

# STATE OF MARYLAND HEALTHCHOICE ADULT AND CHILD POPULATIONS

## **CAHPS® 2010** ***4.0H Adult and Child Medicaid Survey Results***

### ***Executive Summary***

Date: November 2010

Job Number: 10-702



2191 Defense Highway, Suite 401  
Crofton, MD 21114  
Phone: 410.721.0500  
Fax: 410.721.7571  
[www.WBandA.com](http://www.WBandA.com)

## Background and Purpose

Beginning in 2008, the State of Maryland Department of Health and Mental Hygiene (DHMH) selected WB&A Market Research (WB&A), a National Committee for Quality Assurance (NCQA) certified survey vendor, to conduct its Consumer Assessment of Healthcare Providers and Systems (CAHPS<sup>®1</sup>) 4.0H Adult Medicaid Survey and 4.0H Child Medicaid Survey (with Children with Chronic Conditions (CCC) Measurement Set)<sup>2</sup>.

- Members from each of the seven HealthChoice managed care organizations (MCOs) that provide Medicaid services participated in this research:
  - AMERIGROUP Community Care,
  - Diamond Plan,
  - Jai Medical Systems,
  - Maryland Physicians Care,
  - MedStar Family Choice,
  - Priority Partners, and
  - UnitedHealthcare.

The CAHPS<sup>®</sup> 4.0H Adult and Child Medicaid Surveys measure those aspects of care for which members are the best and/or the only source of information. From these surveys, members' ratings of and experiences with the medical care they receive can be determined. Then based on members' health care experiences, potential opportunities for improvement can be identified.

- Specifically, the results obtained from these consumer surveys will allow DHMH to determine how well participating HealthChoice MCOs are meeting their members' expectations, provide feedback to the HealthChoice MCOs to improve quality of care, encourage HealthChoice MCO accountability, and develop HealthChoice MCO action to improve members' quality of care.
- Results from the CAHPS<sup>®</sup> 4.0H Adult and Child Medicaid Surveys summarize member satisfaction through ratings, composites and question Summary Rates. In general, Summary Rates represent the percentage of respondents who chose the most positive response categories as specified by NCQA.

<sup>1</sup>CAHPS<sup>®</sup> is a registered trademark of the Agency for Healthcare Research and Quality (AHRQ).

<sup>2</sup>A child with a chronic condition, included in the survey, refers to a child who currently experiences a consequence associated with a condition. The consequence results from a medical/behavioral/health condition, and the duration of the condition is expected to be at least twelve (12) months.

## Background and Purpose (continued)

In 2010, NCQA made the following revisions and additions to the CAHPS® 4.0H Adult Medicaid Survey:

- Revised measure: Medical Assistance with Smoking and Tobacco Use Cessation
  - Scope expanded to include smokeless tobacco use
  - Revised response choices for Q38, Q39 and Q40: Never, Sometimes, Usually or Always
  - Revised the denominator to include smokers and tobacco users who were not seen by a health plan practitioner during the measurement year
- New first-year measure: Aspirin Use and Discussion (ASP)
  - Q41 to Q45 collect results for two components – Aspirin Use and Discussing Aspirin Risks and Benefits
- The Maryland Department of Health and Mental Hygiene (DHMH) made no survey changes to the CAHPS® 4.0H Adult Medicaid Survey in 2010.

The National Committee for Quality Assurance (NCQA) made no survey changes to the CAHPS®<sup>1</sup> 4.0H Child Medicaid Survey (with Children with Chronic Conditions (CCC) Measurement Set) in 2010.

- The Maryland Department of Health and Mental Hygiene (DHMH) made the following revisions to the CAHPS® 4.0H Child Medicaid Survey (with Children with Chronic Conditions (CCC) Measurement Set) in 2010:
  - The following five supplemental questions pertaining to dental care were deleted:
    - In the last 6 months, did your child’s personal doctor or nurse talk to you about routine dental care?
    - In the last 6 months, did your child need to go to the dentist?
    - In the last 6 months, did your child go to a dentist from or through your child’s health plan?
    - In the last 6 months, how much of a problem, if any, was it to get a dentist in your area for your child’s needs?
    - In the last 6 months, how much of a problem, if any, was it to get an appointment your child needed?

## Research Approach

WB&A administered a mixed-methodology which, involved mail with telephone follow-up.

- Specifically, two questionnaire packages and follow-up postcards were sent to samples of eligible adult and child members from each of the seven HealthChoice MCOs with “Return Service Requested” and WB&A’s toll-free number included. The mail materials also included a toll-free number for Spanish-speaking members to complete the survey over the telephone. Those who did not respond by mail were contacted by telephone to complete the survey. During the telephone follow-up, members had the option to complete the survey in either English or Spanish.
  - The child surveys were conducted by proxy, that is, with the parent/guardian who knows the most about the sampled child’s health care.
- The NCQA required sample size is 1,350 for adult Medicaid plans and 1,650 for child Medicaid plans (General Population/Sample A). In addition to the required sample size, NCQA allows over-sampling up to 30%. DHMH elected to use this option.
  - To qualify, adult Medicaid members had to be 18 years of age or older, while child Medicaid members had to be 17 years of age or younger. Furthermore, members of both populations had to be continuously enrolled in the HealthChoice MCO for five of the last six months as of the last day of the measurement year (December 31, 2009).
- Among the child population, an additional over-sample of up to 1,840 members with diagnoses indicative of a probable chronic condition was also pulled (CCC Over-sample/Sample B). This is standard procedure when the CAHPS® 4.0H Child Medicaid Survey (with CCC Measurement Set) is administered, to ensure the validity of the information collected.
  - The CCC population is identified based on member’s responses to the CCC survey-based screening tool (questions 59 to 72), which contains five questions representing five different health consequences; four are three-part questions and one is a two-part question. A child member is identified as having a chronic condition if all parts of the question for at least one of the specific health consequences are answered “Yes”.
  - It’s important to note that the General Population data set (Sample A) and CCC Over-sample data set (Sample B) are not mutually exclusive groups. For example, if a child member is randomly selected for the CAHPS® Child Survey sample (General Population/Sample A) and is identified as having a chronic condition based on responses to the CCC survey-based screening tool, the member is included in both General and CCC Population results.

Between February and May 2010, WB&A collected 3,973 valid surveys from the eligible Medicaid adult population and 5,314 valid surveys from the eligible Medicaid child population (2,630 of the child members across all HealthChoice MCOs qualified as being children with chronic conditions based on the parent’s/guardian’s responses to the CCC survey-based screening tool).

Ineligible adult and child members included those who were deceased, did not meet eligible population criteria, or had a language barrier. In addition, adult members who were mentally or physically incapacitated were considered ineligible. Non-respondents included those who had refused to participate, could not be reached due to a bad address or telephone number, or were unable to be contacted during the survey time period.

- Ineligible surveys are subtracted from the sample size when computing a response rate.

Table 1 below shows the total number of adult and child members in the sample that fell into each disposition category:

**Table 1: Sample Dispositions**

| Disposition Group | Disposition Category                         | Adult        | Child (General Population/ Sample A) |
|-------------------|--|--------------|--------------------------------------|
| Ineligible        | Deceased (M20/T20)                           | 15           | 0                                    |
|                   | Does not meet eligibility criteria (M21/T21) | 191          | 185                                  |
|                   | Language barrier (M22/T22)                   | 59           | 267                                  |
|                   | Mentally/Physically incapacitated (M24/T24)  | 34           | N/A                                  |
|                   | <b>Total Ineligible</b>                      | <b>299</b>   | <b>452</b>                           |
| Non-Response      | Bad address/phone (M23/T23)                  | 1,157        | 1,269                                |
|                   | Refusal (M32/T32)                            | 394          | 533                                  |
|                   | Maximum attempts made (M33/T33)*             | 6,462        | 6,787                                |
|                   | <b>Total Non-Response</b>                    | <b>8,013</b> | <b>8,589</b>                         |

\*Maximum attempts made include two survey mailings and an average of six call attempts.

