

May 2002

# MEDICARE HOME HEALTH CARE

## Payments to Home Health Agencies Are Considerably Higher than Costs



## Report Documentation Page

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<p><b>Abstract</b></p> <p>In response to rapidly rising home health spending from the late 1980s through the mid-1990s, the Congress enacted major changes to Medicare's home health payments in the Balanced Budget Act of 1997 (BBA).<sup>1</sup> These and subsequent changes culminated in the implementation of a prospective payment system (PPS) on October 1, 2000, which provides incentives to home health agencies (HHAs) to operate efficiently. Under the PPS, HHAs are paid a fixed amount, adjusted for a beneficiary's care needs, for providing up to 60 days of care, termed a home health episode. The BBA also created an interim payment system (IPS) that imposed new payment limits to moderate spending until the PPS could be implemented. The PPS was designed to lower Medicare spending below what it was under the IPS. This spending reduction was to be achieved by setting the PPS episode payment amount so that total home health spending under the PPS in fiscal year 2000 would equal what would have been spent had the interim limits been reduced by 15 percent. Subsequent legislation delayed implementation of the mandated reduction to the episode payment amount until October 2002.<sup>2</sup> The Centers for Medicare and Medicaid Services (CMS)<sup>3</sup> has determined that the fiscal year 2003 episode payment rate would have to be reduced by about 7 percent to achieve the mandated level of savings.<sup>4</sup></p>		
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# Contents

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<b>Letter</b>		1
	Results in Brief	2
	Background	3
	Home Health PPS Episode Payments Are Considerably Higher than Estimated Costs of Care Provided	7
	Conclusions	9
	Matters for Congressional Consideration	10
	Agency Comments and Our Evaluation	10
<b>Appendix I</b>	<b>Scope and Methodology</b>	14
<b>Appendix II</b>	<b>Comments from the Centers for Medicare and Medicaid Services</b>	16
<b>Appendix III</b>	<b>GAO Contacts and Staff Acknowledgments</b>	18
<b>Tables</b>		
	Table 1: Average Estimated Cost per Home Health Episode and Average Home Health Episode Payment, January-June 2001	8
	Table 2: Payment Amounts Compared to Average Estimated Costs for 10 Most Frequent Home Health Payment Groups, January-June 2001	9

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## Abbreviations

AAHomecare	American Association for Homecare
BBA	Balanced Budget Act of 1997
BIPA	Medicare, Medicaid and SCHIP Benefits Improvement and Protection Act of 2000
CMS	Centers for Medicare and Medicaid Services
HCFA	Health Care Financing Administration
HHA	home health agency
HHRGs	home health resource groups
IPS	interim payment system
LUPA	low utilization payment amount
NAHC	National Association for Home Care
PEP	partial episode payment
PPS	prospective payment system
SAF	Standard Analytic File
SCIC	significant change in condition
VNAA	Visiting Nurse Associations of America



G A O

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United States General Accounting Office  
Washington, DC 20548

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May 6, 2002

Congressional Committees

In response to rapidly rising home health spending from the late 1980s through the mid-1990s, the Congress enacted major changes to Medicare's home health payments in the Balanced Budget Act of 1997 (BBA).<sup>1</sup> These and subsequent changes culminated in the implementation of a prospective payment system (PPS) on October 1, 2000, which provides incentives to home health agencies (HHAs) to operate efficiently. Under the PPS, HHAs are paid a fixed amount, adjusted for a beneficiary's care needs, for providing up to 60 days of care, termed a home health episode. The BBA also created an interim payment system (IPS) that imposed new payment limits to moderate spending until the PPS could be implemented. The PPS was designed to lower Medicare spending below what it was under the IPS. This spending reduction was to be achieved by setting the PPS episode payment amount so that total home health spending under the PPS in fiscal year 2000 would equal what would have been spent had the interim limits been reduced by 15 percent. Subsequent legislation delayed implementation of the mandated reduction to the episode payment amount until October 2002.<sup>2</sup> The Centers for Medicare and Medicaid Services (CMS)<sup>3</sup> has determined that the fiscal year 2003 episode payment rate would have to be reduced by about 7 percent to achieve the mandated level of savings.<sup>4</sup>

To help decide whether to implement, modify, or eliminate the reduction to Medicare home health payments, the Congress directed us to evaluate

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<sup>1</sup>Pub. L. No. 105-33, title IV, subtitle G, ch. 1, 111 Stat. 251, 466-475.

