

**Final Staff Recommendation on QBR and MHAC Magnitudes and  
Scaling for the FY 2013 Update to Hospital Rates**

October 12, 2011

This document represents a final amended recommendation approved by the Commission at the October 12, 2011 meeting.

## Introduction

The HSCRC quality-based scaling methodologies and magnitudes “at risk” are important policy tools for providing strong incentives for hospitals to improve their quality performance over time. This document presents recommendations for the scaling magnitudes and methodologies to translate scores into rate updates for the Quality-based Reimbursement (“QBR”) and Maryland Hospital Acquired Conditions (“MHACs”) initiatives to be applied to FY 2013 rates based on the following hospital performance periods:

- QBR- CY 2011 (year ending December 31, 2011).
- MHAC- FY 2012 (year ending June 30, 2012).

Current HSCRC policy calls for the revenue neutral scaling of hospitals’ position and allocation of rewards and penalties related to performance on the HSCRC’s QBR and MHAC initiatives. The term “scaling” refers to the differential allocation of a pre-determined portion of base hospital revenue based on a distribution of hospital performance related to either relative efficiency or relative quality. The rewards (positive scaled amounts) or penalties (negative scaled amounts) are then applied to each hospital’s update factor for the rate year. The total amounts scaled will be the sum of Reasonableness of Charges (“ROC”), which is *not* addressed in this recommendation, and Quality programs’ scaling results. We also note that ROC scaling permanently impacts a hospital’s revenue base, while the scaling amounts applied for Quality performance are applied on a “one-time” basis.

The reward and penalty allocations for the quality programs are computed on a “revenue neutral” basis for the system as a whole. This means that the net increases in rates for better performing hospitals is funded entirely by net decreases in rates for poorer performing hospitals.

## Background

### *1. QBR and MHAC Measures, Scaling and Magnitude at Risk to Date*

The QBR program uses the Centers for Medicare and Medicaid Services (CMS)/Joint Commission core process measures, –e.g., aspirin is given upon arrival for the patient diagnosed with heart attack--and the newly adopted for this past year “patient experience of care” or Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) measure domains.

The MHAC program currently uses 49 of the 64 Potentially Preventable Complications developed by 3M Health Information Systems, which computes actual versus expected rates of complications adjusted for each patient by the All Patient Refined Diagnosis Related Group (APR DRG) and severity of illness (SOI) category.

For FY 2012 rates, the HSCRC scaled a maximum penalty of 0.5% of base hospital revenue for the QBR (which was the same amount as FYs 2010 and 2011), and 1% for the MHAC program (which was 0.5% in FY 2011), a total of 1.5% of hospital base revenue related to quality. The final scaling magnitudes for the QBR and MHAC programs were previously determined retrospectively at the

end of a particular year because of the hospital industry's preference to see the impact of scaling on individual hospitals in the context of the overall hospital update approved by the Commission.<sup>1</sup>

More recently, the Maryland Hospital Association has proposed that the precise magnitude set aside for quality scaling be determined prospectively. The HSCRC staff is supportive of the prospective establishment of standards and targets.

Therefore, this recommendation for quality performance, relates to rate updates applied with FY 2013 rate orders (effective July 1, 2012).