N/A=Not applicable to this population

Tables 2 and 3 below illustrate the number of adult and child surveys mailed, the number of completed surveys (mail and phone) and the response rate for each HealthChoice MCO.

**Table 2: Adult Survey**

| HealthChoice MCO          | Surveys Mailed | Mail and Phone Completes | Response Rate |
|---------------------------|----------------|--------------------------|---------------|
| AMERIGROUP Community Care | 1,755          | 562                      | 33%           |
| Diamond Plan              | 1,755          | 482                      | 28%           |
| Jai Medical Systems       | 1,755          | 534                      | 31%           |
| Maryland Physicians Care  | 1,755          | 619                      | 36%           |
| MedStar Family Choice     | 1,755          | 551                      | 32%           |
| Priority Partners         | 1,755          | 613                      | 36%           |
| UnitedHealthcare          | 1,755          | 612                      | 36%           |
| <b>Total HealthChoice</b> | <b>12,285</b>  | <b>3,973</b>             | <b>33%</b>    |

**Table 3: Child Survey**

| HealthChoice MCO          | Surveys Mailed |                               |   | General Population Mail and Phone Completes | CCC Respondents <sup>2</sup> | Response Rate |
|---------------------------|----------------|-------------------------------|---|---|------------------------------|---------------|
|                           | Total Child    | General Population (Sample A) | CCC Over-sample (Sample B) <sup>1</sup> |   |                              |               |
| AMERIGROUP Community Care | 3,576          | 2,145                         | 1,431                                   | 810   | 424                          | 40%           |
| Diamond Plan              | 1,674          | 1,674 <sup>3</sup>            | 0                                       | 504   | 138                          | 31%           |
| Jai Medical Systems       | 1,956          | 1,956 <sup>3</sup>            | 0                                       | 505   | 170                          | 26%           |
| Maryland Physicians Care  | 2,990          | 2,145                         | 845                                     | 897   | 481                          | 43%           |
| MedStar Family Choice     | 2,294          | 2,145                         | 149                                     | 828   | 308                          | 39%           |
| Priority Partners         | 3,907          | 2,145                         | 1,762                                   | 911   | 688                          | 44%           |
| UnitedHealthcare          | 3,044          | 2,145                         | 899                                     | 859   | 421                          | 42%           |
| <b>Total HealthChoice</b> | <b>19,441</b>  | <b>14,355</b>                 | <b>5,086</b>                            | <b>5,314</b>                                | <b>2,630</b>                 | <b>38%</b>    |

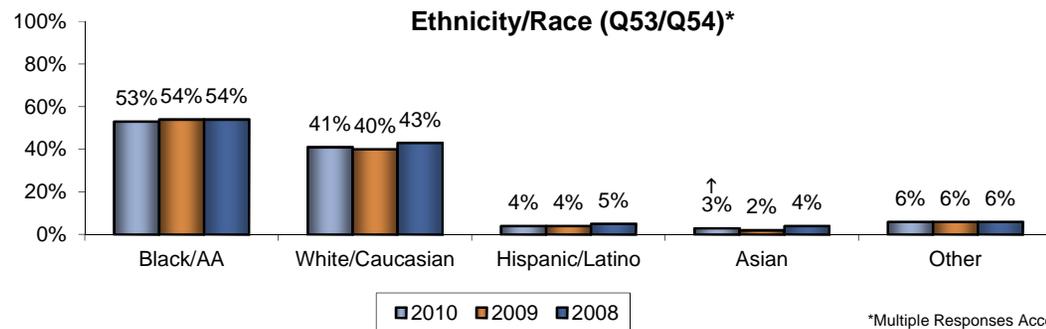
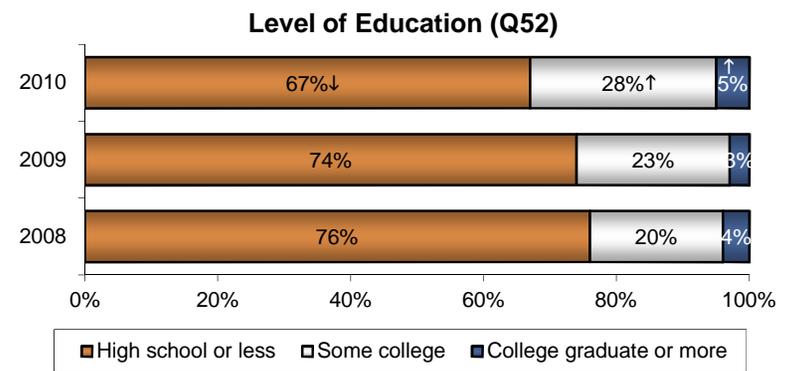
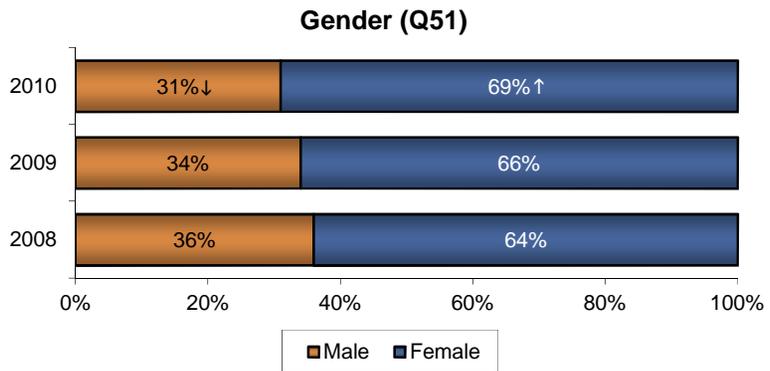
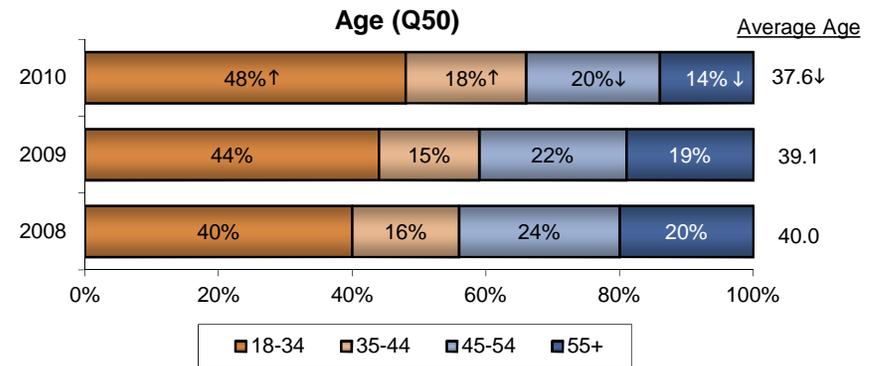
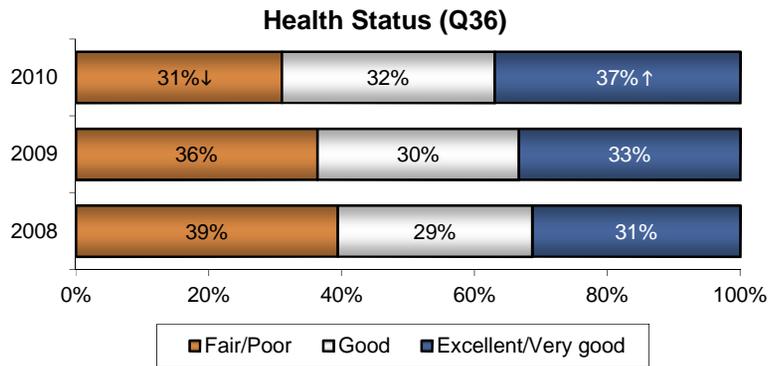
<sup>1</sup>In HealthChoice MCOs with fewer members than the required sample size (1,840), the sample includes all members with a diagnosis indicative of a probable chronic condition who were not already selected for the General Population sample.

