

Oregon Health Plan Report of Results for
Health Share of Oregon (Adult Population)
2022 CAHPS® 5.1H Medicaid Member Experience Survey

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INTRODUCTION

The Oregon Health Authority (OHA) contracts with managed care organizations, also known as Coordinated Care Organizations (CCOs), to provide health care services. Understanding the experience of people who are Oregon Health Plan (OHP) members is important to clinicians, policy makers, patients and consumers, quality monitors and regulators, provider organizations, health plans, community collaboratives, and those who are responsible for monitoring and evaluating the quality of and access to health care services.

Introduced by the Agency for Healthcare Research and Quality (AHRQ) in the mid-1990s, the Consumer Assessment of Healthcare Providers and Systems (CAHPS) program encompasses the full range of standardized surveys that ask consumers and patients to report on and evaluate their experiences with health care. These surveys cover topics that are important to consumers, such as accessibility of services and communication skills of providers.

OHA conducts annual CAHPS surveys asking members to report on and evaluate their experiences with health care. These surveys cover topics that are important to consumers and focus on aspects of quality that consumers are best qualified to assess, such as the communication skills of providers and ease of access to health care services. The survey results help inform decisions for those involved with providing care to OHP members and to improve the quality of health care services.

The survey measures member satisfaction with the experience of care and gives a general indication of how well the health plan meets members' expectations. Surveyed members are asked to rate various aspects of the health plan based on their experience with the plan during the previous 6 months. In addition, the survey collects data on Effectiveness of Care measures, including influenza vaccinations and smoking cessation measures.

WHAT'S NEW IN 2022

2022 SURVEY FIELDING UPDATES

SAMPLING METHODOLOGY

OHA included Native Hawaiian/Pacific Islander as an additional race/ethnicity oversample segment this year.

SURVEY INSTRUMENTS

NCQA did not make any substantive changes to the HEDIS/CAHPS survey instruments or survey administration protocols this year and therefore, no changes were made to the core HEDIS/CAHPS survey question items.

OHA revised survey items only for the Adult Medicaid version of the survey instrument to further understand the care experience with delayed dental care and the impact of the COVID-19 pandemic. Updates to the Race, Ethnicity, Language, and Disability (REALD) question sets were made for both survey instruments as well as the addition of questions related to access to interpreter services.

UPDATES TO THE 2022 OHA CAHPS SURVEY RESULTS REPORT

CSS has made several updates to the 2022 CAHPS Results Reports:

- At least 30 valid responses must be collected for a measure result to be reportable by OHA. If the number of valid responses is less than 30, "NR" (i.e., not reportable) is displayed throughout the report, indicating that the results are not reportable by OHA.
- The Member Profile and Analysis of Plan Ratings by Member Segment section has been updated for revised primary race survey item.
- The CSS Key Driver Model has been updated using CSS's Book-of-Business data collected over the past two years.
- An updated Health Plan Quality Improvement Resource Guide is included.

EXECUTIVE SUMMARY

CSS administered the Adult Medicaid version of the 2022 CAHPS Health Plan Survey for the Oregon Health Authority on behalf of Health Share of Oregon, hereafter referred to as Health Share between January 25 and May 2, 2022.

The final survey sample for Health Share included 1,100 members. During the survey fielding period, 202 sample members completed the survey. After final survey eligibility criteria were applied, the resulting NCQA response rate was 18.81 percent.

This Executive Summary focuses on key CAHPS performance metrics, including year-over-year changes in results and comparisons to relevant state Oregon Health Plan benchmarks. Also identified are top organizational priorities for quality improvement based on CSS's *Key Driver Analysis*.