<sup>2</sup>Section 501 of the Medicare, Medicaid and SCHIP Benefits Improvement and Protection Act of 2000 (BIPA) (Pub. L. No. 106-554, Appendix F., 114 Stat. 2763, 2763A-529), delayed the mandated reduction until October 1, 2002.

<sup>3</sup>CMS, the agency responsible for administering Medicare, was known as the Health Care Financing Administration (HCFA) until July 1, 2001. This report refers to the agency as HCFA when referring to actions before the name change and as CMS when referring to actions taken since the name change.

<sup>4</sup>For fiscal year 2003, CMS will also update the payment rate for inflation by the increase in the home health market basket, which is projected (in April 2002) to be about 2.1 percent.

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payments under the PPS.<sup>5</sup> To do this, we estimated average home health episode costs and calculated average episode payments for the first 6 months of 2001. We also interviewed industry representatives and officials from CMS and reviewed regulations and studies of the home health PPS. We performed our work from November 2001 through April 2002 in accordance with generally accepted government auditing standards. (For a discussion of our scope and methodology, see appendix I.)

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## Results in Brief

Medicare's payments for full home health care episodes were, on average, about 35 percent higher than the estimated costs of home health care provided in the first 6 months of 2001. This disparity results from an episode payment amount that was initially set assuming a higher number of visits than was being provided prior to the PPS. After the PPS was implemented, HHAs further reduced the number of visits provided per episode, which lowered their costs. At the same time, a higher proportion of beneficiaries receiving home health care was categorized into the more intensive payment groups, which generated higher payments.<sup>6</sup> Across the Medicare PPS payment groups, there was considerable variation in the relationship between payments and estimated costs. Payments were above estimated costs for 75 of the 80 payment groups. For five of the payment groups, payments were slightly below or about equal to estimated costs. These payment and cost disparities indicate that Medicare's PPS, which was designed to ensure adequate payments for HHAs that operate efficiently, overpays many HHAs for the services that were actually provided, although some HHAs that face extraordinary costs not accounted for by the payment groups may be financially disadvantaged.

Because Medicare payments for home health care far exceed associated estimated costs, the Congress should consider allowing the mandated reduction to payments to be implemented. However, as we have stated before, we believe that the incentives of the episode-based PPS need to be moderated to protect beneficiaries from underservice, the Medicare program from overpaying for services, and HHAs from potential

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<sup>5</sup>Section 501 of BIPA.

<sup>6</sup>These home health payment groups are used to adjust payments to account for differences in beneficiary care needs. They reflect three dimensions of care: clinical severity, functional severity, and service utilization. They are known as home health resource groups (HHRGs).

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underpayments.<sup>7</sup> Therefore, we continue to believe that the PPS should incorporate risk sharing of financial gains and losses between the Medicare program and HHAs.

In written comments on a draft of this report, CMS stated that our findings are consistent with its preliminary analysis of data from the first year of the PPS, but that HHA costs cannot be known with certainty until Medicare cost reports are available. CMS expressed concern about implementing risk sharing as part of the home health PPS, stating that risk sharing is inconsistent with providing timely and predictable payments under the PPS, is administratively difficult, and is not necessary because our concerns about possible overpayments or underpayments to HHAs can be addressed in other ways. Concerning CMS' first point, our episode cost estimates are based on the actual number and mix of visits provided to Medicare beneficiaries during the first 6 months of 2001 and the per-visit cost estimates used by the Health Care Financing Administration (HCFA) to set the initial episode payments, updated for inflation and adjusted for the change in average visit time. We note that CMS has experience in administering payment adjustments similar to risk sharing that rely on actual provider experience while ensuring that payments are timely and predictable. Furthermore, monitoring activities to detect overpayments or underpayments have not yet been implemented. In oral comments on a draft of this report, representatives from three home health care associations stated that they disagreed with our conclusions and believe that a reduction in Medicare's payments will harm the industry. However, the magnitude of the disparity between payments and estimated costs demonstrates that the reduction would not harm the industry. Risk sharing would provide protection to those HHAs that may incur costs that are higher than these estimates.