<sup>2</sup>As explained on page 4, it is important to note that the General Population data set (Sample A) and CCC Over-sample (Sample B) data set are not mutually exclusive groups.

<sup>3</sup>Due to a small number of Diamond Plan and Jai Medical Systems members being eligible for the study, a smaller sampling frame was produced (rather than 2,145).

# Profile of Adult Members Surveyed

↑ significant increase from previous year  
↓ significant decrease from previous year



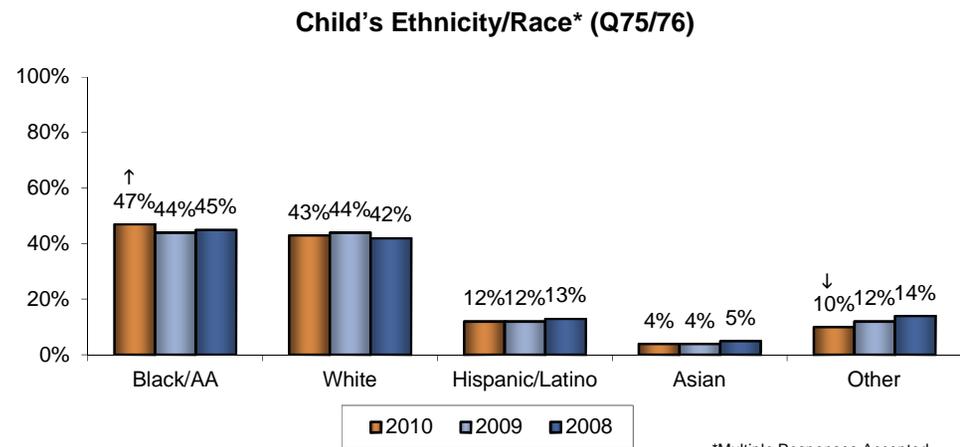
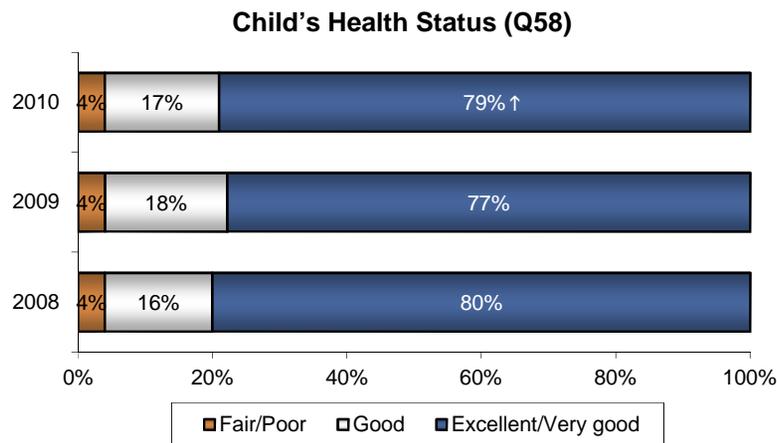
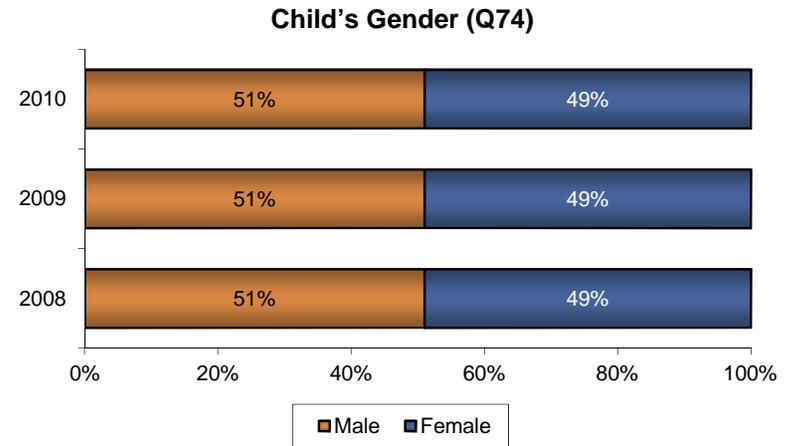
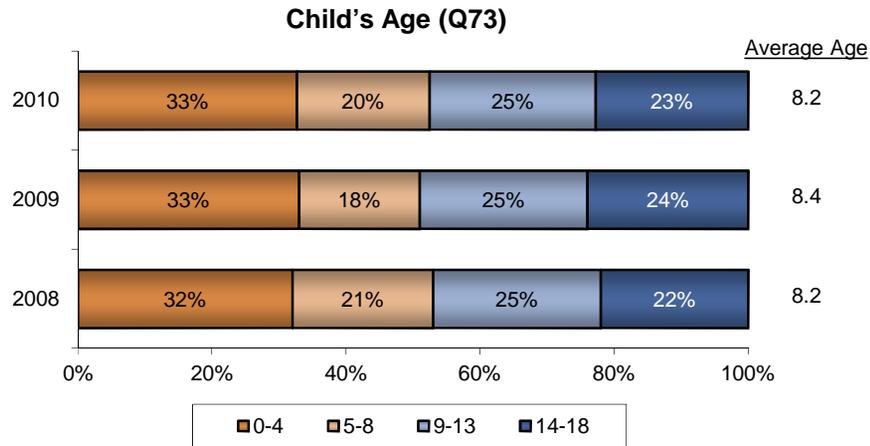
\*Multiple Responses Accepted

