4,502	4,373	4,451	4,436	4,800	8%	2%
ME	3,861	3,812	3,633	5,651	4,118	5,714	5,830	6,023	3%	10%
MI	3,836	3,874	4,582	4,290	4,676	4,622	4,302	3,892	-10%	1%
MN	14,953	16,015	16,693	17,564	18,491	14,620	18,169	18,212	0%	4%
MO	2,873	3,206	3,582	4,145	4,665	4,298	4,840	5,106	5%	9%
MS										
MT	6,375	6,872	6,957	7,987	7,437	7,324	7,981	8,119	2%	4%
NC	8,141	8,273	8,949	5,684	5,602	5,274	5,641	5,854	4%	-3%
ND				4,356	4,454	5,863	3,902	5,775	48%	12%
NE	3,367	5,365	5,215	5,639	6,238	6,241	6,317	6,273	-1%	11%
NH	20,942	23,387	18,043	22,780	25,137	19,956	20,438	22,486	10%	2%
NJ	9,126	9,265	12,740	14,128	15,815	13,861	12,894	11,998	-7%	5%
NM		5,725	16,522	19,889	17,789	18,991	15,657	15,965	2%	32%
NV	4,948	6,504	6,072	11,005	9,720	9,785	7,126	12,359	73%	20%
NY	16,344	17,126	17,785	20,138	21,428	22,552	24,268	25,896	7%	7%
OH										
OK	4,619	4,711	5,708	2,900	4,429	3,046	5,229	6,661	27%	14%
OR	682	752	806	1,254	1,305	1,000	1,110	1,092	-2%	9%
PA										
RI	0	0	0	0	0	0	0	0	0%	0%
SC										
SD	965	850	1,177	1,111	1,393	1,448	1,484	1,677	13%	9%
TN										
TX	5,577	5,437	6,552	5,055	5,591	5,856	2,457	3,797	55%	1%
UT	1,617	1,708	1,827	1,900	1,881	712	617	719	17%	-6%
VA										
VT				3,905	6,965	7,612	8,304	8,364	1%	24%
WA	6,990	6,064	7,159	7,564	10,061	10,660	8,595	9,283	8%	5%
WI	6,262	7,076	9,511	10,146	10,817	11,134	10,210	10,331	1%	8%
WV	5,050	4,848	5,034	5,790	5,159	5,576	6,521	5,906	-9%	3%
WY										

Notes: Personal care services are an optional benefit. In 2006, 31 states reported personal care services expenditures. Blank cells mean no program offered. Two states (DE and RI) were approved by CMS to offer personal care services but did not report expenditures during the period.

Source: Kaiser Commission and UCSF analysis of Medicaid Personal Care Services Policy Survey.

Table 3D: Medicaid 1915(c) HCBS Waivers Average Expenditures Per Person Served, by State, 1999-2006