## ***2. Centers for Medicare & Medicaid Services (CMS) Value Based Purchasing (VBP) Program***

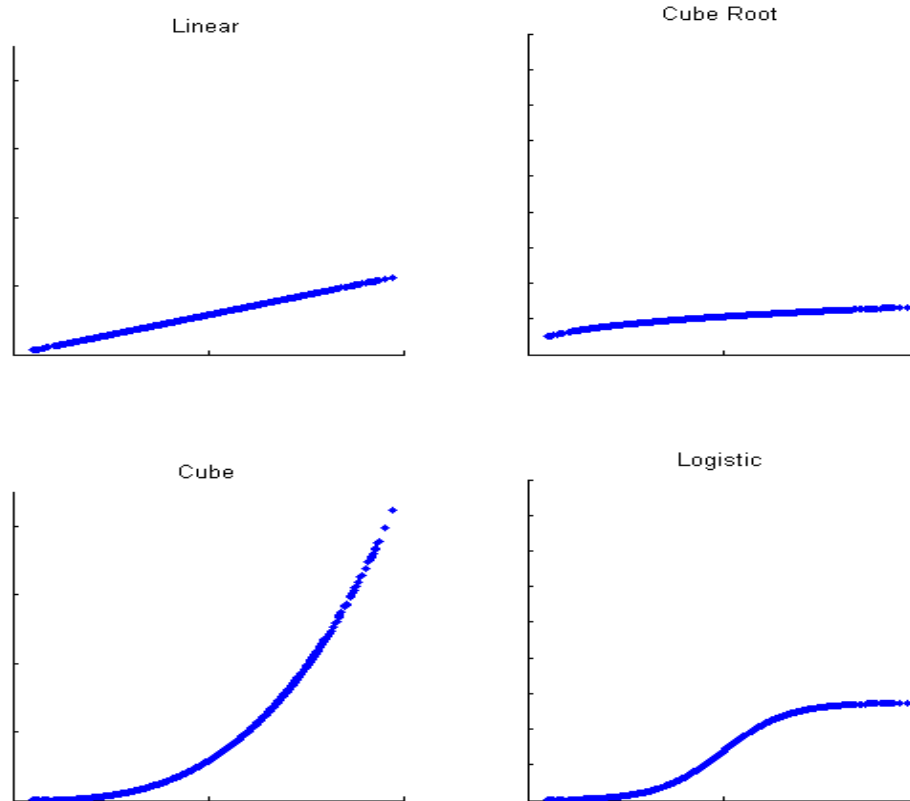
The Patient Protection and Affordable Care Act of 2010 requires CMS to fund the aggregate Hospital VBP incentive payments by reducing the base operating diagnosis-related group (DRG) payment amounts that determine the Medicare payment for each hospital inpatient discharge. The law sets the reduction at one percent in FY 2013, rising to 2 percent by FY 2017. CMS issued its VBP final rule in April 2011, the details of which are summarized below.

- ***Hospital VBP Measures-*** For the federal FY 2013 (which begins on October 1, 2012) Hospital VBP program, CMS will measure hospital performance using two domains: the clinical process of care domain and the patient experience of care domain, which is comprised of the HCAHPS survey measure.
- ***Incentive Payment Calculations-*** CMS indicates in the Final Rule that the exchange function is the means to translate a hospital's total performance score into the percentage of the value-based incentive payment earned by the hospital, and that the selection of the exact form and slope of the exchange function is of critical importance to how the incentive payments reward performance and encourage hospitals to improve the quality of care they provide. CMS considered four mathematical exchange function options: straight line (linear); concave curve (cube root function); convex curve (cube function); and S shape (logistic function) as illustrated in Figure 1 below. In evaluating each option, CMS determined that the linear function moves more aggressively to higher levels for higher performing hospitals than the cube root function, but not as aggressively as the logistic and cube functions, and that the linear exchange function ensures that all hospitals have strong incentives to continually improve the quality of care they provide to their patients. CMS indicated in the final VBP rule they may revisit the issue of the most appropriate exchange function in future rulemaking as they gain more experience under the Hospital VBP program.

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<sup>1</sup> Note: over time, both the staff and the hospital and payer industries have suggested that the Commission consider gradually increasing the amount of revenue at risk for relative quality performance in future years.

**Figure 1: Mathematical Exchanged Function Options Considered by CMS**



**Maryland VBP Exemption-** Inpatient acute care hospitals located in the State of Maryland are not currently paid under the IPPS in accordance with a special waiver provided by section 1814(b)(3) of the Social Security Act. Despite this waiver, Maryland hospitals continue to meet the definition of a “subsection (d) hospital” under section 1886(d)(1)(B) of the Social Security Act and are, therefore, not exempt from the CMS VBP program.

The Health and Human Services Secretary may exercise discretion pursuant to 1886(o)(1)(C)(iv) of the Social Security Act, which states that “the Secretary may exempt such hospitals from the application of this subsection if the State which is paid under such section submits an annual report to the Secretary describing how a similar program in the State for a participating hospital or hospitals achieves or surpasses the measured results in terms of patient health outcomes and cost savings established under this subsection.” As a precursor to future rulemaking on this topic, CMS provides further guidance indicating that:

- The report should be received prior to the Secretary’s consideration of whether to exercise discretion.
- A State shall submit, in writing and electronically, a report pursuant to section 1886(o)(1)(C)(iv) in a timeframe such that allows it to be received no later than October 1, 2011, which is the beginning of the fiscal year prior to FY 2013.
- The report should be as specific as possible in describing the quality (and other) measures included and in describing the results achieved over an applicable time

period, noting that for the initial report the applicable time period would likely be before and after implementation of the state program.