Base = Those answering

# Profile of Child Members Surveyed

## Child Member Profile – General Population

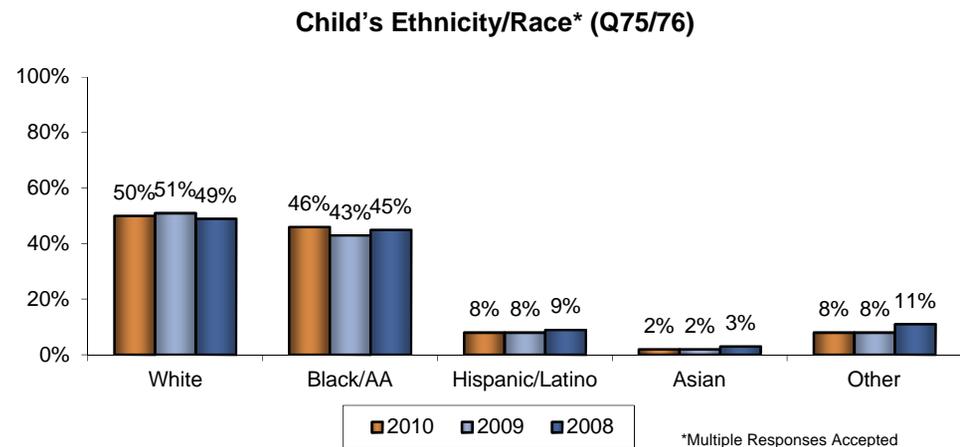
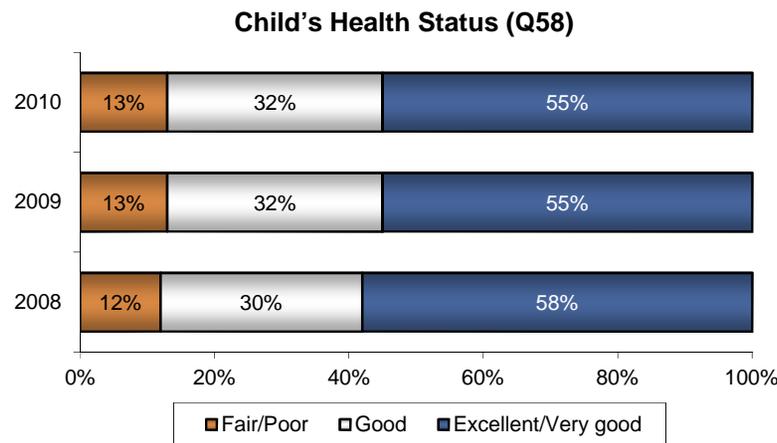
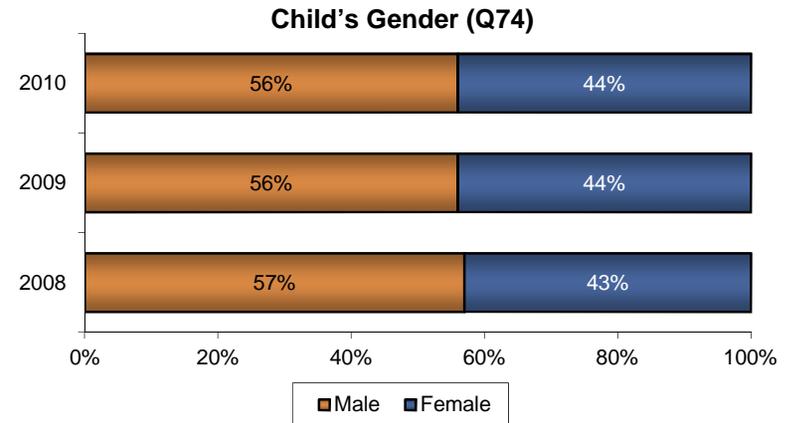
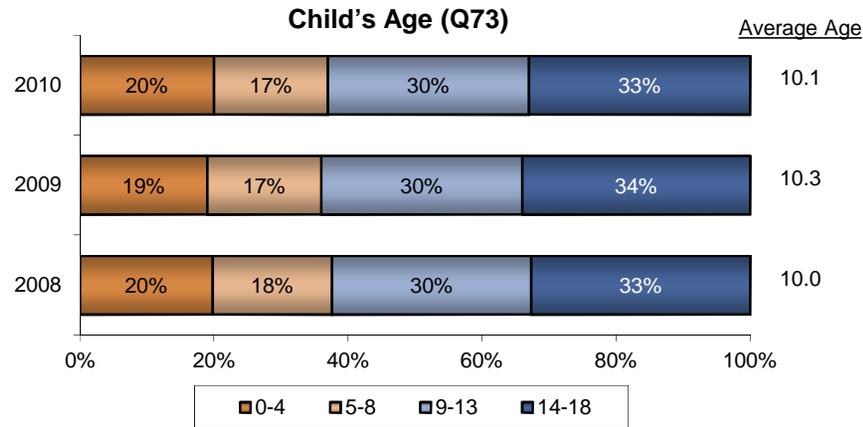
↑ significant increase from previous year  
↓ significant decrease from previous year



\*Multiple Responses Accepted

Child Member Profile – CCC Population

↑ significant increase from previous year  
↓ significant decrease from previous year



# Overall Ratings

There were four Overall Ratings questions asked in the adult and child surveys that used a scale of “0 to 10”, where a “0” represented the worst possible rating and a “10” represented the best possible rating. These measures included “Health Care”, “Personal Doctor”, “Specialist Seen Most Often” and “Health Plan”. The Summary Rate for these questions represents the percentage of members who rated the question an 8, 9 or 10.

- In order to assess how the HealthChoice MCOs’ overall ratings compared with other Medicaid adult and child plans nationwide, national benchmarks are provided. Specifically, the adult and child data are compared to the Quality Compass® benchmarks. Quality Compass® is a national database created by NCQA to provide health plans with comparative information on the quality of the nation’s managed care plans.

**Table 4: Adult Members**

| Overall Ratings (Summary Rate – 8,9,10) |                            |            |            |                 |            |            |             |            |            |             |            |            |
|---|----------------------------|------------|------------|-----------------|------------|------------|-------------|------------|------------|-------------|------------|------------|
|   | Specialist Seen Most Often |            |            | Personal Doctor |            |            | Health Plan |            |            | Health Care |            |            |
|   | 2010                       | 2009       | 2008       | 2010            | 2009       | 2008       | 2010        | 2009       | 2008       | 2010        | 2009       | 2008       |
| <b>Quality Compass®<sup>1</sup></b>     | <b>76%</b>                 | <b>76%</b> | <b>76%</b> | <b>76%</b>      | <b>76%</b> | <b>76%</b> | <b>71%</b>  | <b>73%</b> | <b>71%</b> | <b>67%</b>  | <b>68%</b> | <b>67%</b> |
| <b>HealthChoice Aggregate</b>           | <b>76%</b>                 | <b>75%</b> | <b>75%</b> | <b>75%</b>      | <b>76%</b> | <b>75%</b> | <b>67%</b>  | <b>68%</b> | <b>68%</b> | <b>66%</b>  | <b>68%</b> | <b>68%</b> |
| AMERIGROUP Community Care               | 74%                        | 75%        | 74%        | 74%             | 77%        | 73%        | 66%         | 69%        | 67%        | 68%         | 67%        | 68%        |
| Diamond Plan                            | 71%                        | 78%        | 69%        | 67%             | 73%        | 72%        | 63%         | 65%        | 62%        | 58%↓        | 70%        | 64%        |
| Jai Medical Systems                     | 74%                        | 74%        | 77%        | 77%             | 79%        | 81%        | 62%         | 66%        | 69%        | 63%         | 64%        | 69%        |
| Maryland Physicians Care                | 78%                        | 78%        | 73%        | 73%             | 71%        | 76%        | 72%         | 69%        | 68%        | 68%         | 65%        | 67%        |
| MedStar Family Choice                   | 76%                        | 79%        | 78%        | 76%↓            | 83%        | 78%        | 68%↓        | 78%        | 74%        | 69%↓        | 77%        | 74%        |
| Priority Partners                       | 78%                        | 75%        | 72%        | 78%             | 74%        | 72%        | 71%         | 70%        | 71%        | 67%         | 69%        | 66%        |
| UnitedHealthcare                        | 77%                        | 70%        | 79%        | 77%↑            | 71%        | 73%        | 63%         | 62%        | 61%        | 67%         | 63%        | 64%        |

○ HealthChoice MCO with the highest Summary Rate in 2010

Arrows (↑,↓) indicate that the particular measure is performing statistically better or worse than it did in the previous year.

<sup>1</sup>Quality Compass® is a registered trademark of NCQA.