RESULTS ON KEY SURVEY MEASURES

STATISTICALLY SIGNIFICANT IMPROVEMENTS OR DECLINES COMPARED TO 2021

| Reportable Rate IMPROVED | Reportable Rate DECLINED |
|-------------------------------------------|---------------------------------------|
| No statistically significant improvements | No statistically significant declines |

STATISTICALLY SIGNIFICANT DIFFERENCES FROM STATE OREGON HEALTH PLAN

| Reportable Rate ABOVE Benchmark | | Reportable Rate BELOW Benchmark |
|---------------------------------|--------------|---------------------------------|
| | 2022 State O | HP |
| None | None | |

TOP PRIORITIES FOR QUALITY IMPROVEMENT

CSS's Key Driver Analysis identifies the areas of health plan performance and aspects of member experience that shape members' overall assessment of their health plan. To the extent that these specific areas or experiences can be improved, the overall rating of the plan should reflect these gains. Up to five quality improvement opportunities with the highest return on investment for Health Share are identified below. Effective interventions in these areas have the greatest potential impact on the Rating of Health Plan score.

Top Priorities for Quality Improvement

- 1. Improving health plan provider network (highly-rated personal doctors)
- 2. Improving member access to care (ease of getting needed care, tests, or treatment)
- 3. Improving the ability of the health plan customer service to provide necessary information or help
- 4. Improving health plan provider network (highly-rated specialists)
- 5. Improving member access to care (getting an appointment for urgent care as soon as needed)

All results reported in this section are based on the rates of members answering 8, 9 or 10 for the overall rating questions and *Usually* or *Always* for all other CAHPS measures.

The remainder of this report examines these and other findings in greater detail.

SURVEY RESULTS AT A GLANCE

An overview of summary measures is presented in Exhibit 1. This includes CAHPS ratings and composites and comparisons to the state Oregon Health Plan results, and prior year data (where available).