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## Background

Medicare's home health benefit enables certain beneficiaries with post-acute-care needs (such as recovery from joint replacement) and chronic conditions (such as congestive heart failure) to receive care in their homes. To qualify for home health care, beneficiaries must be confined to

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<sup>7</sup>U.S. General Accounting Office, *Medicare Home Health Care: Prospective Payment System Will Need Refinement as Data Become Available*, [GAO/HEHS-00-9](#), (Washington, D.C.: Apr. 7, 2000) and *Medicare Home Health Care: Prospective Payment System Could Reverse Recent Declines in Spending*, [GAO/HEHS-00-176](#), (Washington, D.C.: Sept. 8, 2000).

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their residence (“homebound”);<sup>8</sup> require part-time or intermittent skilled nursing, physical therapy, or speech therapy; be under the care of a physician; and have the services furnished under a plan of care prescribed and periodically reviewed by a physician. If these conditions are met, Medicare will pay for the following types of visits: skilled nursing; physical, occupational, and speech therapy; medical social service; and home health aide. As long as beneficiaries continue to remain eligible for home health services, they may receive an unlimited number of visits. Beneficiaries are not liable for any out-of-pocket costs for this benefit.

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## Pre-BBA Spending and Service Use

Medicare home health payments grew at an average annual rate of 25 percent between 1990 and 1997, more than three times the rate of spending growth for the entire Medicare program. The growth in spending was attributable primarily to increases in the number of visits provided and not in the payment per visit. The number of Medicare beneficiaries receiving home health almost doubled during that period, from 57 to 109 beneficiaries per 1,000. At the same time, the average number of visits provided per home health user grew from 36 to 73 visits. The rapid growth in home health use was due, in part, to the cost-based payment method. Under the cost-based system, HHAs were paid their costs up to a per-visit limit for each visit provided.<sup>9</sup> This method, at a time when there was little program oversight, offered few incentives to provide visits efficiently or only when needed.

By 1997, home health utilization—as measured by the number of home health users per 1,000 Medicare beneficiaries and the number of visits provided—varied widely across geographic regions. For example, 48 Medicare beneficiaries per 1,000 in Hawaii received home health care in 1997. In the same year, more than 157 beneficiaries per 1,000 received home health care in Louisiana. Meanwhile, Medicare home health users in Washington received an average of 32 visits, compared to an average of 161 visits per user in Louisiana. This wide variation in use persisted even after controlling for patient diagnosis. This variability is partly due to the lack of standards for necessary or appropriate care. Furthermore, even the most basic unit of service—the visit—was not well defined in terms of

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<sup>8</sup>Beneficiaries are homebound when they have a condition that results in a normal inability to leave home except with considerable and taxing effort, and absences from home are infrequent or of relatively short duration or are attributable to receiving medical treatment.

<sup>9</sup>There were separate limits for each type of visit, e.g., skilled nursing and home health aide.

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either the amount of time spent with a patient or the type of services provided.

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## BBA Changes to Home Health Payment Policies

To constrain Medicare home health spending growth, BBA required HCFA to replace Medicare's cost-based, per-visit payment method with a PPS by fiscal year 2000.<sup>10</sup> Until PPS could be implemented, BBA imposed spending controls under the IPS: For 3 years beginning October 1, 1997, the IPS incorporated tighter per-visit cost limits than had previously been in place and subjected each HHA to an annual Medicare revenue cap, which was the product of an HHA-specific, per-beneficiary amount and the number of beneficiaries that the HHA served.<sup>11</sup>

Under the PPS, an HHA receives a single payment for all items and services furnished during each 60-day episode of care.<sup>12</sup> The payment rate is based on the national average cost of providing care in 1997, not an HHA's actual costs. Because the payment is divorced from an HHA's cost of delivering care, an HHA that delivers care for less than the payment amount can profit; conversely, an HHA will lose financially if its service costs are higher than the payment. To account for differences in beneficiary care needs, PPS episode payments are adjusted from a base rate (which was \$2,115 in fiscal year 2001). These adjustments are based on a classification system that groups home health beneficiaries into 80 payment groups. The payment for a beneficiary in the most intensive payment group is approximately five times greater than the payment for a beneficiary in the least intensive group. In fiscal year 2001, episode payments ranged from \$1,114 to \$5,947.