**Table 5: Child Members - General Population**

| Overall Ratings (Summary Rate – 8,9,10) |                 |      |      |             |      |      |             |      |      |                            |      |      |
|---|-----------------|------|------|-------------|------|------|-------------|------|------|----------------------------|------|------|
|   | Personal Doctor |      |      | Health Care |      |      | Health Plan |      |      | Specialist Seen Most Often |      |      |
|   | 2010            | 2009 | 2008 | 2010        | 2009 | 2008 | 2010        | 2009 | 2008 | 2010                       | 2009 | 2008 |
| Quality Compass <sup>®1</sup>           | 85%             | 84%  | 83%  | 81%         | 79%  | 82%  | 82%         | 81%  | 80%  | 81%                        | 83%  | 80%  |
| HealthChoice Aggregate                  | 87%             | 87%  | 85%  | 82%         | 83%  | 86%  | 81%         | 82%  | 82%  | 78%                        | 79%  | 80%  |
| AMERIGROUP Community Care               | 87%             | 86%  | 83%  | 82%         | 81%  | 85%  | 82%         | 83%  | 85%  | 78%                        | 78%  | 85%  |
| Diamond Plan                            | 82%             | 84%  | 83%  | 79%         | 81%  | 83%  | 78%         | 74%  | 73%  | 73%                        | 77%  | 81%  |
| Jai Medical Systems                     | 93%             | 91%  | 88%  | 84%         | 84%  | 87%  | 78%↓        | 84%  | 81%  | 69%                        | 79%  | 80%  |
| Maryland Physicians Care                | 85%             | 86%  | 84%  | 82%         | 80%  | 85%  | 80%         | 83%  | 81%  | 77%                        | 80%  | 77%  |
| MedStar Family Choice                   | 88%             | 85%  | 87%  | 82%         | 86%  | 88%  | 83%         | 84%  | 83%  | 75%                        | 77%  | 81%  |
| Priority Partners                       | 88%             | 89%  | 84%  | 85%         | 82%  | 89%  | 85%         | 84%  | 84%  | 84%                        | 81%  | 83%  |
| UnitedHealthcare                        | 86%             | 86%  | 87%  | 81%         | 85%  | 87%  | 76%         | 78%  | 80%  | 79%                        | 82%  | 76%  |

○ HealthChoice MCO with the highest Summary Rate in 2010

Arrows (↑,↓) indicate that the particular measure is performing statistically better or worse than it did in the previous year.

<sup>1</sup>Quality Compass<sup>®</sup> is a registered trademark of NCQA.

**Table 6: Child Members - CCC Population**

| Overall Ratings (Summary Rate – 8,9,10) |                 |            |            |             |            |            |            |            |            |             |            |            |
|---|-----------------|------------|------------|-------------|------------|------------|------------|------------|------------|-------------|------------|------------|
|   | Personal Doctor |            |            | Health Care |            |            | Specialist |            |            | Health Plan |            |            |
|   | 2010            | 2009       | 2008       | 2010        | 2009       | 2008       | 2010       | 2009       | 2008       | 2010        | 2009       | 2008       |
| <b>HealthChoice Aggregate</b>           | <b>85%</b>      | <b>86%</b> | <b>84%</b> | <b>78%</b>  | <b>79%</b> | <b>83%</b> | <b>78%</b> | <b>79%</b> | <b>80%</b> | <b>77%</b>  | <b>78%</b> | <b>77%</b> |
| AMERIGROUP Community Care               | 84%             | 85%        | 80%        | 80%         | 78%        | 84%        | 82%        | 77%        | 82%        | 78%         | 79%        | 80%        |
| Diamond Plan                            | 80%             | 79%        | 85%        | 71%         | 77%        | 86%        | 83%        | 72%        | 84%        | 67%         | 66%        | 71%        |
| Jai Medical Systems                     | 95%             | 94%        | 86%        | 88%         | 83%        | 76%        | 66%        | 74%        | 79%        | 79%         | 82%        | 83%        |
| Maryland Physicians Care                | 83%             | 86%        | 86%        | 77%         | 78%        | 84%        | 77%        | 82%        | 81%        | 78%         | 80%        | 78%        |
| MedStar Family Choice                   | 85%             | 83%        | 85%        | 77%         | 83%        | 84%        | 76%        | 79%        | 80%        | 80%         | 81%        | 80%        |
| Priority Partners                       | 86%             | 88%        | 83%        | 81%         | 78%        | 84%        | 80%        | 80%        | 80%        | 79%         | 79%        | 79%        |
| UnitedHealthcare                        | 85%             | 84%        | 87%        | 73%         | 77%        | 81%        | 74%        | 78%        | 76%        | 71%         | 71%        | 70%        |

○ HealthChoice MCO with the highest Summary Rate in 2009

Arrows (↑,↓) indicate that the particular measure is performing statistically better or worse than it did in the previous year.

Composite Measures assess results for main issues/areas of concern. These composite measures were derived by combining survey results of similar questions. Specifically, it's the average of each response category of the attributes that comprise a particular service area or composite.

- The CAHPS® 4.0H Adult Medicaid Survey includes seven composite measures, defined below:

**Table 7: Adult Composite Measure Definitions**

| Composite Measure/Rating Item  | Survey Question Number | What is Measured  | Summary Rate  |
|--------------------------------|------------------------|---|---|
| Getting Needed Care            | 23 and 27              | Measures members' experiences in the last 6 months when trying to get care from specialists and through their health plan                                 | % of members who responded "Usually" or "Always"              |
| Getting Care Quickly           | 4 and 6                | Measures members' experiences with receiving care and getting appointments as soon as they needed   | % of members who responded "Usually" or "Always"              |
| How Well Doctors Communicate   | 15 – 18                | Measures how well their personal doctor explained things, listened to them, showed respect for what they had to say and spent enough time with them       | % of members who responded "Usually" or "Always"              |
| Customer Service               | 31 and 32              | Measures members' experiences with getting the information needed and treatment by Customer Service staff   | % of members who responded "Usually" or "Always"              |
| Shared Decision-Making         | 10 and 11              | Measures members' experiences with doctors discussing the pros and cons for treatment or health care and asking the member which choice was best for them | % of members who responded "Somewhat Yes" or "Definitely Yes" |
| Health Promotion and Education | 8                      | Measures members' experiences with their doctor discussing specific things to do to prevent illness   | % of members who responded "Usually" or "Always"              |
| Coordination of Care           | 20                     | Measures members' perceptions of whether their doctor is up-to-date about the care he/she received from other doctors or health providers                 | % of members who responded "Usually" or "Always"              |

# Composite Measures (continued)

The CAHPS® 4.0H Child Medicaid Survey includes seven standard composite measures, defined below:

**Table 8: Child Composite Measure Definitions**

| Composite Measure/<br>Rating Item | What is Measured  | Response Choices   | Summary Rate  |
|-----------------------------------|---|--|---|
| Getting Needed Care               | Measures members' experiences in the last 6 months when attempting to get care from doctors and specialists   | "Always, Usually, Sometimes or Never"<br>[In previous years, the response choices were "A Big Problem, A Small Problem or Not a Problem". Therefore, due to significant changes in response choices, this composite is not trendable.] | % of members who responded "Usually" or "Always"              |
| Getting Care Quickly              | Measures members' experiences with receiving care and getting appointments as soon as they wanted   | "Always, Usually, Sometimes or Never"<br>[Since two questions were dropped from this composite in the 2009 survey, this composite is not trendable.]   | % of members who responded "Usually" or "Always"              |
| How Well Doctors Communicate      | Measures how well personal doctor explains things, listens to them, shows respect for what they have to say and spends enough time with them              | "Always, Usually, Sometimes or Never"<br>[Although there were minor wording changes in the 2009 survey, this composite is still trendable.]  | % of members who responded "Usually" or "Always"              |
| Customer Service                  | Measures members' experiences with getting the information needed and treatment by customer service staff   | "Always, Usually, Sometimes or Never"<br>[In previous years, the response choices were "A Big Problem, A Small Problem or Not a Problem". Therefore, due to significant changes in response choices, this composite is not trendable.] | % of members who responded "Usually" or "Always"              |
| Shared Decision-Making            | Measures members' experiences with doctors discussing the pros and cons for treatment or health care and asking the member which choice was best for them | "Definitely Yes, Somewhat Yes, Somewhat No or Definitely No"<br>[New composite measure in the 2009 survey.]  | % of members who responded "Somewhat Yes" or "Definitely Yes" |
| Health Promotion & Education      | Measures members' experience with their doctor discussing specific things to do to prevent illness  | "Always, Usually, Sometimes or Never"<br>[New content area in the 2009 survey.]  | % of members who responded "Usually" or "Always"              |
| Coordination of Care              | Measures members' perception of whether their doctor is up-to-date about the care he/she received from other doctors or health providers                  | "Always, Usually, Sometimes or Never"<br>[New content area in the 2009 survey.]  | % of members who responded "Usually" or "Always"              |

## Composite Measures (continued)

CCC measurement composite scores are derived by combining survey results of similar questions related to basic components for successful treatment, management and support of children with chronic conditions. The table below shows how each CCC measurement set composite score is defined.