EXHIBIT 1. 2022 HEALTH SHARE ADULT MEDICAID OHA CAHPS SURVEY: RESULTS AT A GLANCE

| | | | Global Proportions and Question Summary Rates | | | | Valid Responses | | | 2022 State OHP | |
|-----------------------------------------------|-------------------------------------------------|--------|-----------------------------------------------|--------|--------------|--------|-----------------|------|------|----------------|-------------|
| CAHPS 5.0H Survey Measures | | 202 | 20 | 2 | 021 | 2022 | 2020 | 2021 | 2022 | 2022 | nace Offi |
| | | Rate | Point Change | Rate | Point Change | Rate | | | | Rate | Point Diff. |
| | Q8. Rating of All Health Care | 73.17% | [-0.95] | 69.77% | [+2.45] | 72.22% | 164 | 172 | 144 | 69.18% | [+3.04] |
| Overall Ratings | Q18. Rating of Personal Doctor | 82.95% | [-4.58] | 82.00% | [-3.62] | 78.38% | 176 | 200 | 148 | 79.40% | [-1.03] |
| (% 8, 9, or 10) | Q22. Rating of Specialist Seen Most Often | 77.78% | [+4.72] | 79.21% | [+3.29] | 82.50% | 99 | 101 | 80 | 78.44% | [+4.06] |
| | Q28. Rating of Health Plan | 70.32% | [+5.77] | 68.14% | [+7.95] | 76.09% | 219 | 226 | 184 | 72.21% | [+3.88] |
| Getting Needed Care | Getting Needed Care Composite | 82.75% | [-6.76] | 74.61% | [+1.38] | 75.98% | 133 | 141 | 115 | 78.47% | [-2.49] |
| (% Always or Usually) | Q9. Easy to get needed care | 90.24% | [-8.86] | 79.77% | [+1.61] | 81.38% | 164 | 173 | 145 | 82.18% | [-0.80] |
| (% Always or Usually) | Q20. Easy to see specialists | 75.25% | [-4.66] | 69.44% | [+1.14] | 70.59% | 101 | 108 | 85 | 74.76% | [-4.17] |
| Cattle - Cara Catalila | Getting Care Quickly Composite | 78.78% | [+1.21] | 72.89% | [+7.09] | 79.98% | 128 | 118 | 100 | 79.09% | [+0.89] |
| Getting Care Quickly (% Always or Usually) | Q4. Got urgent care as soon as needed | 83.67% | [-3.39] | 72.94% | [+7.34] | 80.28% | 98 | 85 | 71 | 80.25% | [+0.03] |
| (% Always or Usually) | Q6. Got routine care as soon as needed | 73.89% | [+5.80] | 72.85% | [+6.84] | 79.69% | 157 | 151 | 128 | 77.94% | [+1.75] |
| | How Well Doctors Communicate Composite | 94.07% | [-2.33] | 92.47% | [-0.73] | 91.74% | 131 | 156 | 118 | 91.55% | [+0.19] |
| How Well Doctors | Q12. Doctor explained things | 96.92% | [-6.25] | 92.95% | [-2.27] | 90.68% | 130 | 156 | 118 | 92.06% | [-1.38] |
| Communicate* | Q13. Doctor listened carefully | 93.89% | [-1.52] | 92.95% | [-0.58] | 92.37% | 131 | 156 | 118 | 91.22% | [+1.15] |
| (% Always or Usually) | Q14. Doctor showed respect | 93.85% | [-0.63] | 95.51% | [-2.29] | 93.22% | 130 | 156 | 118 | 93.04% | [+0.18] |
| | Q15. Doctor spent enough time | 91.60% | [-0.93] | 88.46% | [+2.22] | 90.68% | 131 | 156 | 118 | 89.86% | [+0.82] |
| Contain a Camila | Customer Service Composite | 89.80% | [+0.50] | 92.40% | [-2.10] | 90.30% | 98 | 79 | 67 | 89.07% | [+1.23] |
| Customer Service | Q24. Provided needed information/help | 83.67% | [+1.40] | 86.08% | [-1.00] | 85.07% | 98 | 79 | 67 | 83.67% | [+1.41] |
| (% Always or Usually) | Q25. Treated with courtesy/respect | 95.92% | [-0.40] | 98.72% | [-3.20] | 95.52% | 98 | 78 | 67 | 94.47% | [+1.05] |
| | Q17. Coordination of Care (% Always or Usually) | 88.51% | [-6.01] | 82.52% | [-0.02] | 82.50% | 87 | 103 | 80 | 82.28% | [+0.22] |
| | Flu Vaccinations for Adults | 45.31% | [-3.48] | 48.77% | [-6.94] | 41.83% | 192 | 203 | 153 | 36.00% | [+5.83] |
| Effectiveness of Care | Advising Smokers and Tobacco Users to Quit | 74.00% | [-14.00] | 71.15% | [-11.15] | 60.00% | 50 | 52 | 40 | 63.65% | [-3.65] |
| Measures | Discussing Cessation Medications | 58.00% | [-9.28] | 57.69% | [-8.97] | 48.72% | 50 | 52 | 39 | 46.94% | [+1.78] |
| | Discussing Cessation Strategies | 50.98% | [-3.48] | 47.06% | [+0.44] | 47.50% | 51 | 51 | 40 | 40.56% | [+6.94] |

Calculation and Reporting of Result

All rates were calculated by CSS following NCQA specifications.

The number of valid responses (n) collected for the past three consecutive years are reported. At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" and "[...]" are displayed in a lighter color, indicating that the rate and point change results are not reportable by OHA.

Rate Comparisons and Statistical Significance Testing

Comparisons to prior-year and benchmark rates were calculated prior to rounding and rounded for display. Differences in rates were tested for statistical significance using a t-test for proportions at the 95% confidence level. Statistically significant differences between the current-year rate and the comparison rate are marked with a * symbol.

ABOUT THIS REPORT

The key features of this 2022 CAHPS report, prepared by CSS for Health Share, are highlighted below.