Staff notes that a VBP exemption request which included a report of Maryland's health outcomes and cost savings for the MHAC and QBR programs and a support letter from Secretary Sharfstein, was submitted to HHS Secretary Sebelius on September 30, 2011.

### **3. *Quality Scaling Simulations***

CMS has indicated its future emphasis will increasingly lean toward outcomes in the VBP program. For this reason, using this past year's performance data, staff have modeled increasing magnitudes ranging from 1% (which was used for FY 2012 rate adjustments) to 2% of total revenue in the scaling for the MHAC program, resulting in a range of ~\$12.5M to ~\$25M being redistributed for performance. For the QBR program, staff modeled 0.5% of revenue resulting in ~\$7.5M of revenue being redistributed. A summary of the scaling amounts simulated for the MHAC and QBR programs is presented in Appendix I of this document. The MHAC simulation was discussed with MHA, hospital, and payer representatives in the September 9, 2011 Payment Work Group. The Commission will note that each magnitude scenario modeled varies in terms of the degree of scaling aggressiveness. In general, staff believes that, for the purposes of both improving quality and improving the prospect of receiving a VBP exemption, stronger incentives for improved quality are better than weaker incentives.

For the MHAC initiative, computation of the expected values for each MHAC by APR DRG and SOI cell uses the statewide average value as the benchmark for determining the expected rates. Staff notes there was discussion regarding reducing the benchmarks by 10% (to 90% of state average). However, ultimately, the Commission kept the statewide average standard for FY 2012.

As noted above, the quality scaling for each program is designed to be revenue neutral for the system as a whole. This means that the amounts allocated to better performing hospitals (rewards) must precisely match the penalties applied to poorer performing hospitals. The amount of revenue available for scaling then is a function of both a predetermined maximum amount of penalty (1% for MHAC in FY 2012) and the distribution of the hospitals on the quality index. To translate the hospitals' performance scores into rate adjustments, the scaling is linear, consistent with CMS VBP, with a maximum penalty defined by the total percentage of revenue at risk.

## **Staff Recommendations**

For FY 2013 QBR and MHAC scaling, staff recommends:

1. Allocating 0.5% of hospital approved inpatient revenue for QBR relative performance;
2. Allocating 2.0% of hospital approved inpatient revenue for MHAC relative performance;
3. Using the linear scaling approach adopted by CMS for the VBP program for both the QBR and MHAC programs;
4. Continuing to use the statewide average as the benchmark to establish the expected MHAC values;

5. Scaling the revenue such that the maximum penalty for the poorest performing hospital is the total percent magnitude of revenue scaled for that program on a revenue neutral basis for the system; and,
6. Continuing to monitor performance of MHACs into FY 2012 and considering whether any methodology changes should be considered for FY 2014 rates. Some of the concepts raised by the Payment Work Group participants included:
  - Developing and applying an improvement factor;
  - Considering adding new/additional revenue for high performance (not maintaining revenue neutrality); and,
  - Establishing a “safe zone” for poor performing hospitals.