**Table 9: Additional CCC Composite Measure Definitions**

| Composite Measure/<br>Rating Item                         | What is Measured  | Response Choices  | Summary Rate                                     |
|---|---|---|--|
| Access to Prescription Medicine                           | Measures members' experiences in the last 6 months when trying to get prescription medicine   | "Always, Usually, Sometimes or Never"<br>[Since one question was dropped from this composite in the 2009 survey and the response choices to the remaining question were significantly altered, this composite is not trendable.]      | % of members who responded "Usually" or "Always" |
| Access to Specialized Services                            | Measures members' experiences with getting special medical equipment, therapy, treatment or counseling for their child  | "Always, Usually, Sometimes or Never"<br>[Since three questions were dropped from this composite in the 2009 survey and the response choices to the remaining questions were significantly altered, this composite is not trendable.] | % of members who responded "Usually" or "Always" |
| Family Centered Care: Personal Doctor who Knows Child     | Measures whether or not the provider discussed how the child is feeling, growing and behaving; as well as understands how the child's condition affects the child's and family's day-to-day life  | "Yes or No"<br>[Although there were minor wording changes in the 2009 survey, this composite is still trendable.]   | % of members who responded "Yes"                 |
| Family Centered Care: Getting Needed Information          | Measures how often providers answered members' questions  | "Always, Usually, Sometimes or Never"<br>[Since two questions were dropped from this composite in the 2009 survey, this composite is not trendable.]  | % of members who responded "Usually" or "Always" |
| Coordination of Care for Children with Chronic Conditions | Measures whether or not members received the help needed from the provider in contacting the child's school/daycare and whether anyone from their plan or the provider's office coordinated care among the different providers/services | "Yes or No"<br>[This composite was renamed to differentiate from a similar composite added to the 2009 survey and is still trendable.]  | % of members who responded "Yes"                 |

# Composite Measures (continued)

The following tables show composite measure comparisons of the seven HealthChoice MCOs.

- In order to assess how the HealthChoice MCOs' overall composite ratings compared with other Medicaid adult and child plans nationwide, national benchmarks are provided. Specifically, the adult and child data are compared to the Quality Compass<sup>®</sup> benchmarks. Quality Compass<sup>®</sup> is a national database created by NCQA to provide health plans with comparative information on the quality of the nation's managed care plans.

**Table 10: Adult Composite Measures**

| Composite Measures            |                              |   |      |      |                              |      |      |                              |      |      |                              |      |      |                              |      |      |                              |      |      |                                |      |      |
|-------------------------------|------------------------------|---|------|------|------------------------------|------|------|------------------------------|------|------|------------------------------|------|------|------------------------------|------|------|------------------------------|------|------|--------------------------------|------|------|
|                               | Shared Decision-Making       |   |      |      | How Well Doctors Communicate |      |      | Getting Care Quickly         |      |      | Customer Service             |      |      | Coordination of Care         |      |      | Getting Needed Care          |      |      | Health Promotion and Education |      |      |
|                               | Def-initely Yes <sup>2</sup> | Summary Rate: Definitely Yes/Somewhat Yes |      |      | Summary Rate: Always/Usually |      |      |                                |      |      |
|                               | 2010                         | 2010                                      | 2009 | 2008 | 2010                         | 2009 | 2008 | 2010                         | 2009 | 2008 | 2010                         | 2009 | 2008 | 2010                         | 2009 | 2008 | 2010                         | 2009 | 2008 | 2010                           | 2009 | 2008 |
| Quality Compass <sup>®1</sup> | 60%                          |   |      |      | 87%                          | 87%  | 87%  | 79%                          | 80%  | 80%  | 79%                          | 80%  | 79%  | 76%                          | 76%  | 76%  | 75%                          | 76%  | 75%  | 57%                            | 57%  | 56%  |
| HealthChoice Aggregate        | 61%                          | 90%                                       | 89%  | 92%  | 87%                          | 87%  | 87%  | 80%                          | 82%  | 80%  | 77%                          | 78%  | 77%  | 76%                          | 78%  | 78%  | 74%                          | 74%  | 73%  | 62%                            | 62%  | 62%  |
| AMERIGROUP Community Care     | 58%                          | 89%                                       | 89%  | 90%  | 86%                          | 89%  | 86%  | 77%                          | 81%  | 74%  | 79%                          | 78%  | 79%  | 73%                          | 82%  | 71%  | 71%                          | 70%  | 70%  | 57%                            | 59%  | 61%  |
| Diamond Plan                  | 62%                          | 90%                                       | 88%  | 93%  | 83%                          | 85%  | 85%  | 78%                          | 78%  | 81%  | 77%                          | 75%  | 77%  | 73%                          | 71%  | 73%  | 68%                          | 66%  | 61%  | 62%                            | 64%  | 61%  |
| Jai Medical Systems           | 62%                          | 89%                                       | 90%  | 91%  | 87%                          | 89%  | 89%  | 78%                          | 80%  | 80%  | 74%                          | 76%  | 77%  | 80%                          | 85%  | 84%  | 74%                          | 76%  | 78%  | 67%                            | 66%  | 67%  |
| Maryland Physicians Care      | 61%                          | 90%                                       | 86%  | 92%  | 85%                          | 85%  | 87%  | 81%                          | 83%  | 83%  | 74%                          | 81%  | 72%  | 74%                          | 77%  | 80%  | 76%                          | 75%  | 75%  | 63%                            | 61%  | 60%  |
| MedStar Family Choice         | 59%                          | 89%                                       | 90%  | 94%  | 89%                          | 89%  | 89%  | 84%                          | 87%  | 80%  | 86%                          | 85%  | 80%  | 76%                          | 78%  | 80%  | 79%                          | 82%  | 80%  | 67%                            | 63%  | 62%  |
| Priority Partners             | 62%                          | 90%                                       | 90%  | 91%  | 87%                          | 88%  | 85%  | 80%                          | 81%  | 80%  | 73%                          | 76%  | 80%  | 75%                          | 76%  | 77%  | 76%                          | 75%  | 72%  | 56%                            | 62%  | 64%  |
| UnitedHealthcare              | 60%                          | 91%                                       | 87%  | 90%  | 89%                          | 85%  | 86%  | 81%                          | 82%  | 79%  | 77%                          | 73%  | 73%  | 83%↑                         | 74%  | 75%  | 71%                          | 70%  | 70%  | 61%                            | 58%  | 58%  |

○ HealthChoice MCO with the highest Summary Rate in 2010

Arrows (↑,↓) indicate that the particular composite measure is performing statistically better or worse than it did in the previous year.