	1999	2000	2001	2002	2003	2004	2005	2006	05-06 % change	99-06 ave % change
Total	\$16,013	\$16,376	\$17,055	\$18,321	\$19,279	\$20,548	\$21,799	\$22,619	4%	5%
AK	23,259	23,461	26,768	30,035	31,616	34,458	31,865	33,325	5%	5%
AL	12,714	13,239	12,604	15,306	15,397	16,872	18,987	19,463	3%	7%
AR	5,617	6,213	7,665	8,656	9,025	9,410	10,826	12,644	17%	12%
AZ										
CA	13,145	13,073	15,355	16,254	16,512	17,361	17,412	18,869	8%	5%
CO	10,516	12,503	12,722	13,218	13,792	14,027	15,879	14,159	-11%	5%
CT	26,721	26,383	27,055	27,654	28,602	27,993	28,655	10,460	-63%	-8%
DC	1,777	2,590	5,601	6,709	7,174	10,509	10,186	15,881	56%	41%
DE	21,654	22,712	22,995	23,285	24,144	24,898	26,630	29,930	12%	5%
FL	7,874	8,511	11,051	11,936	13,726	15,615	15,235	15,187	0%	10%
GA	9,914	11,358	10,079	12,175	12,450	12,784	13,217	15,959	21%	8%
HI	17,647	18,309	17,630	19,533	21,401	26,481	27,226	27,439	1%	7%
IA	9,561	9,894	10,367	10,872	10,951	11,623	15,293	13,593	-11%	6%
ID	11,504	8,546	10,104	11,040	10,490	11,598	11,708	12,186	4%	2%
IL	7,564	7,810	9,103	9,506	9,799	10,338	11,002	11,842	8%	7%
IN	19,509	21,070	11,241	27,885	28,152	30,022	30,537	29,494	-3%	16%
KS	14,351	14,811	14,989	14,493	16,409	15,702	15,087	15,145	0%	1%
KY	6,732	7,749	8,755	9,647	10,694	12,434	15,069	37,022	146%	33%
LA	20,753	18,356	25,406	26,789	24,254	15,086	29,634	30,833	4%	12%
MA	26,391	26,718	28,212	30,728	30,732	33,261	33,860	34,537	2%	4%
MD	36,139	34,916	31,627	28,903	29,689	32,099	34,067	35,166	3%	0%
ME	32,153	35,347	39,355	44,264	48,128	53,400	55,642	61,544	11%	10%
MI	21,211	25,509	19,430	24,956	19,108	22,283	24,047	25,454	6%	5%
MN	22,566	21,846	20,240	24,381	25,443	25,830	26,868	26,902	0%	3%
MO	8,085	8,372	8,878	9,846	11,214	11,330	11,714	12,125	4%	6%
MS	4,927	5,477	4,388	5,941	6,126	7,177	8,383	8,034	-4%	9%
MT	16,732	17,432	18,858	19,105	20,681	19,596	20,007	21,288	6%	4%
NC	19,427	21,954	22,635	27,736	26,678	26,761	25,472	23,502	-8%	3%
ND	18,628	19,960	20,309	21,156	19,380	17,820	17,997	17,995	0%	0%
NE	18,499	17,113	18,993	21,462	19,985	20,480	21,240	21,387	1%	2%
NH	29,272	27,421	28,181	26,576	26,214	26,927	31,943	32,327	1%	2%
NJ	20,902	21,758	22,381	21,786	21,783	24,977	26,068	26,953	3%	4%
NM	35,386	35,659	38,159	40,428	40,875	43,656	45,136	46,592	3%	4%
NV	7,340	8,575	10,430	10,922	10,599	11,718	14,275	16,685	17%	13%
NY	31,198	29,410	31,291	31,627	35,332	41,378	45,128	47,131	4%	6%
OH	11,380	12,228	11,605	14,963	17,640	17,797	18,108	20,250	12%	9%
OK	14,994	10,403	12,613	16,673	16,125	14,483	15,287	15,259	0%	2%
OR	10,915	12,142	12,768	13,106	14,221	15,020	15,561	16,292	5%	6%
PA	34,958	30,521	27,538	28,552	28,607	28,353	28,213	31,472	12%	-1%
RI	21,112	29,857	30,836	37,122	45,686	44,886	43,032	41,816	-3%	11%
SC	7,582	8,933	10,019	11,759	12,443	12,802	13,295	13,240	0%	8%
SD	18,706	20,952	18,989	19,855	20,532	22,069	20,608	22,478	9%	3%
TN	26,515	35,609	40,682	42,881	42,677	54,146	56,679	55,303	-2%	12%
TX	15,566	14,233	15,334	15,081	13,280	18,079	19,329	17,532	-9%	3%
UT	18,653	19,409	19,894	20,973	22,283	23,420	23,912	24,123	1%	4%
VA	13,001	15,385	17,901	20,198	21,633	20,306	21,797	25,611	17%	10%
VT	24,273	25,523	26,288	27,327	30,064	31,795	31,726			5%
WA	10,550	11,422	12,496	13,260	13,702	12,367	15,765	16,988	8%	8%
WI	16,870	17,550	19,477	18,330	20,560	21,234	22,623	23,926	6%	5%
WV	20,870	23,162	20,806	19,564	21,646	24,051	27,175	36,020	33%	9%
WY	21,702	22,379	21,196	22,091	25,576	26,359	25,582	24,932	-3%	2%

Notes: AZ does not operate a 1915(c) waiver because all HCBS are provided through a 1115 waiver. VT stopped its 1915(c) waivers in 2006 and provided services under a 1115 Global Commitment waiver.