# Appendix 1

**Table 1. Summary Results of Scaling Simulations for FY 2011 MHAC Data (Benchmark=Statewide Average)**

Updated October 4, 2011

| Hospid                               | Hospital Name                        | Total CPC Revenue (\$) | % of at Risk Revenue | Maximum Penalty of 2.00% of Hospital Inpatient CPC Revenue |                          | Maximum Penalty of 1.75% of Hospital Inpatient CPC Revenue |                     | Maximum Penalty of 1.50% of Hospital Inpatient CPC Revenue |                     | Maximum Penalty of 1.00% of Hospital Inpatient CPC Revenue |                     |
|--------------------------------------|--------------------------------------|------------------------|----------------------|--|--------------------------|--|---------------------|--|---------------------|--|---------------------|
|                                      |                                      |                        |                      | Scaled Percent   | Scaled Revenue (\$)      | Scaled Percent   | Scaled Revenue (\$) | Scaled Percent   | Scaled Revenue (\$) | Scaled Percent   | Scaled Revenue (\$) |
|                                      |                                      |                        |                      | 210015   | Franklin Square Hospital | 251,050,912  | 1.60%               | -2.00%   | -5,021,018          | -1.75%   | -4,393,391          |
| 210003                               | Prince Georges Hospital              | 171,570,805            | 1.42%                | -1.77%   | -3,045,382               | -1.55%   | -2,664,709          | -1.33%   | -2,284,036          | -0.89%   | -1,522,691          |
| 210030                               | Chester River Hospital Center        | 27,448,470             | 1.37%                | -1.71%   | -470,055                 | -1.50%   | -411,298            | -1.28%   | -352,541            | -0.86%   | -235,028            |
| 210060                               | Fort Washington Medical Center       | 22,194,884             | 1.14%                | -1.43%   | -316,277                 | -1.25%   | -276,742            | -1.07%   | -237,208            | -0.71%   | -158,139            |
| 210057                               | Shady Grove Adventist Hospital       | 208,746,000            | 1.00%                | -1.25%   | -2,609,325               | -1.09%   | -2,283,159          | -0.94%   | -1,956,994          | -0.62%   | -1,304,663          |
| 210034                               | Harbor Hospital Center               | 130,564,560            | 0.96%                | -1.20%   | -1,566,775               | -1.05%   | -1,370,928          | -0.90%   | -1,175,081          | -0.60%   | -783,387            |
| 210032                               | Union Hospital of Cecil County       | 66,178,058             | 0.93%                | -1.16%   | -769,320                 | -1.02%   | -673,155            | -0.87%   | -576,990            | -0.58%   | -384,660            |
| 210018                               | Montgomery General Hospital          | 90,153,792             | 0.82%                | -1.03%   | -924,076                 | -0.90%   | -808,567            | -0.77%   | -693,057            | -0.51%   | -462,038            |
| 210016                               | Washington Adventist Hospital        | 186,493,830            | 0.67%                | -0.84%   | -1,561,886               | -0.73%   | -1,366,650          | -0.63%   | -1,171,414          | -0.42%   | -780,943            |
| 210051                               | Doctors Community Hospital           | 110,413,660            | 0.62%                | -0.77%   | -855,706                 | -0.68%   | -748,743            | -0.58%   | -641,779            | -0.39%   | -427,853            |
| 210002                               | Univ. of Maryland Medical Center     | 567,218,249            | 0.58%                | -0.73%   | -4,112,332               | -0.63%   | -3,598,291          | -0.54%   | -3,084,249          | -0.36%   | -2,056,166          |
| 210012                               | Sinai Hospital                       | 345,854,256            | 0.52%                | -0.65%   | -2,248,053               | -0.57%   | -1,967,046          | -0.49%   | -1,686,039          | -0.33%   | -1,124,026          |