<sup>1</sup>Quality Compass<sup>®</sup> is a registered trademark of NCQA.

<sup>2</sup>While the Summary Rate for "Shared Decision-Making" is "Definitely Yes/Somewhat Yes", Quality Compass reports only on "Definitely Yes"; therefore, both percentages are shown.

Table 11: Child Composite Measures - General Population

| Composite Measures            |                              |      |      |                             |   |      |                              |      |                              |      |                              |      |                              |      |                                |      |
|-------------------------------|------------------------------|------|------|-----------------------------|---|------|------------------------------|------|------------------------------|------|------------------------------|------|------------------------------|------|--------------------------------|------|
|                               | How Well Doctors Communicate |      |      | Shared Decision-Making      |   |      | Getting Care Quickly         |      | Coordination of Care         |      | Customer Service             |      | Getting Needed Care          |      | Health Promotion and Education |      |
|                               | Summary Rate: Always/Usually |      |      | Definitely Yes <sup>2</sup> | Summary Rate: Definitely Yes/Somewhat Yes |      | Summary Rate: Always/Usually   |      |
|                               | 2010                         | 2009 | 2008 | 2010                        | 2010                                      | 2009 | 2010                         | 2009 | 2010                         | 2009 | 2010                         | 2009 | 2010                         | 2009 | 2010                           | 2009 |
| Quality Compass <sup>®1</sup> | 91%                          | 91%  | 90%  | 66%                         |   |      | 87%                          | 86%  | 76%                          | 78%  | 80%                          | 81%  | 79%                          | 79%  | 64%                            | 61%  |
| HealthChoice Aggregate        | 93%                          | 93%  | 92%  | 68%                         | 92%                                       | 92%  | 88%                          | 89%  | 81%                          | 80%  | 76%                          | 79%  | 74%                          | 76%  | 66%↑                           | 63%  |
| AMERIGROUP Community Care     | 92%                          | 91%  | 89%  | 62%                         | 89%                                       | 91%  | 82%                          | 85%  | 86%                          | 74%  | 80%                          | 79%  | 73%                          | 76%  | 63%                            | 61%  |
| Diamond Plan                  | 90%                          | 92%  | 92%  | 62%                         | 92%                                       | 89%  | 89%                          | 89%  | 75%                          | 74%  | 72%                          | 71%  | 66%                          | 71%  | 66%                            | 63%  |
| Jai Medical Systems           | 96%                          | 96%  | 95%  | 77%                         | 94%                                       | 93%  | 91%                          | 90%  | 83%                          | 81%  | 70%                          | 80%  | 71%                          | 76%  | 74%                            | 67%  |
| Maryland Physicians Care      | 94%                          | 94%  | 91%  | 70%                         | 93%                                       | 93%  | 88%                          | 91%  | 83%                          | 79%  | 79%                          | 79%  | 80%                          | 78%  | 66%                            | 63%  |
| MedStar Family Choice         | 92%                          | 94%  | 93%  | 67%                         | 95%                                       | 93%  | 90%                          | 92%  | 78%                          | 84%  | 74%                          | 82%  | 75%                          | 83%  | 69%                            | 66%  |
| Priority Partners             | 94%                          | 94%  | 93%  | 69%                         | 91%                                       | 91%  | 88%                          | 90%  | 83%                          | 84%  | 80%                          | 84%  | 76%                          | 79%  | 67%                            | 64%  |
| UnitedHealthcare              | 93%                          | 92%  | 92%  | 67%                         | 91%                                       | 91%  | 90%                          | 87%  | 75%                          | 80%  | 77%                          | 77%  | 73%                          | 69%  | 62%                            | 60%  |

○ HealthChoice MCO with the highest Summary Rate in 2010

Arrows (↑,↓) indicate that the particular composite measure is performing statistically better or worse than it did in the previous year.

<sup>1</sup>Quality Compass<sup>®</sup> is a registered trademark of NCQA.

<sup>2</sup>While the Summary Rate for "Shared Decision-Making" is "Definitely Yes/Somewhat Yes", Quality Compass reports only on "Definitely Yes"; therefore, both percentages are shown.

Table 12: Child Composite Measures - CCC Population

| Composite Measures            |                              |            |            |   |            |                              |            |                              |            |                              |            |                              |            |                                |            |
|-------------------------------|------------------------------|------------|------------|---|------------|------------------------------|------------|------------------------------|------------|------------------------------|------------|------------------------------|------------|--------------------------------|------------|
|                               | How Well Doctors Communicate |            |            | Shared Decision-Making                    |            | Getting Care Quickly         |            | Coordination of Care         |            | Customer Service             |            | Getting Needed Care          |            | Health Promotion and Education |            |
|                               | Summary Rate: Always/Usually |            |            | Summary Rate: Definitely Yes/Somewhat Yes |            | Summary Rate: Always/Usually   |            |
|                               | 2010                         | 2009       | 2008       | 2010                                      | 2009       | 2010                         | 2009       | 2010                         | 2009       | 2010                         | 2009       | 2010                         | 2009       | 2010                           | 2009       |
| <b>HealthChoice Aggregate</b> | <b>92%</b>                   | <b>93%</b> | <b>91%</b> | <b>92%</b>                                | <b>92%</b> | <b>90%</b>                   | <b>90%</b> | <b>77%</b>                   | <b>79%</b> | <b>76%</b>                   | <b>77%</b> | <b>75%</b>                   | <b>75%</b> | <b>69%↑</b>                    | <b>66%</b> |
| AMERIGROUP Community Care     | 91%                          | 93%        | 89%        | 89%                                       | 91%        | 89%                          | 87%        | 77%                          | 80%        | 81%                          | 76%        | 77%                          | 74%        | 69%                            | 65%        |
| Diamond Plan                  | 90%                          | 92%        | 89%        | 91%                                       | 92%        | 91%                          | 88%        | 67%                          | 74%        | 65%                          | 78%        | 61%                          | 73%        | 66%                            | 59%        |
| Jai Medical Systems           | 97%                          | 97%        | 95%        | 94%                                       | 91%        | 95%                          | 91%        | 81%                          | 76%        | 71%                          | 76%        | 76%                          | 71%        | 81%                            | 72%        |
| Maryland Physicians Care      | 92%                          | 93%        | 92%        | 93%                                       | 93%        | 89%                          | 92%        | 78%                          | 79%        | 74%                          | 79%        | 75%                          | 78%        | 67%                            | 68%        |
| MedStar Family Choice         | 91%                          | 93%        | 92%        | 93%                                       | 92%        | 90%                          | 92%        | 78%                          | 84%        | 74%                          | 77%        | 75%                          | 80%        | 74%                            | 67%        |
| Priority Partners             | 93%                          | 94%        | 90%        | 93%                                       | 93%        | 91%                          | 91%        | 79%                          | 79%        | 80%                          | 78%        | 77%                          | 77%        | 70%                            | 67%        |
| UnitedHealthcare              | 91%                          | 89%        | 92%        | 91%                                       | 89%        | 90%                          | 90%        | 73%                          | 75%        | 72%                          | 73%        | 72%                          | 68%        | 63%                            | 63%        |

○ HealthChoice MCO with the highest Summary Rate in 2010

Arrows (↑,↓) indicate that the particular composite measure is performing statistically better or worse than it did in the previous year.