Source: Kaiser Commission and UCSF analysis of CMS Form 372.

Table 4: National HCBS Waivers Participants, Expenditures, and Expenditures per Participant by Waiver Type, 2005 and 2006

Waiver Type	Participants			Expenditures (\$) (in thousands)			Expenditures per Participant (\$)		
	2005	2006	% Change	2005	2006	% Change	2005	2006	% Change
Total	1,062,789	1,107,358	4%	23,167,871	25,046,934	8%	21,799	22,619	4%
MR/DD	433,462	443,058	2%	17,108,904	18,144,257	6%	39,470	40,952	4%
Aged	113,448	125,119	10%	953,115	1,120,303	18%	8,401	8,954	7%
Aged/Disabled	413,198	429,096	4%	3,648,837	4,138,188	13%	8,831	9,644	9%
Physically Disabled	57,885	62,616	8%	859,602	994,439	16%	14,850	15,882	7%
Children	18,075	20,479	13%	200,924	219,798	9%	11,116	10,733	-3%
HIV/AIDS	14,258	13,332	-6%	58,192	50,526	-13%	4,081	3,790	-7%
Mental Health	1,872	1,979	6%	8,800	15,072	71%	4,701	7,616	62%
TBI/SCI	10,591	11,679	10%	329,496	364,351	11%	31,111	31,197	0%

Source: Kaiser Commission and UCSF analysis of CMS Form 372.

Table 5: Medicaid 1915(c) Waiver Participants, by Type of Waiver, 2006

	Number of Waivers	MR/DD	Aged	Aged/ Disabled	Physically Disabled	Children	HIV/AIDS	Mental Health	TBI/SCI	Total Participants
Total	269	443,058	125,119	429,096	62,616	20,479	13,332	1,979	11,679	1,107,358
AK	4	1,015	1,516		1,004	220				3,755
AL	5	5,325		8,533	570					14,428
AR	4	3,404	7,217	220	2,053					12,894
CA	7	57,973		14,026	1,272		2,495			75,766
CO	9	7,547		16,189		1,032	61	1,979	293	27,101
CT	4	213		12,393	656				326	13,588
DC	3	803		868			4			1,675
DE	4	775	217	1,117			648			2,757
FL	12	30,425	9,106	20,712	2	5	5,922		283	66,455
GA	5	8,888		14,534		166			648	24,236
HI	5	2,242		2,247		48	54			4,591
IA	6	12,183	9,732		686		49		774	23,424
ID	4	2,016		7,871					19	9,906
IL	7	13,145	29,315	3,962	18,878	608	1,513		3,601	71,022
IN	8	9,660		4,052		121			131	13,964
KS	6	7,045	8,129		7,268	2,523			240	25,205
KY	4	2,659		11,736	64				98	14,557
LA	4	4,678		3,748		778				9,204
MA	3	12,090	8,122						90	20,302
MD	6	9,663	3,284		430	873	204		12	14,466
ME	3	2,635		1,182	217					4,034
MI	3	8,073		8,938		428				17,439
MN	5	14,813	20,248		12,369				1,372	48,802
MO	7	8,119		23,233	511		88			31,951
MS	5	1,818		10,541	1,040				544	13,943
MT	3	2,175			1,853					4,028
NC	5	8,603		14,670		650	90			24,013
ND	3	3,323		340					29	3,692
NE	7	3,310		4,950		276			26	8,562
NH	4	2,191	2,804						118	5,113
NJ	6	9,598		6,691	261		502		314	17,366
NM	4	3,363		2,442		173	38			6,016
NV	5	1,416	2,181	78	566					4,241
NY	8	54,395		22,537		2,723			1,446	81,101
OH	6	17,581		31,944	7,126					56,651
OK	5	4,623		19,075		530				24,228
OR	5	9,333		27,095		92				36,520
PA	11	22,701	20,703		4,867	4,085	353		249	52,958
RI	7	3,171	873	1,998	109					6,151
SC	6	5,089		12,809	48		1,212		497	19,655
SD	4	2,668	915		115					3,698
TN	5	6,306		1,639						7,945
TX	9	15,900		45,325	141	1,574				62,940
UT	5	4,027	757		128	136			92	5,140
VA	6	7,006		12,979	382		99			20,466
WA	7	10,082		31,249						41,331
WI	8	14,037		21,067		2,615			334	38,053
WV	2	3,741		4,523						8,264
WY	5	1,212		1,583		823			143	3,761

Notes: MR/DD is Mental Retardation/Developmentally Disabled, HIV/AIDS is Human Immunodeficiency Virus/
Acquired Immunodeficiency Syndrome and TBI/SCI is Traumatic Brain and Spinal Cord Injury.