| 210027                               | Western Maryland Health System       | 156,467,241            | 0.44%                | -0.55%   | -860,570                 | -0.48%   | -752,999            | -0.41%   | -645,427            | -0.28%   | -430,285            |
| 210007                               | St. Josephs Hospital                 | 218,909,250            | 0.30%                | -0.38%   | -820,910                 | -0.33%   | -718,296            | -0.28%   | -615,682            | -0.19%   | -410,455            |
| 210024                               | Union Memorial Hospital              | 233,942,808            | -0.03%               | 0.01%  | 28,124                   | 0.01%  | 24,609              | 0.01%  | 21,093              | 0.01%  | 14,062              |
| 210023                               | Anne Arundel General Hospital        | 234,949,442            | -0.24%               | 0.10%  | 225,962                  | 0.08%  | 197,717             | 0.07%  | 169,472             | 0.05%  | 112,981             |
| 210054                               | Southern Maryland Hospital           | 145,187,599            | -0.25%               | 0.10%  | 145,452                  | 0.09%  | 127,271             | 0.08%  | 109,089             | 0.05%  | 72,726              |
| 210061                               | Atlantic General Hospital            | 35,251,727             | -0.53%               | 0.21%  | 74,870                   | 0.19%  | 65,511              | 0.16%  | 56,152              | 0.11%  | 37,435              |
| 210001                               | Meritus Medical Center               | 132,898,857            | -0.61%               | 0.24%  | 324,864                  | 0.21%  | 284,256             | 0.18%  | 243,648             | 0.12%  | 162,432             |
| 210043                               | Baltimore Washington Medical Center  | 191,973,170            | -0.67%               | 0.27%  | 515,425                  | 0.23%  | 450,997             | 0.20%  | 386,569             | 0.13%  | 257,713             |
| 210055                               | Laurel Regional Hospital             | 58,282,350             | -0.74%               | 0.30%  | 172,830                  | 0.26%  | 151,226             | 0.22%  | 129,623             | 0.15%  | 86,415              |
| 210009                               | Johns Hopkins Hospital               | 772,947,938            | -0.86%               | 0.34%  | 2,663,785                | 0.30%  | 2,330,812           | 0.26%  | 1,997,839           | 0.17%  | 1,331,893           |
| 210048                               | Howard County General Hospital       | 143,773,213            | -0.89%               | 0.36%  | 512,765                  | 0.31%  | 448,670             | 0.27%  | 384,574             | 0.18%  | 256,383             |
| 210005                               | Frederick Memorial Hospital          | 167,617,824            | -0.97%               | 0.39%  | 651,542                  | 0.34%  | 570,099             | 0.29%  | 488,657             | 0.19%  | 325,771             |
| 210022                               | Suburban Hospital Association, Inc   | 143,236,016            | -1.14%               | 0.46%  | 654,346                  | 0.40%  | 572,553             | 0.34%  | 490,760             | 0.23%  | 327,173             |
| 210040                               | Northwest Hospital Center, Inc.      | 123,733,548            | -1.14%               | 0.46%  | 565,253                  | 0.40%  | 494,596             | 0.34%  | 423,940             | 0.23%  | 282,626             |
| 210044                               | Greater Baltimore Medical Center     | 207,786,312            | -1.19%               | 0.48%  | 990,865                  | 0.42%  | 867,007             | 0.36%  | 743,149             | 0.24%  | 495,432             |
| 210035                               | Civista Medical Center               | 65,638,300             | -1.24%               | 0.50%  | 326,159                  | 0.43%  | 285,389             | 0.37%  | 244,619             | 0.25%  | 163,080             |
| 210056                               | Good Samaritan Hospital              | 188,747,898            | -1.39%               | 0.56%  | 1,051,350                | 0.49%  | 919,932             | 0.42%  | 788,513             | 0.28%  | 525,675             |
| 210004                               | Holy Cross Hospital of Silver Spring | 277,393,654            | -1.56%               | 0.63%  | 1,734,090                | 0.55%  | 1,517,329           | 0.47%  | 1,300,568           | 0.31%  | 867,045             |