Table 13: Child Composite Measures - CCC Population

| Additional CCC Composite Measures |                                 |            |                                      |            |            |                                 |            |   |            |            |                                |            |
|-----------------------------------|---------------------------------|------------|--------------------------------------|------------|------------|---------------------------------|------------|---|------------|------------|--------------------------------|------------|
|                                   | Access to Prescription Medicine |            | FCC: Personal Doctor Who Knows Child |            |            | FCC: Getting Needed Information |            | Coordination of Care for Children with Chronic Conditions |            |            | Access to Specialized Services |            |
|                                   | Summary Rate: Always/Usually    |            | Summary Rate: Yes                    |            |            | Summary Rate: Always/Usually    |            | Summary Rate: Yes   |            |            | Summary Rate: Always/Usually   |            |
|                                   | 2010                            | 2009       | 2010                                 | 2009       | 2008       | 2010                            | 2009       | 2010  | 2009       | 2008       | 2010                           | 2009       |
| <b>HealthChoice Aggregate</b>     | <b>90%</b>                      | <b>90%</b> | <b>90%</b>                           | <b>88%</b> | <b>87%</b> | <b>87%</b>                      | <b>88%</b> | <b>75%</b>  | <b>76%</b> | <b>76%</b> | <b>75%</b>                     | <b>74%</b> |
| AMERIGROUP Community Care         | 89%                             | 84%        | 91%                                  | 86%        | 86%        | 87%                             | 87%        | 76%   | 76%        | 76%        | 74%                            | 67%        |
| Diamond Plan                      | 88%                             | 89%        | 84%                                  | 84%        | 84%        | 87%                             | 88%        | 71%   | 70%        | 81%        | 66%                            | 77%        |
| Jai Medical Systems               | 96%                             | 89%        | 94%                                  | 91%        | 87%        | 92%                             | 91%        | 80%   | 77%        | 82%        | 80%                            | 73%        |
| Maryland Physicians Care          | 91%                             | 92%        | 90%                                  | 88%        | 89%        | 87%                             | 89%        | 73%   | 81%        | 77%        | 76%                            | 75%        |
| MedStar Family Choice             | 89%                             | 93%        | 90%                                  | 87%        | 88%        | 85%                             | 86%        | 77%   | 76%        | 74%        | 73%                            | 76%        |
| Priority Partners                 | 90%                             | 92%        | 90%                                  | 89%        | 87%        | 88%                             | 89%        | 76%   | 77%        | 76%        | 78%                            | 78%        |
| UnitedHealthcare                  | 88%                             | 89%        | 89%                                  | 88%        | 87%        | 87%                             | 85%        | 69%   | 71%        | 75%        | 72%                            | 70%        |

○ HealthChoice MCO with the highest Summary Rate in 2010  
Arrows (↑,↓) indicate that the particular composite measure is performing statistically better or worse than it did in the previous year.

## Key Drivers of Satisfaction

In an effort to identify the underlying components of adult and child members' ratings of their Health Plan and Health Care, advanced statistical techniques were employed.

- Regression analysis is a statistical technique used to determine which influences or "independent variables" (composite measures) have the greatest impact on an overall attribute or "dependent variable" (overall rating of Health Plan or Health Care).
- In addition, correlation analyses were conducted between each composite measure attribute and overall rating of Health Plan and Health Care in order to ascertain which attributes have the greatest impact.

### *Adult Medicaid Members – Key Drivers of Satisfaction with Health Plan*

Based on the 2010 findings, there are two composite measures that have a significant impact on adult members' rating of their Health Plan overall: "**Customer Service**" and "**Getting Needed Care**".

- The attribute listed below are identified as **unmet needs**<sup>1</sup> and should be considered priority areas for the HealthChoice MCOs. If performance on these attributes is improved, it could have a positive impact on adult members' overall rating of their Health Plan.
  - **Got the care, tests, or treatment you thought necessary**

### *Adult Medicaid Members – Key Drivers of Satisfaction with Health Care*

Based on the 2010 findings, the following composite measures have a significant impact on adult members' rating of their Health Care overall: "**Getting Needed Care**", "**How Well Doctors Communicate**" and "**Shared Decision-Making**".

- The attribute "**Got the care, tests, or treatment you thought necessary**" is identified as an **unmet need**<sup>1</sup> and should be considered a priority area for the HealthChoice MCOs. If performance on this attribute is improved, it could have a positive impact on adult members' overall rating of their Health Care.

<sup>1</sup>**Unmet needs** are key drivers that are of high importance to members where they perceive HealthChoice to be performing at a lower level (Summary Rate is less than 80%).

## Key Drivers of Satisfaction (continued)

### *Child Medicaid Members – Key Drivers of Satisfaction with Health Plan*

Based on the 2010 findings, there are two composite measures that have a significant impact on child members' rating of their Health Plan overall: "**Customer Service**" and "**Getting Needed Care**".

- The attribute "**Received the information or help needed from Customer Service**" is identified as an *unmet need*<sup>1</sup> and should be considered a priority area for the HealthChoice MCOs. If performance on this attribute is improved, it could have a positive impact on child members' overall rating of their Health Plan.

### *Child Medicaid Members – Key Drivers of Satisfaction with Health Care*

Based on the 2010 findings, the following composite measures have the most significant impact on child members' rating of their Health Care overall: "**Getting Care Quickly**", "**Customer Service**" and "**How Well Doctors Communicate**".

- Given some of the high ratings received, there were no attributes identified as *unmet needs*<sup>1</sup> that should be considered priority areas for improving ratings of child members' Health Care overall.
- Instead, the attributes listed below are identified as *driving strengths*<sup>2</sup> and performance in these areas should be maintained. If performance on these attributes is decreased, it could have a negative impact on child members' overall rating of their Health Care.
  - **Doctor listened carefully to you**
  - **Doctor showed respect for what you had to say**
  - **Doctor explained things in a way that was easy to understand**

<sup>1</sup>*Unmet needs* are key drivers that are of high importance to members where they perceive HealthChoice to be performing at a lower level (Summary Rate is less than 80%).

<sup>2</sup>*Driving strengths* are key drivers that are of high importance to members where they perceive HealthChoice to be performing at a higher level (Summary Rate is 90% or more).

## Glossary of Terms

- **Attributes** are the questions that relate to a specific service area or composite as specified by NCQA.
- **Composite Measures** are derived by combining the survey results of similar questions that represent an overall aspect of plan quality. Specifically, it's the average of each response category of the attributes that comprise a particular service area or composite.
- **Confidence Level** is the degree of confidence, expressed as a percentage, that a reported number's true value is between the lower and upper specified range.
- **Correlation Coefficient** is a statistical measure of how closely two variables or measures are related to each other.
- **Disposition Category** is the final status given to a member record within the sample surveyed. The category signifies both the survey administration used to complete the survey (M=Mail, T=Telephone) and the status of the member record (M21=Mail, Ineligible; T10= Phone, Complete).
- **Key Drivers** are composite measures that have been found to impact ratings of overall Health Plan and Health Care among HealthChoice MCO members as determined by regression analysis.
- **Over-Sampling** is sampling more than the minimum required sample size. The NCQA required sample size for adult Medicaid MCOs is 1,350 and the target number of completed surveys is 411. The NCQA required sample size for child Medicaid MCOs is 1,650 (General Population/Sample A) and the target number of completed surveys is 411. The Department may choose to over-sample to achieve this target if necessary. NCQA allows over-sampling of up to 30% of the required sample size to aid in collecting a suitable amount of survey returns.
- **Significance Test** is a test used to determine the probability that a given result could not have occurred by chance.
- **Summary Rates** generally represent the most favorable responses for a particular question (i.e., *Always and Usually; 8, 9 or 10; Definitely Yes and Somewhat Yes; etc.*). Keep in mind that not every question is assigned a Summary Rate.
- **Trending** is the practice of examining several years of data in a comparative way to identify common attributes.