Blank cell means state offers no waiver for that target group.

Source: Kaiser Commission and UCSF analysis of CMS Form 372.

Table 6: Medicaid 1915(c) Waiver Expenditures by Type of Waiver, 2006

	Number of Waivers	MR/DD	Aged	Aged/ Disabled	Phys. Disabled	Children	HIV/ AIDS	Mental Health	TBI/ SCI	Total Exp.
(in thousands)										
Total	269	\$18,144,257	\$1,120,303	\$4,138,188	\$994,439	\$219,798	\$50,526	\$15,072	\$364,351	\$25,046,934
AK	4	68,933	30,973		16,258	8,973				125,137
AL	5	210,874		63,336	6,596					280,805
AR	4	94,912	38,821	388	28,913					163,033
CA	7	1,313,520		44,019	61,992		10,104			1,429,634
CO	9	251,945		106,536		653	486	15,072	9,028	383,720
CT	4	022		103,440	12,974				25,691	142,127
DC	3	17,709		8,891			000			26,601
DE	4	63,892	1,509	14,423			2,692			82,517
FL	12	730,644	129,301	135,663	1	026	7,684		5,903	1,009,222
GA	5	224,249		130,082		7,016			25,443	386,790
HI	5	83,407		40,360		1,795	409			125,971
IA	6	262,024	42,583		2,382		371		11,049	318,410
ID	4	55,109		64,327					1,277	120,714
IL	7	402,683	144,779	46,556	186,797	2,358	15,330		42,541	841,044
IN	8	377,167		30,132		1,165			3,391	411,856
KS	6	228,281	57,562		88,728	1,545			5,603	381,719
KY	4	165,155		361,194	5,848				6,736	538,933
LA	4	238,156		38,474		7,154				283,784
MA	3	658,048	38,248						4,884	701,180
MD	6	413,239	63,890		13,681	15,872	957		1,067	508,706
ME	3	226,421		15,815	6,035					248,270
MI	3	355,687		77,163		11,040				443,889
MN	5	875,000	178,524		190,376				68,965	1,312,866
MO	7	293,879		86,794	5,389		1,332			387,394
MS	5	36,523		56,329	11,049				8,121	112,023
MT	3	62,992			22,754					85,746
NC	5	274,995		262,579		25,296	1,495			564,364
ND	3	65,094		556					789	66,439
NE	7	121,538		48,703		12,143			733	183,117
NH	4	132,280	26,194						6,814	165,289
NJ	6	374,189		59,683	10,421		3,298		20,471	468,061
NM	4	223,374		51,604		4,930	387			280,295
NV	5	55,946	10,791	869	3,157					70,762
NY	8	3,696,404		34,059		26,668			65,234	3,822,364
OH	6	686,741		285,838	174,629					1,147,208
OK	5	230,183		136,130		3,394				369,707
OR	5	366,177		228,670		125				594,972
PA	11	1,186,909	343,957		106,779	15,681	1,519		11,857	1,666,701
RI	7	233,705	5,620	14,728	3,155					257,209
SC	6	183,246		60,083	949		3,710		12,247	260,235
SD	4	76,498	4,400		2,226					83,125
TN	5	430,384		8,997						439,380
TX	9	494,317		584,896	6,214	18,025				1,103,452
UT	5	115,584	3,150		1,800	1,375			2,082	123,992
VA	6	335,433		162,631	25,338		752			524,154
WA	7	368,879		333,258						702,137
WI	8	503,324		344,386		42,643			20,095	910,448
WV	2	210,620		87,046						297,666
WY	5	67,966		9,550		11,923			4,327	93,768

Note: Blank cell means state offers no waiver for that target group.