| 210029                               | Johns Hopkins Bayview Med. Center    | 240,870,080            | -1.72%               | 0.69%  | 1,660,206                | 0.60%  | 1,452,680           | 0.52%  | 1,245,154           | 0.34%  | 830,103             |
| 210006                               | Harford Memorial Hospital            | 53,709,990             | -1.73%               | 0.69%  | 372,350                  | 0.61%  | 325,807             | 0.52%  | 279,263             | 0.35%  | 186,175             |
| 210013                               | Bon Secours Hospital                 | 75,938,096             | -1.85%               | 0.74%  | 562,966                  | 0.65%  | 492,595             | 0.56%  | 422,224             | 0.37%  | 281,483             |
| 210039                               | Calvert Memorial Hospital            | 58,619,162             | -1.89%               | 0.76%  | 443,968                  | 0.66%  | 388,472             | 0.57%  | 332,976             | 0.38%  | 221,984             |
| 210008                               | Mercy Medical Center, Inc.           | 186,491,898            | -1.95%               | 0.78%  | 1,457,287                | 0.68%  | 1,275,126           | 0.59%  | 1,092,965           | 0.39%  | 728,644             |
| 210049                               | Upper Chesapeake Medical Center      | 117,198,436            | -2.02%               | 0.81%  | 948,689                  | 0.71%  | 830,103             | 0.61%  | 711,517             | 0.40%  | 474,344             |
| 210019                               | Peninsula Regional Medical Center    | 244,920,000            | -2.04%               | 0.82%  | 2,002,189                | 0.72%  | 1,751,915           | 0.61%  | 1,501,641           | 0.41%  | 1,001,094           |
| 210037                               | Memorial Hospital at Easton          | 89,806,444             | -2.05%               | 0.82%  | 737,755                  | 0.72%  | 645,535             | 0.62%  | 553,316             | 0.41%  | 368,877             |
| 210011                               | St. Agnes Hospital                   | 226,412,450            | -2.24%               | 0.90%  | 2,032,352                | 0.79%  | 1,778,308           | 0.67%  | 1,524,264           | 0.45%  | 1,016,176           |
| 210038                               | Maryland General Hospital            | 126,233,754            | -2.37%               | 0.95%  | 1,198,876                | 0.83%  | 1,049,017           | 0.71%  | 899,157             | 0.47%  | 599,438             |
| 210033                               | Carroll County General Hospital      | 125,397,459            | -2.52%               | 1.01%  | 1,266,309                | 0.88%  | 1,108,021           | 0.76%  | 949,732             | 0.50%  | 633,155             |
| 210010                               | Dorchester General Hospital          | 28,735,800             | -2.73%               | 1.09%  | 314,367                  | 0.96%  | 275,071             | 0.82%  | 235,775             | 0.55%  | 157,183             |
| 210028                               | St. Marys Hospital                   | 59,372,280             | -2.74%               | 1.10%  | 651,906                  | 0.96%  | 570,418             | 0.82%  | 488,929             | 0.55%  | 325,953             |
| 210045                               | McCready Foundation, Inc.            | 4,764,618              | -3.05%               | 1.22%  | 58,234                   | 1.07%  | 50,955              | 0.92%  | 43,676              | 0.61%  | 29,117              |
| 210017                               | Garrett County Memorial Hospital     | 18,325,164             | -3.27%               | 1.31%  | 240,130                  | 1.15%  | 210,114             | 0.98%  | 180,097             | 0.66%  | 120,065             |
| 210058                               | James Lawrence Kernan Hospital       | 44,033,418             | -3.38%               | 1.35%  | 596,417                  | 1.19%  | 521,864             | 1.02%  | 447,312             | 0.68%  | 298,208             |
| <b>Statewide Total Scaled Amount</b> |                                      |                        |                      |  | <b>25,181,684</b>        |  | <b>22,033,974</b>   |  | <b>18,886,263</b>   |  | <b>12,590,842</b>   |