- Survey results presented in this report were calculated following the NCQA guidelines published in *HEDIS* 2022, *Volume 3: Specifications for Survey Measures* unless otherwise noted. At least 30 valid responses must be collected for a measure result to be reportable by OHA. If the number of valid responses is less than 30, "NR" (i.e., not reportable) is displayed throughout the report, indicating that the results are not reportable by OHA.
- Throughout the report, the 2022 Health Share survey results are compared to the 2022 State OHP. The 2022 State OHP is calculated by pooling Adult Medicaid survey responses across CCOs surveyed by the Oregon Health Authority.
- Executive Summary provides a high-level overview of survey findings. This section highlights the areas where Health Share performs significantly above or below the state Oregon Health Plan benchmarks. If prior-year survey results are available, any statistically significant improvements or declines on key survey measures are also noted. Top organizational priorities for quality improvement based on CSS's Key Driver Analysis are identified.
- Summary of Survey Results presents the 2022 Health Share survey scores on key measures, including question summary rates, global proportions, and changes in rates and global proportion scores from the previous year (if applicable); and comparisons to relevant state Oregon Health Plan benchmarks. Statistically significant differences in scores are noted.
- Detailed Performance Charts are provided for the rating questions, composite measures, and individual survey items representing the various CAHPS domains of care. The 2022 Health Share QSRs and global proportions are compared to the 2022 State OHP on all measures. Where available, a three-year trend in scores is also shown.
- A one-page summary of the *Effectiveness of Care* measures includes comparisons to prior-year results (if available) as well as to the 2022 State OHP rates. All rates are calculated according to the NCQA guidelines, but are presented regardless of their eligibility for NCQA reporting.
- Member Profile and Analysis of Ratings by Member Segment compares the 2022 Health Share respondent profile to the relevant state Oregon Health Plan distribution(s) of demographic characteristics and utilization variables. Variation in Rating of Health Plan measure by member segment is examined.

- Key Driver Analysis identifies key member experience touch points that appear to drive the overall Rating of Health Plan. The CSS Key Driver Model quantifies the contribution of each key driver to the overall member assessment of the plan. The 2022 Health Share results on each key driver are compared to the highest score among all the Adult CCOs contributing to the 2022 State OHP, yielding a measure of available room for improvement in each area. The result is then weighted by the key driver's contribution to the overall Rating of Health Plan score. Opportunities for improvement are prioritized based on the expected improvement in the Health Share Rating of Health Plan score due to improved performance on the key driver measure. A separate section of the report provides some helpful resources for health plan quality improvement.
- The *Appendix* includes:
 - Score calculation guidelines and methodology
 - A glossary of terms
 - A copy of the survey instrument
 - Detailed cross-tabulations of survey responses for every survey question, with additional tables summarizing performance on key survey measures

SURVEY METHODOLOGY

SURVEY PROTOCOL AND TIMELINE

CSS administered the Adult Medicaid version of the 2022 CAHPS Health Plan Survey for the Oregon Health Authority on behalf of Health Share using a mixed methodology of internet, mail, and telephone. The Oregon Health Authority's mixed methodology consisted of the following milestones:

- A prenotification letter with an invitation to complete the survey online, which was mailed on January 25;
- An initial questionnaire with cover letter, which was mailed on February 1;
- A replacement questionnaire with cover letter, which was mailed on March 2;
- A telephone follow-up phase targeting non-respondents, with up to four telephone follow-up attempts spaced at different times of the day and on different days of the week, which started on March 22; and
- Close of data collection on May 2, 2022.

SURVEY MATERIALS

The survey instruments (both English and Spanish) used for Health Share are provided in the Appendix. CSS designed the survey following instructions from OHA and the NCQA specifications detailed in *HEDIS 2022, Volume 3: Specifications for Survey Measures* and *Quality Assurance Plan for HEDIS 2022 Survey Measures*. The materials referred to Oregon Health Plan and included the Oregon Health Authority logo on all the mailing materials.