Source: Kaiser Commission and UCSF analysis of CMS Form 372.

Table 7: Medicaid 1915(c) Waiver Expenditures Per Person Served, by Type of Waiver, 2006

	Number of Waivers	MR/DD	Aged	Aged/ Disabled	Physically Disabled	Children	HIV/AIDS	Mental Health	TBI/SCI	Total Expenditures Per Person
Total	269	\$40,952	\$8,954	\$9,644	\$15,882	\$10,733	\$3,790	\$7,616	\$31,197	\$22,619
AK	4	67,914	20,431		16,193	40,784				33,325
AL	5	39,601		7,422	11,572					19,463
AR	4	27,882	5,379	1,764	14,083					12,644
CA	7	22,657		3,138	48,736		4,050			18,869
CO	9	33,383		6,581		633	7,973	7,616	30,811	14,159
CT	4	102		8,347	19,778				78,807	10,460
DC	3	22,054		10,243			43			15,881
DE	4	82,442	6,953	12,913			4,154			29,930
FL	12	24,015	14,200	6,550	305	5,190	1,298		20,860	15,187
GA	5	25,231		8,950		42,263			39,263	15,959
HI	5	37,202		17,962		37,394	7,573			27,439
IA	6	21,507	4,376		3,473		7,577		14,275	13,593
ID	4	27,336		8,173					67,232	12,186
IL	7	30,634	4,939	11,751	9,895	3,878	10,132		11,814	11,842
IN	8	39,044		7,436		9,632			25,884	29,494
KS	6	32,403	7,081		12,208	613			23,346	15,145
KY	4	62,112		30,777	91,368				68,736	37,022
LA	4	50,910		10,265		9,195				30,833
MA	3	54,429	4,709						54,265	34,537
MD	6	42,765	19,455		31,815	18,181	4,690		88,936	35,166
ME	3	85,928		13,379	27,810					61,544
MI	3	44,059		8,633		25,794				25,454
MN	5	59,070	8,817		15,391				50,266	26,902
MO	7	36,197		3,736	10,546		15,134			12,125
MS	5	20,090		5,344	10,624				14,929	8,034
MT	3	28,962			12,280					21,288
NC	5	31,965		17,899		38,916	16,614			23,502
ND	3	19,589		1,637					27,216	17,995
NE	7	36,718		9,839		43,995				21,387
NH	4	60,374	9,342						57,747	32,327
NJ	6	38,986		8,920	39,926		6,570		65,195	26,953
NM	4	66,421		21,132		28,495	10,188			46,592
NV	5	39,510	4,948	11,137	5,578					16,685
NY	8	67,955		1,511		9,793			45,114	47,131
OH	6	39,062		8,948	24,506					20,250
OK	5	49,791		7,137		6,403				15,259
OR	5	39,235		8,440		1,357				16,292
PA	11	52,284	16,614		21,939	3,839	4,303		47,620	31,472
RI	7	73,701	6,438	7,372	28,943					41,816
SC	6	36,008		4,691	19,761		3,061		24,642	13,240
SD	4	28,672	4,809		19,360					22,478
TN	5	68,250		5,489						55,303
TX	9	31,089		12,904	44,069	11,452				17,532
UT	5	28,702	4,161		14,063	10,112			22,634	24,123
VA	6	47,878		12,530	66,330		7,592			25,611
WA	7	36,588		10,665						16,988
WI	8	35,857		16,347		16,307			60,165	23,926
WV	2	56,301		19,245						36,020
WY	5	56,078		6,033		14,488			30,262	24,932

Note: Blank cells mean state offers no waiver for that target group.

Source: Kaiser Commission and UCSF analysis of CMS Form 372.