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<sup>10</sup>Section 4603 of BBA, 111 Stat. 467. The Omnibus Consolidated and Emergency Supplemental Appropriations Act of 1999 (Pub. L. No. 105-277, division J, title V, Sec. 5101, 112 Stat. 2681, 2681-914) delayed the PPS implementation by 1 year to October 1, 2000.

<sup>11</sup>The per-beneficiary amount was a blend of each agency's 1994 average annual payments for treating a Medicare beneficiary and a regional or national average annual amount. For agencies that had not participated in Medicare for a full year by October 1994, the amount was based on the 1994 national median payment.

<sup>12</sup>If four or fewer visits are provided during the 60-day episode, Medicare makes a low-utilization payment adjustment (LUPA) and pays a per-visit amount. HHAs receive less than a full episode payment, known as a partial episode payment (PEP), if the episode of care is interrupted, such as when a beneficiary elects to transfer to another HHA, or when a beneficiary is discharged because treatment goals are attained but then returns for additional services to the same HHA. Payments are also adjusted when the beneficiary experiences a significant change in condition (SCIC). An HHA may receive an additional outlier payment for certain extremely high-cost episodes.

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## Financial Incentives of Episode-Based Payments

We have reported the strong financial incentives under the home health PPS to reduce the costs of providing an episode of care.<sup>13</sup> HHAs can do this by reducing unnecessary or excessive visits, delivering care more efficiently, or underserving beneficiaries. We expressed concern that it may be hard to detect when the latter occurs. The lack of standards for necessary or appropriate care makes it difficult to review care and take steps to ensure that needed services are being delivered. We also said that the PPS could lead to substantial overpayments to some HHAs relative to the level of services being provided. Further, we noted industry concerns about the ability of some HHAs to respond to PPS incentives to reduce their costs and about inadequacies in the method used to adjust payments to account for differences in beneficiary care needs.<sup>14</sup>

As a result of these concerns, we recommended that risk sharing be incorporated into the PPS design.<sup>15</sup> Risk sharing would limit the total losses and gains an HHA could experience over a period of time for treating beneficiaries by establishing formulas to share losses or gains with the Medicare program. This would involve a settlement process in which an HHA's actual costs of delivering care over the relevant period would be compared to its actual payments. Such an approach would simultaneously protect beneficiaries against underservice, the Medicare program from overpaying for services, and HHAs serving beneficiaries with greater than average needs when the costs are not accounted for in the payment adjustments. HCFA did not agree with our recommendation, stating that the PPS design and payment adjustments would address our concerns and that risk sharing would be difficult to implement. We subsequently suggested that the Congress consider requiring HCFA to implement risk sharing with the PPS.<sup>16</sup>

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<sup>13</sup> [GAO/HEHS-00-9](#), and [GAO/HEHS-00-176](#).

<sup>14</sup> [GAO/HEHS-00-9](#).

<sup>15</sup> [GAO/HEHS-00-9](#).

<sup>16</sup> [GAO/HEHS-00-176](#).

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## Home Health PPS Episode Payments Are Considerably Higher than Estimated Costs of Care Provided

The average episode payment HHAs received to provide an episode of care in the first 6 months of 2001 was about 35 percent higher than the average estimated cost of providing that care.<sup>17</sup> The average episode payment, accounting for the mix of beneficiaries treated in the first 6 months of 2001, was \$2,691. (See table 1.) During this period, we estimated that the cost of providing an episode of care was \$1,997 after adjusting for the mix of services provided by agencies and changes in the average time spent for each type of visit since the introduction of the PPS.

This large difference between the average episode payment and estimated cost is due to three factors. First, the PPS episode payment amount was calculated on the assumption that about 32 visits would be provided during an average episode, although immediately prior to PPS implementation only about 29 visits per episode were provided. Second, HHAs have further lowered their costs since PPS by providing, on average, only about 22 visits per episode during the first half of 2001. Third, HHA payments have increased because a larger proportion of home health users have been categorized into higher payment groups.