**Table 2. QBR Scaling Simulation based on  
Clinical Process of Care (Opportunity and Appropriateness (.50/.50)) and HCAHPS CY 2010 Data  
Final Score: 70% Clinical Measures and 30% HCAHPS  
Updated on September 19, 2011**

| <b>Hospid</b>                        | <b>Hospital Name</b>                 | <b>Total CPC Revenue (\$)</b> | <b>Performance Score</b> | <b>Scaled Percent</b> | <b>Scaled Revenue (\$)</b> |
|--------------------------------------|--------------------------------------|-------------------------------|--------------------------|-----------------------|----------------------------|
| 210027                               | Western Maryland Health System       | 156,467,241                   | 0.2740                   | -0.50%                | -782,336                   |
| 210003                               | Prince Georges Hospital              | 171,570,805                   | 0.2922                   | -0.47%                | -803,847                   |
| 210044                               | Greater Baltimore Medical Center     | 207,786,312                   | 0.3734                   | -0.33%                | -681,712                   |
| 210012                               | Sinai Hospital                       | 345,854,256                   | 0.3745                   | -0.33%                | -1,128,110                 |
| 210019                               | Peninsula Regional Medical Center    | 244,920,000                   | 0.3883                   | -0.30%                | -740,425                   |
| 210038                               | Maryland General Hospital            | 126,233,754                   | 0.4117                   | -0.26%                | -330,533                   |
| 210005                               | Frederick Memorial Hospital          | 167,617,824                   | 0.4399                   | -0.21%                | -357,141                   |
| 210040                               | Northwest Hospital Center, Inc.      | 123,733,548                   | 0.4425                   | -0.21%                | -258,073                   |
| 210016                               | Washington Adventist Hospital        | 186,493,830                   | 0.4463                   | -0.20%                | -376,716                   |
| 210055                               | Laurel Regional Hospital             | 58,282,350                    | 0.4555                   | -0.19%                | -108,456                   |
| 210022                               | Suburban Hospital Association, Inc   | 143,236,016                   | 0.4575                   | -0.18%                | -261,590                   |
| 210051                               | Doctors Community Hospital           | 110,413,660                   | 0.4580                   | -0.18%                | -200,692                   |
| 210045                               | McCready Foundation, Inc.            | 4,764,618                     | 0.4590                   | -0.18%                | -8,578                     |
| 210015                               | Franklin Square Hospital             | 251,050,912                   | 0.4764                   | -0.15%                | -376,426                   |
| 210011                               | St. Agnes Hospital                   | 226,412,450                   | 0.4796                   | -0.14%                | -326,952                   |
| 210060                               | Fort Washington Medical Center       | 22,194,884                    | 0.4840                   | -0.14%                | -30,362                    |
| 210057                               | Shady Grove Adventist Hospital       | 208,746,000                   | 0.4971                   | -0.11%                | -238,259                   |
| 210054                               | Southern Maryland Hospital           | 145,187,599                   | 0.5095                   | -0.09%                | -134,577                   |
| 210023                               | Anne Arundel General Hospital        | 234,949,442                   | 0.5220                   | -0.07%                | -166,985                   |
| 210029                               | Johns Hopkins Bayview Med. Center    | 240,870,080                   | 0.5223                   | -0.07%                | -169,943                   |
| 210030                               | Chester River Hospital Center        | 27,448,470                    | 0.5302                   | -0.06%                | -15,616                    |
| 210024                               | Union Memorial Hospital              | 233,942,808                   | 0.5495                   | -0.02%                | -55,001                    |
| 210033                               | Carroll County General Hospital      | 125,397,459                   | 0.5752                   | 0.02%                 | 29,972                     |
| 210056                               | Good Samaritan Hospital              | 188,747,898                   | 0.5828                   | 0.04%                 | 73,434                     |
| 210048                               | Howard County General Hospital       | 143,773,213                   | 0.5853                   | 0.04%                 | 63,032                     |
| 210002                               | Univ. of Maryland Medical Center     | 567,218,249                   | 0.5884                   | 0.05%                 | 283,392                    |
| 210034                               | Harbor Hospital Center               | 130,564,560                   | 0.5942                   | 0.06%                 | 80,183                     |
| 210013                               | Bon Secours Hospital                 | 75,938,096                    | 0.6104                   | 0.09%                 | 70,923                     |
| 210043                               | Baltimore Washington Medical Center  | 191,973,170                   | 0.6137                   | 0.10%                 | 191,801                    |
| 210018                               | Montgomery General Hospital          | 90,153,792                    | 0.6251                   | 0.12%                 | 110,363                    |
| 210001                               | Meritus Medical Center               | 132,898,857                   | 0.6388                   | 0.15%                 | 198,636                    |
| 210017                               | Garrett County Memorial Hospital     | 18,325,164                    | 0.6400                   | 0.15%                 | 27,824                     |
| 210039                               | Calvert Memorial Hospital            | 58,619,162                    | 0.6400                   | 0.15%                 | 89,003                     |
| 210035                               | Civista Medical Center               | 65,638,300                    | 0.6536                   | 0.18%                 | 117,284                    |
| 210010                               | Dorchester General Hospital          | 28,735,800                    | 0.6584                   | 0.19%                 | 54,069                     |
| 210004                               | Holy Cross Hospital of Silver Spring | 277,393,654                   | 0.6617                   | 0.19%                 | 540,014                    |
| 210009                               | Johns Hopkins Hospital               | 772,947,938                   | 0.7123                   | 0.29%                 | 2,276,883                  |
| 210061                               | Atlantic General Hospital            | 35,251,727                    | 0.7127                   | 0.30%                 | 104,120                    |
| 210032                               | Union Hospital of Cecil County       | 66,178,058                    | 0.7210                   | 0.31%                 | 206,308                    |
| 210006                               | Harford Memorial Hospital            | 53,709,990                    | 0.7281                   | 0.33%                 | 174,968                    |
| 210049                               | Upper Chesapeake Medical Center      | 117,198,436                   | 0.7461                   | 0.36%                 | 423,439                    |
| 210007                               | St. Josephs Hospital                 | 218,909,250                   | 0.7461                   | 0.36%                 | 790,921                    |
| 210037                               | Memorial Hospital at Easton          | 89,806,444                    | 0.7753                   | 0.42%                 | 376,243                    |
| 210008                               | Mercy Medical Center, Inc.           | 186,491,898                   | 0.8072                   | 0.48%                 | 898,756                    |
| 210028                               | St. Mary's Hospital                  | 59,372,280                    | 0.8794                   | 0.62%                 | 370,761                    |
| <b>Statewide Total Scaled Amount</b> |                                      |                               |                          |                       | <b>7,552,330</b>           |