Table 8: Financial Eligibility Criteria for Medicaid 1915(c) HCBS Waivers, by Type of Waiver, 2008

	MR/DD	Aged	Aged/ Disabled	Physically Disabled (As a percent of SSI)	Children	HIV/AIDS	Mental Health	TBI/SCI
AK	300%	300%		300%	300%			
AL	300%		300%	300%				
AR	300%	300%		300%				
CA	100%		100%	100%		100%		
CO	300%		300%		300%	300%	300%	300%
CT	300%		300%	300%				300%
DC	300%		300%			100%		
DE	250%	100%	250%			250%		100%
FL	300%	300%	300%	300%	300%	300%		300%
GA	300%		300%		300%			300%
HI	100%		100%		100%	100%		
IA	300%	300%		300%		300%		300%
ID	300%		300%					
IL	100%	100%	100%	100%	100%	100%		100%
IN	300%		300%					100%
KS	300%	300%		300%	300%			300%
KY	300%		300%	300%				300%
LA	300%		300%		300%			
MA	100%	100%						100%
MD	300%	300%		300%	300%			300%
ME	300%		300%	300%				
MI	300%		300%		300%			
MN	300%	300%		300%				300%
MO	100%		100%	100%	100%	100%		
MS	300%		300%	300%				300%
MT	100%		100%					
NC	100%		100%		100%	100%		
ND	100%		100%					
NE	100%		100%		100%			100%
NH	100%	100%						100%
NJ	300%		300%			300%		300%
NM	300%		300%		300%	300%		
NV	300%	300%	300%	300%				
NY	100%		300%		100%			100%
OH	300%		300%					
OK	300%		300%					
OR	300%		300%		300%			
PA	300%	300%		300%	300%	300%		300%
RI	300%	300%	300%	300%				
SC	300%		300%	300%	300%	300%		300%
SD	300%	300%						
TN	300%		300%					
TX	300%		300%	300%	300%			
UT	300%	300%		300%	300%			300%
VA	300%	300%	300%	300%		300%		
WA	300%		300%					
WI	300%		300%					300%
WV	300%		300%					
WY	300%		300%					300%

Notes: 300% of SSI = \$1,911 in 2008. AZ and VT do not operate 1915(c) waivers because all HCBS are provided through a 1115 waiver.

Blank cell means state operates no waiver for that target group.

Source: Kaiser Commission and UCSF analysis of Medicaid 1915(c) Waiver Policy Survey.

Table 9: Medicaid HCBS Programs Cost Controls and Consumer Direction, 2008

	Home Health			Personal Care Services			Waivers ⁴	
	Financial Eligibility ¹	Limits ²	Consumer Direction ³	Financial Eligibility ¹	Limits ²	Consumer Direction ³	Limits ²	Consumer Direction ³
AK	CN, MN, E		Y	CN, MN, E			S	
AL	MN	S					C, S	Y
AR	CN, ME			CN	S		S	Y
AZ	CN, E	C						
CA	CN		Y	CN, MN, E	S	Y	C, G	Y
CO	CN	C	Y					
CT	CN, MN	C					C	Y
DC	CN, MN	S		CN	S		S	
DE	CN	S		CN, MN				
FL	CN, MN			E			C, S, G	Y
GA	CN, MN, E	S	Y					
HI	CN, MN, E							Y
IA	CN, MN	C	Y				C, S	Y
ID	CN, E			CN	S	Y		Y
IL	CN, MN, E							
IN	CN						C	
KS	CN, MN, E			CN		Y	S	Y
KY	CN, MN, E	S					S	Y
LA	CN, MN, E			CN, E	S	Y	C	
MA	CN, MN, E			CN, MN, E		Y		Y
MD	CN, MN, E			CN, MN	C, S		C, S	Y
ME	CN, MN, E			CN, MN, E		Y	C, S	Y
MI	CN, MN, E			MN		Y	C, S	Y
MN	CN, MN, E			CN, MN, E	C		C	Y
MO	CN			CN	C		C	Y
MS	CN, E		Y				G	Y
MT	CN, MN, E			CN, MN, E	S	Y	C	Y
NC	CN, MN, E			CN, MN, E	S	Y	C, G	Y
ND	CN, MN	C		CN, MN				
NE	CN, MN, E		Y	CN, MN	S	Y	C	Y
NH	CN, MN, E			CN, MN, E		Y		
NJ	CN, MN, E			CN, MN	S		C	Y
NM	CN, MN			CN		Y		
NV	CN, MN, E		Y	CN, MN, E	S			Y
NY	CN, MN			MN			C	Y
OH	CN, MN, E	S					C	Y
OK	CN, E			CN, E			C, S	Y
OR	CN, E			CN	S	Y	C	Y
PA	CN, MN, E						C, S, G	Y
RI	CN, MN, E	S		CN, MN				Y
SC	CN		Y				C, S	
SD	CN	S		MN	S		C, S	Y
TN	CN, MN, E						S, G	
TX	MN, E	S	Y	CN	S		C, G	Y
UT	CN, MN			CN, MN	S			Y
VA	CN, MN, E							
VT	CN, MN			CN				
WA	CN, MN			CN, E	S	Y	C, S, G	Y
WI	CN, MN		Y	CN, MN, E				Y
WV	CN, MN, E			CN, MN	S		S	Y
WY	CN, E						C	Y