While the PPS adjusts payment rates to account for expected variation in costs due to patient care needs, the relationship between average payments and average estimated costs masks wider differences between payments and estimated costs across the 80 home health payment groups. The relationship between payments and estimated costs for the 10 payment groups that account for almost half of home health episodes ranged from 72 percent above the estimated cost to 4 percent below in the first 6 months of 2001. (See table 2.) For the five payment groups with the lowest payments relative to estimated costs, which accounted for 8 percent of all episodes, the payment ranged from about 9 percent below to about equal the average estimated cost of services provided. The payment was greater than the average estimated cost for the remaining groups.

For any HHA, the relationship between Medicare payments and the costs of providing care will likely vary from the averages we report here. The

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<sup>17</sup>Less than 16 percent of all episodes in the first 6 months of 2001 received a LUPA. These were not included in our analysis because they are not reflective of episode payments or costs. Episodes that required a SCIC adjustment (which may have increased or decreased the payment), a PEP adjustment (which reduced the payment), or an outlier adjustment (which increased the payment) were included although SCIC, PEP, and outlier adjustments were not reflected in our reported payments. Episodes with SCIC or PEP adjustments were less than 5 percent and episodes with outlier adjustments were less than 3 percent of all episodes in the first 6 months of 2001.

PPS was designed to provide adequate payments to HHAs that operate efficiently and to provide incentives for HHAs to become more efficient. But certain HHAs may have costs higher than payments if they face extraordinary costs not accounted for by the PPS payment groups.

**Table 1: Average Estimated Cost per Home Health Episode and Average Home Health Episode Payment, January-June 2001**

Type of visit	Estimated cost per visit	Average visits per episode <sup>a</sup>	Adjusted cost per episode <sup>b</sup>
Medical social services	\$153.59	0.20	\$31.71
Speech therapy	113.26	0.17	19.49
Occupational therapy	104.76	0.75	78.57
Physical therapy	104.05	4.24	452.63
Skilled nursing	94.96	10.63	1,035.64
Home health aide	41.75	5.63	228.40
<b>Total</b>		<b>21.63</b>	<b>\$1,919.70</b>
Additional costs associated with nonroutine medical supplies, other therapy services, and changes in reporting requirements			\$77.11
<b>Average estimated cost per episode</b>			<b>\$1,996.81</b>
<b>Average payment per episode<sup>c</sup></b>			<b>\$2,691.28</b>

<sup>a</sup>Excludes all episodes with four or fewer visits.

<sup>b</sup>Adjusted for any increases or decreases in the time spent on visits in 2001 compared to 2000.

<sup>c</sup>Average payment across all payment groups, excluding low-utilization episodes. Payment does not include 10 percent rural add-on amount for episodes provided to rural beneficiaries beginning April 1, 2001.

Source: HCFA Final Rule, July 3, 2000, and GAO analysis of 1.48 million episodes from CMS' home health claims (January-June 2001).

**Table 2: Payment Amounts Compared to Average Estimated Costs for 10 Most Frequent Home Health Payment Groups, January-June 2001**

Payment group <sup>a</sup>	Share of episodes (in percent)	Payment amount <sup>b</sup>	Payments as a percentage of average estimated cost
C2F2S0	8	\$2,105	105
C1F2S0	8	\$1,736	117
C2F2S2	5	\$4,132	168
C1F2S2	5	\$3,762	172
C1F1S0	5	\$1,516	111
C0F1S0	4	\$1,314	106
C2F1S0	4	\$1,886	96
C0F2S0	4	\$1,533	110
C3F4S0	3	\$3,387	149
C2F4S0	3	\$2,539	136
<b>Total Share<sup>c</sup></b>	<b>48</b>		

<sup>a</sup>Payment group classifications represent three dimensions of care: clinical severity (C), functional severity (F), and service utilization (S). There are four clinical severity levels (0-3), five functional severity levels (0-4), and four service utilization levels (0-3).

<sup>b</sup>Payment does not include 10 percent rural add-on amount for episodes provided to rural beneficiaries beginning April 1, 2001.

<sup>c</sup>Share of episodes does not total to 48 percent due to rounding.