Each survey package included a postage-paid business reply envelope. Besides the core CAHPS questions, the survey included 41 additional questions added by OHA. These included questions on mobility impairment, cultural competency, access to dental care, telemedicine, COVID-19, access to interpreter services, and REALD demographics. All mailings included a duplex English and Spanish cover letter. Members received either an English or Spanish survey based on language information provided by Oregon Health Authority. Members had the option to request the survey in the other language using a telephone request line.

The website URL and a personal web ID was listed in the prenotification letter and second survey package cover letter to complete the survey online.

SAMPLE SELECTION

CSS followed Oregon Health Authority's instructions to generate the survey sample for Health Share. For the Adult Medicaid survey, sample-eligible members were defined as plan members who were 18 years old or older as of November 30, 2021; were currently enrolled; had been continuously enrolled for six months (with no more than one enrollment break of 45 days or less); and whose primary coverage was through Medicaid.

Prior to sampling, CSS carefully inspected the member file(s) and noted any errors or irregularities found (such as incomplete contact information or subscriber numbers). Once the quality assurance process had been completed, CSS processed member addresses through the USPS National Change of Address (NCOA) service to ensure that the mailing addresses were up to date. The final sample was generated following the NCQA systematic sampling methodology, with no more than one member per household selected to receive the survey. The exception to this rule was any CCO that failed to meet the desired sample size in which case more than one member per household could be selected. CSS assigned each sampled member a unique identification number, which was used to track their progress throughout the data collection process.

The Oregon Health Authority chose to oversample for targeted race and ethnicity groups to ensure these groups were appropriately represented in the state sample. Data for those sample members only appear in the State OHP results and not the individual CCO results. Therefore, the final combined survey sample for Health Share included 1,100 members.

DATA CAPTURE

Returned mail questionnaires were recorded using either manual data entry or optical scanning. Responses recorded via manual data entry were keyed by two independent data entry operators, and any discrepancies between the two response records were flagged and reconciled by a supervisor. Individual responses on surveys recorded via optical scanning were sent to data entry operators if the scanning technology was unable to identify the specific response option selected with a predefined degree of certainty. Responses from online questionnaires were stored on CSS internal servers.

Computer Assisted Telephone Interviewing (CATI) technology was used to electronically capture survey responses obtained during telephone interviews. Members were able to complete the survey in either English or Spanish. CATI supervisors maintained quality control by monitoring the telephone interviews and response capture by interviewers in real time and auditing recorded interviews. At least 10 percent of the interviews were monitored by supervisors.

Due to the multiple outreach attempts, multiple survey responses could be received from the same sample member. In those cases, only one survey response (the most complete survey) was included in the final analysis dataset.

MEMBER DISPOSITIONS AND RESPONSE RATE

During the survey fielding period, 202 sample members completed the survey. After final survey eligibility criteria were applied, the resulting response rate was 18.81 percent. Additional detail on sample member status at the end of data collection (dispositions) is provided in Exhibit 2.

EXHIBIT 2. 2022 HEALTH SHARE ADULT MEDICAID OHA CAHPS SURVEY: SAMPLE MEMBER DISPOSITIONS AND RESPONSE RATE

| | To | | |
|--------------------------------------------|--------|------------------|----------------|
| Disposition | Number | % Initial Sample | 2022 State OHP |
| Initial Sample | 1,100 | 100.00% | |
| Disposition | | | |
| Complete and Eligible - Mail | 103 | 9.36% | 10.68% |
| Complete and Eligible - Phone | 58 | 5.27% | 5.33% |
| Complete and Eligible - Internet | 41 | 3.73% | 2.59% |
| Complete and Eligible - Total | 202 | 18.36% | 18.59% |
| Does not meet Eligible Population criteria | 11 | 1.00% | 1.54% |
| Incomplete (but Eligible) | 25 | 2.27% | 2.22% |
| Ineligible | 15 | 1.36% | 0.69% |
| - Language barrier | 5 | 0.45% | 0.23% |
| - Mentally or physically incapacitated | 6 | 0.55% | 0.63% |
| - Deceased | 4 | 0.36% | 0.17% |
| Refusal | 41 | 3.73% | 4.21% |
| Nonresponse after maximum attempts | 802 | 72.91% | 71.85% |
| Added to Do Not Call (DNC) list | 4 | 0.36% | 0.56% |
| Response Rate* | | 18.81% | 19.08% |