Notes: 1: CN – Categorically Needy, MN – Medically Needy, E – EPSDT; 2: C – Cost Limits, S – Service/Hourly Limits, G – Geographical limit; 3: Y – Yes, consumer direction is required or allowed; 4: Financial eligibility of waivers are presented in Table 8.

Source: Kaiser Commission and UCSF analysis of Medicaid 1915(c) Waiver, Home Health and Personal Care Services Policy Survey.

Table 10: Waiting Lists for Medicaid 1915(c) Home and Community-Based Service Waivers, By Enrollment Group, 2008

	MR/DD	Aged	Aged/ Disabled	Physically Disabled	Children	HIV/ AIDS	Mental Health	TBI/ SCI	Total
Total No. of Waivers	97	21	61	27	25	15	1	22	269
Enrollment Slots	570,170	154,684	519,149	62,070	19,703	19,251	2,605	14,992	1,362,624
No. of Wait Lists	56	3	27	12	12	1	0	10	121
Persons on Wait Lists (% of total)	253,306 (64%)	6,343 (2%)	109,859 (28%)	2,994 (1%)	18,967 (5%)	14 (0%)	0 (n/a)	1,613 (0%)	393,096
Wait Lists that Screen for Eligibility (% of wait lists)	30 (53%)	2 (67%)	17 (63%)	9 (75%)	7 (58%)	1 (100%)	0 (n/a)	8 (80%)	74 (61%)
Wait Lists that Prioritize Certain Clients (% of wait lists)	34 (60%)	1 (33%)	18 (67%)	5 (42%)	5 (42%)	0 (n/a)	0 (n/a)	7 (70%)	70 (57%)
Wait Lists Providing Non-Waiver Services (% of wait lists)	52 (93%)	1 (33%)	25 (93%)	11 (92%)	9 (75%)	1 (100%)	0 (n/a)	9 (90%)	108 (89%)

Notes: n/a - not applicable.

Source: Kaiser Commission and UCSF analysis of Medicaid 1915(c) Waiver Policy Survey.

**Table 11: Waiting Lists for Medicaid 1915(c) HCBS Waivers,
by State and by Enrollment Group, 2008**

	MR/DD	Aged	Aged/ Disabled	Physically Disabled	Children	HIV/ AIDS	Mental Health	TBI/ SCI	Total
No.	56	3	27	12	12	1	0	10	121
AK	1,500	0		0	0				1,500
AL	unknown		7,094	150					7,244
AR	876	0		0					876
CA	0		1,200	742		0			1,942
CO	0		0		0	0	0	0	0
CT	1,730		0	71				0	1,801
DC	0		0			0			0
DE	0	0	0			0		0	0
FL	22,639	0	12,684	0	3	0		434	35,760
GA	10,364		763		0			115	11,242
HI	0		100		0	0			100
IA	1,646	0		444		14		287	2,391
ID	0		0						0
IL	0	0	0	0	0	0		0	0
IN	33,753		1,279					169	35,201
KS	1,631	0		0	246			0	1,877
KY	2,753		0	0				135	2,888
LA	9,151		8,433		4,384				21,968
MA	0	0						0	0
MD	0	6,000		1,200	1,200			0	8,400
ME	98		0	107					205
MI	0		3,404		29				3,433
MN	unknown	0		unknown				unknown	0
MO	unknown		0	39	139	0			178
MS	unknown		6,000	0				0	6,000
MT	1,372		600						1,972
NC	0		6,000		99	0			6,099
ND	0		0						0
NE	0		0		0			0	0
NH	0	0						0	0
NJ	0		0			0		50	50
NM	1,141		5,000		130	0			6,271
NV	540	343		145					1,028
NY	0		0		unknown			0	0
OH	50,670		1,224						51,894
OK	12,207		0						12,207
OR	3,528		0		0				3,528
PA	20,460	0		0	0	0		0	20,460
RI	0	0	99	12					111
SC	1,296		2,016	0	404	0		224	3,940
SD	23	0							23
TN	2,316		350						2,666
TX	58,449		40,107	22	12,282				110,860
UT	1,654	0		62	51			82	1,849
VA	8,334	0	0	0		0			8,334
WA	829		0						829
WI	3,930		13,296					117	17,343
WV	303		0						303
WY	113		210					0	323
Total	253,306	6,343	109,859	2,994	18,967	14	0	1,613	393,096
Ave. wait mth.	32	9	11	15	22	n/r	0	13	22