Source: HCFA Final Rule, July 3, 2000, and GAO analysis of 1.48 million episodes from CMS' home health claims (January-June 2001).

## Conclusions

The Medicare program is paying HHAs on average considerably more than the estimated cost of care beneficiaries are receiving. Consequently, implementation of the BBA-mandated 15 percent payment reduction, which would lower fiscal year 2003 PPS payments by 7 percent, should not affect HHAs' ability to serve Medicare beneficiaries. This payment reduction would move the Medicare program closer to becoming a prudent purchaser of home health care, but the reduction by itself is not sufficient. A single payment to cover all services provided during a 60-day episode of care, combined with the lack of standards for what constitutes necessary or appropriate home health care, leaves beneficiaries vulnerable to underservice, Medicare vulnerable to future overpayments, and HHAs with a disproportionate number of beneficiaries with extensive needs vulnerable to underpayments. Implementing the 15 percent reduction would not lessen these vulnerabilities. This is why we have previously recommended that the PPS include risk sharing to simultaneously protect beneficiaries, the Medicare program, and HHAs.

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## Matters for Congressional Consideration

The Congress should consider making no change in the requirement for a reduction in Medicare home health payments. We continue to urge the Congress to require CMS to incorporate risk sharing into the PPS design.

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## Agency Comments and Our Evaluation

In written comments on a draft of this report, CMS stated that our findings are consistent with its preliminary analysis of data for the first year of the PPS. It noted that cost report data, which are not yet available for the first year of the PPS, would be required to determine the costs of home health services under the PPS with certainty. CMS reiterated its concerns about implementing risk sharing as a part of the PPS. It believes that risk sharing would undermine the main benefit of PPS, which is payments that are timely and predictable. Further, CMS stated its belief that the outlier payment policy under the home health PPS and planned monitoring activities should mitigate our concern that some HHAs may be vulnerable to underpayments. Finally, CMS stated that risk sharing is administratively difficult.

Although cost report data would more accurately reflect an HHA's costs, our episode cost estimates build on historic visit costs, adjusted for inflation and changes in visit time, and reflect actual service use, a major determinate of episode costs. We believe that the new evidence we present on the wide disparity between payments and estimated costs on average and across payment groups demonstrates the need for and the value of risk sharing in conjunction with the home health PPS. Risk sharing would not remove the incentives under the PPS for HHAs to provide care efficiently, because they would continue to benefit financially when their costs are below their payments and lose financially when their costs are above their payments. Yet, risk sharing would mitigate extreme gains and losses under the PPS. While the monitoring activities and refinements that CMS discusses such as revisions to the payment groups could mitigate extreme gains or losses, it could be some time until they are implemented. Furthermore, outlier payments, which account for less than 3 percent of payments, are not by themselves sufficient to protect vulnerable HHAs that have higher than average costs across a number of patients, nor do they protect the Medicare program from excessive spending.

We believe that CMS could overcome any administrative difficulties in implementing risk sharing. CMS incorporated a risk-sharing arrangement in its demonstration project on the home health PPS while ensuring predictable and timely payments. We note that CMS has considerable

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experience in adjusting prospective payments to providers based on expectations for a provider's costs in the coming year, most recently in implementing the hospital outpatient PPS, which has a provision to protect hospitals from losses.

CMS' comments are included as appendix II.

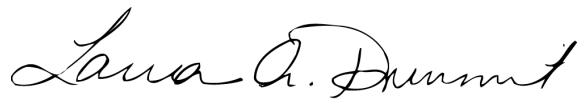
We received oral comments on a draft of this report from representatives of three home health care associations—American Association for Homecare (AAHomecare), National Association for Home Care (NAHC), and Visiting Nurse Associations of America (VNAA). These organizations disagreed with our conclusions. All three associations expressed concern about the effect of a potential payment reduction on the industry's stability and, in particular, its ability to care for medically complex patients. The associations said it was too early in the experience of the PPS to accurately measure home health care use, visit costs, episode costs, or industry profit margins. VNAA stated that our cost estimates do not reflect current fixed costs under the PPS. NAHC raised questions about the timeliness of payments if risk sharing is a part of the home health PPS. The associations said that more information was needed on how low-utilization episodes, partial episodes, and outlier payments would affect the relationship between average episode costs and payments to HHAs.