^{*}Response rate = Complete and Eligible Surveys/[Complete and Eligible + Incomplete (but Eligible) + Refusal + Nonresponse after maximum attempts + Added to Do Not Call (DNC) List]

SATISFACTION WITH THE EXPERIENCE OF CARE

PATIENT EXPERIENCE OF CARE MEASURES

GLOBAL RATINGS

CAHPS Health Plan Survey (version 5.1H) includes four global rating questions that utilize the scale of 0 to 10, representing the lowest and highest possible rating. Results are reported as the proportion of members selecting one of the top three ratings (8, 9, or 10).

- Rating of Personal Doctor (0 = worst personal doctor possible; 10 = best personal doctor possible)
- Rating of Specialist Seen Most Often (0 = worst specialist possible; 10 = best specialist possible)
- Rating of All Health Care (0 = worst health care possible; 10 = best health care possible)
- Rating of Health Plan (0 = worst health plan possible; 10 = best health plan possible)

CAHPS COMPOSITES

NCQA calculates results for several CAHPS composite measures. CAHPS composites combine results from related survey questions into a single measure to summarize health plan performance in the areas listed below.

- **Getting Needed Care** combines two survey questions that address member access to care. Both questions use a *Never, Sometimes, Usually*, or *Always* response scale, with *Always* being the most favorable response. Results are based on the proportion of members answering the following questions as *Usually* or *Always*.
 - In the last 6 months, how often was it easy to get the care, tests, or treatment you needed?
 - In the last 6 months, how often did you get an appointment to see a specialist as soon as you needed?

- **Getting Care Quickly** combines responses to two survey questions that address timely availability of both urgent and check-up/routine care. The questions use a *Never*, *Sometimes*, *Usually*, or *Always* scale, with *Always* being the most favorable response. Results are based on the proportion of members selecting *Usually* or *Always* in response to the following questions:
 - In the last 6 months, when you needed care right away, how often did you get care as soon as you needed?
 - In the last 6 months, how often did you get an appointment for a check-up or routine care as soon as you needed?
- **How Well Doctors Communicate** combines responses to four survey questions that address physician communication. The questions use a *Never*, *Sometimes*, *Usually*, or *Always* scale, with *Always* being the most favorable response. Results are reported as the proportion of members answering the following questions as *Usually* or *Always*:
 - In the last 6 months, how often did your personal doctor explain things in a way that was easy to understand?
 - In the last 6 months, how often did your personal doctor listen carefully to you?
 - In the last 6 months, how often did your personal doctor show respect for what you had to say?
 - In the last 6 months, how often did your personal doctor spend enough time with you?
- **Customer Service** combines responses to two survey questions that ask about member experience with the health plan's customer service. The questions use a *Never, Sometimes, Usually*, or *Always* scale, with *Always* being the most favorable response. Results are reported as the proportion of members selecting *Usually* or *Always* in response to the following questions:
 - In the last 6 months, how often did your health plan's customer service staff give you the information or help you needed?
 - In the last 6 months, how often did your health plan's customer service staff treat you with courtesy and respect?
- Coordination of Care is based on a single survey question, which uses a Never, Sometimes, Usually, or Always scale (with Always being the most favorable response). Results are based on the proportion of members selecting Usually or Always in response to the question below:
 - In the last 6 months, how often did your personal doctor seem informed and up-to-date about the care you got from these doctors or other health providers?

CALCULATION AND REPORTING OF RESULTS

QUESTION SUMMARY RATES AND COMPOSITE GLOBAL PROPORTIONS

Question Summary Rates express the proportion of respondents selecting the desired response option(s) on a survey question. Examples include percent selecting *Usually* or *Always* or percent rating 9 or 10.