Notes: n/r - no response to survey wait list question. Unknown – state responds that there was a wait list but the number of persons on list is unknown. Blank cell means state operates no waiver for that target group.

Source: Kaiser Commission and UCSF analysis of Medicaid 1915(c) Waiver Policy Survey.

**Table 12: Medicaid Home Health and Personal Care Services
Provider Reimbursement Rates, 2008**

		Home Health(\$) ¹		Personal Care Services(\$) ²	
	Agency	Registered Nurse	Home Health Aide	Agency	Provider
AK	169.36			21.00	11.00
AL	27.63/hour				
AR		114.50			14.25
AZ			9.15/hour		
CA				19.20	11.51
CO		96.26	34.15		
CT		94.26/hour	24.40/hour		
DC	76.00	62.00	17.90/hour	17.80	14.50
DE		139.45/hour	30.80/hour	19.80	
FL	24.65			9.70	
GA	61.32	61.32	61.32		
HI					
IA		82.70	34.67		
ID		209.54	127.81	16.38	
IL			62.76		
IN	29.05	38.96/hour	20.07/hour		
KS		43.00	23.68		
KY		88.16	34.13		
LA		34.50/hour	25.13	14.00	
MA		87.89	24.60/hour		13.16
MD		116.43	54.61	35.22/day	35.22/day
ME	85.95	26.00/hour	10.00/hour	14.57	8.52
MI	81.45	81.65	51.72	9.39	7.35
MN	68.98			15.76	
MO	64.15	64.15	64.15	16.96	
MS		130.33	43.42		
MT	70.40		31.43	18.88	
NC		110.66	49.65	14.88	
ND	78.54	80.98	67.00	18.75	13.16
NE	78.73	36.71/hour	50.58		8.39
NH		84.65/hour	23.15/hour	17.92	
NJ		117.21/hour	25.87/hour	16.00	
NM	330.71/mth			13.16	9.65
NV			33.85/hour	18.52	
NY		113.12/hour	29.76/hour	19.16	
OH		40.07/hour	18.54/hour		
OK	54.33	74.25	34.21	12.80	7.00
OR		63.12	29.49	18.69	9.32
PA	61.00	36.00/hour	40.00		
RI	64.50	64.50		19.46	
SC		72.65	39.13		
SD		47.84/hour	30.92/hour	14.20	
TN					
TX	10.56/hour			7.30/visit	6.50/visit
UT	14.00/hour			14.00	
VA	125.61	114.15	74.55		
VT					
WA		89.46	46.32	16.62	10.45
WI		32.66/hour	39.71	63.36	
WV					
WY	52.00				
Ave. pay rate	\$73.30³	\$89.89	\$48.68	\$18.11	\$10.64

Notes: 1: Pay rate is per visit unless otherwise noted; 2: Pay rate is per hour unless otherwise noted; 3: Average does not include NM as state does not report standardized average pay rate.

Source: Kaiser Commission and UCSF analysis of Medicaid Home Health and Personal Care Services Policy Survey.

1330 G STREET NW, WASHINGTON, DC 20005
PHONE: (202) 347-5270, FAX: (202) 347-5274
WEBSITE: WWW.KFF.ORG/KCMU

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