Our results are consistent with CMS' analysis of a full year of experience under the PPS. Our analysis of 1.48 million episodes did not consider the payment reduction for partial episodes, payment enhancement for outliers, or variable payment adjustments for a significant change in a beneficiary's condition. When calculating episode payments and estimated costs we treated these as full episodes. The impact of these payment adjustments on average episode payments is likely to be minimal because they are partially offsetting and apply to less than 8 percent of episodes. Whether the visit costs for these types of episodes is different from the average visit costs is not known. We excluded low-utilization episodes from our analysis because they are not paid an episode rate. HHA visits per user have been dropping since 1997, allowing ample time for HHAs to bring their fixed costs in line with current use patterns. The magnitude of the difference between payments and estimated costs provides compelling evidence that the legislated reduction would not destabilize the home health industry. Further, risk sharing if implemented would moderate any negative effects on the HHAs that may incur costs that are higher than these estimates including when HHAs treat medically complex patients.

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We are sending copies of this report to the Administrator of CMS. We will also make copies available to others upon request.

If you or your staff have any questions, please call me at (202) 512-7114. Other contacts and staff who contributed to this report are listed in appendix III.

A handwritten signature in black ink that reads "Laura A. Dummit". The signature is written in a cursive style with a large initial 'L' and 'D'.

Laura A. Dummit  
Director, Health Care—Medicare Payment Issues

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*List of Committees*

The Honorable Max Baucus, Chairman  
The Honorable Charles E. Grassley, Ranking Minority Member  
Committee on Finance  
United States Senate

The Honorable W. J. “Billy” Tauzin, Chairman  
The Honorable John D. Dingell, Ranking Minority Member  
Committee on Energy and Commerce  
House of Representatives

The Honorable William M. Thomas, Chairman  
The Honorable Charles B. Rangel, Ranking Minority Member  
Committee on Ways and Means  
House of Representatives

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# Appendix I: Scope and Methodology

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We conducted our analyses using Medicare provider, claims, and beneficiary files for calendar years 2000 and 2001. We included only those providers that were listed as active in each year. For episodes ending on January 1, 2001 through June 30, 2001, we used all final bills from the home health Standard Analytic File (SAF) for 2001 that were available as of January 24, 2002. Our file of 1.48 million episodes, which excludes all low-utilization episodes, does not include any claims for the first 6 months of 2001 submitted after January 24, 2002. For 2000, we used all final bills ending on January 1, 2000 through June 30, 2000.

To compute our estimate of average episode costs, we used HCFA's per-visit cost estimates that were used to establish the PPS episode rates and that were calculated from the sample of fiscal year 1997 audited costs reports.<sup>1</sup> The per-visit costs, which include all costs of home health services covered and paid for on a reasonable cost basis, were inflated to 2001 cost levels using the market basket index for home health services. Then we adjusted the per-visit costs to account for the change in the time spent for each type of visit in 2001 compared to 2000. We estimated episode costs by multiplying the adjusted per-visit cost for each type of visit by the average mix of visits provided in each payment group in a 2001 episode. We also added an additional amount for the costs of other services not included in the per-visit costs.<sup>2</sup> Our methodology assumes that the relationship between direct patient care costs and overhead costs has remained the same over time and therefore that administrative costs have not increased or decreased since the PPS.

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<sup>1</sup>See Medicare Program: Prospective Payment System for Home Health Agencies, 65 *Federal Register* 41,128 (2000). HCFA also made several additional adjustments to the basic cost-per-visit calculations, including increasing the audited cost report data for nonroutine medical supplies, and decreasing costs for providers affected by the per-visit limits (see 65 *Federal Register* 41,170).

<sup>2</sup>The additional services include certain therapies not in the visits, additional medical supplies, and costs associated with new reporting requirements. See Medicare Program: Prospective Payment System for Home Health Agencies, 65 *Federal Register* 41,128 (2000).

We calculated the average payment as the payment amount for each of the 80 payment groups weighted by the proportion of all episodes in 2001 provided within each payment group.

We interviewed CMS officials and industry representatives from the American Association for Homecare, National Association for Home Care, Gentiva Health Services, Rocky Mountain Health Care, and the Visiting Nurse Associations of America regarding the changes in provider practices since the implementation of PPS.

# Appendix II: Comments from the Centers for Medicare and Medicaid Services



DEPARTMENT OF HEALTH & HUMAN SERVICES

Centers for Medicare & Medicaid Services

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**DATE:** APR 29 2002

**TO:** Laura A. Dummit  
Director, Health Care—Medicare Payment Issues

**FROM:** Thomas A. Scully *Tan Scully*  
Center for Medicare & Medicaid Services

**SUBJECT:** General Accounting Office (GAO) Draft Report, *MEDICARE HOME HEALTH CARE: Payments to Home Health Agencies Are Considerably Higher than Costs* (GAO-02-663)

Thank you for the opportunity to review the above-subject report.

The GAO report presents data supporting the conclusion that Congress should consider retaining the statutorily required reduction to home health payments in FY 2003. Although, GAO acknowledges their analysis was based on data from the first six months of 2001, their initial observations are consistent with our preliminary data analysis for the first year of PPS.

We note, however, the data are susceptible to other interpretations. Cost report data for the first year of prospective payment system (PPS) are not currently available and will not be available for some time. Without that data, it cannot be known with certainty what it costs the home health agencies (HHAs) to render the services provided.

In the April, 2000 report entitled "*Medicare Home Health Care: Prospective Payment System Will Need Refinement as Data Become Available*" (GAO-HEHS-00-9), GAO suggested that a risk-sharing arrangement limiting the amount an home health agency (HHA) can lose or gain under a (PPS) would involve a year-end settlement that compares an HHA's actual Medicare allowable costs with its total Medicare payments. Payments above the costs would be constrained to a specific percentage, as would agency losses. Both phases of the PPS demonstration included this form of risk-sharing.

The CMS believes that risk-sharing is administratively incompatible with and is conceptually contrary to the principles of PPS. Risk-sharing was one of many features of early research on PPS that were used to entice voluntary participation in the demonstration.

The GAO proposal would potentially require Medicare to provide additional payments to an HHA at the end of the year if the HHA's costs were higher than its total PPS payments capped at a certain percentage. Or, in the alternative, GAO would require Medicare to

Page 2- Laura A. Dummit

recoup payments already made to the HHA if the HHA's costs were lower than its total PPS payments capped at a certain percentage. These proposals are at odds with the most beneficial features of prospective payment systems – ensuring that all payments occur in a predictable and timely manner. A cost-based risk-sharing provision would reinstate retrospective reimbursement.

In addition, the data needed to implement GAO's suggestion are not readily available for end-of-the-year adjustments. Agency-specific cost report data are required to determine cost margins, and the earliest clean cost reports are settled, without fiscal intermediary fieldwork or audit work, 18 months after the end of an HHA's cost reporting period. For a clean cost report, 18 months after the end of an HHA's cost reporting period is the earliest point Medicare would be able to compare an HHAs' allowable costs with its total PPS payments.

Further, the industry has raised issues with regulatory burden associated with cost reporting requirements. One of the Administration's goals is to reduce regulatory burden on health care providers whenever possible. A risk-sharing provision based on cost report data would perpetuate the use of cost reports in their current form and hinder attempts to reduce cost reporting burden. It would also require continued audit and review functions to a greater degree than a PPS system.

We believe the outlier policy under home health PPS mitigates GAO's concerns that HHAs with a disproportionate number of beneficiaries with extensive needs are vulnerable to underpayments. Further, CMS has the statutory authority to analyze the appropriateness of payments through case mix refinement. We will also have a greater understanding of whether HHAs are maximizing profits at the expense of quality of care versus appropriate efficiencies under a PPS when CMS has complete outcome based quality improvement data. CMS will continue its ongoing analysis to ensure appropriate levels of service and determine if quality of care is compromised, to track changes in agency behavior and assess the short-term and longer-term effects of PPS.

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# Appendix III: GAO Contacts and Staff Acknowledgments

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## GAO Contacts

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## Staff Acknowledgments

In addition to those named above, Leslie V. Gordon, Dan Lee, Carolyn Manuel-Barkin, Lynn Nonnemaker, and Paul M. Thomas made key contributions to this report.

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