Composite Global Proportions express the proportion of respondents selecting the desired response option(s) from a predefined set of two or more related questions on the survey. The proportions are calculated by first determining the relevant proportion on each survey question contributing to the composite and then averaging these proportions across all questions in the composite.

Throughout the report, all question summary rates and composite global proportions are rounded to two decimal places for display purposes (e.g., 0.23456 is displayed as 23.46%). However, all calculations involving rates and proportions, including statistical significance testing, are carried out prior to rounding. For more details on the calculations please refer to *HEDIS 2022, Volume 3: Specifications for Survey Measures* or consult Appendix A.

DENOMINATOR THRESHOLD

The denominator for an individual question is the total number of valid responses to that question. The denominator for a composite is the average number of responses across all questions in the composite (note: composite denominators are rounded for display purposes). At least 30 valid responses must be collected for a measure result to be reportable by OHA. If the rate denominator is less than 30, a measure result of "NR" (i.e., not reportable) is displayed throughout the report, indicating that the results are not reportable by OHA.

COMPARISONS TO BENCHMARKS AND PRIOR-YEAR RESULTS

Throughout the report, the 2022 Health Share results are compared to the 2022 State OHP as well as to the highest and lowest performing CCO. The 2022 State OHP is calculated by pooling Adult Medicaid survey responses across CCOs surveyed by the Oregon Health Authority.

If available, prior-year survey results are provided for comparison and year-to-year changes in results are tested for statistical significance. All the statistical tests are carried out at the 95% confidence level (i.e., there is a 95% probability that the observed difference is not due to chance).

SUMMARY OF SURVEY RESULTS

Exhibit 3 provides a high-level Health Share performance overview on key survey measures. These include overall ratings, composite global proportions, and summary rates for additional measures. Where applicable, changes in scores over time and comparisons to benchmarks are reported and tested for statistical significance.

EXHIBIT 3. 2022 HEALTH SHARE ADULT MEDICAID OHA CAHPS SURVEY: PATIENT EXPERIENCE MEASURES

| | Your Organization | | | | | | | | |
|--------------------------------------|-------------------|-----------|--------|--------------|--------|--------------|--------|-------------|--|
| Survey Measures | 20 | 2022 2021 | | 1 11 | | 2020 | | tate OHP | |
| Ratings | Rate | (n) | Rate | Point Change | Rate | Point Change | Rate | Point Diff. | |
| Rating of Personal Doctor | 78.38% | (148) | 82.00% | [-3.62] | 82.95% | [-4.58] | 79.40% | [-1.03] | |
| Rating of Specialist Seen Most Often | 82.50% | (80) | 79.21% | [+3.29] | 77.78% | [+4.72] | 78.44% | [+4.06] | |
| Rating of All Health Care | 72.22% | (144) | 69.77% | [+2.45] | 73.17% | [-0.95] | 69.18% | [+3.04] | |
| Rating of Health Plan | 76.09% | (184) | 68.14% | [+7.95] | 70.32% | [+5.77] | 72.21% | [+3.88] | |
| Composite Measures | | | | | | | | | |
| Getting Needed Care | 75.98% | (115) | 74.61% | [+1.38] | 82.75% | [-6.76] | 78.47% | [-2.49] | |
| Getting Care Quickly | 79.98% | (100) | 72.89% | [+7.09] | 78.78% | [+1.21] | 79.09% | [+0.89] | |
| How Well Doctors Communicate | 91.74% | (118) | 92.47% | [-0.73] | 94.07% | [-2.33] | 91.55% | [+0.19] | |
| Customer Service | 90.30% | (67) | 92.40% | [-2.10] | 89.80% | [+0.50] | 89.07% | [+1.23] | |
| Additional Content Areas | | | | | | | | | |
| Coordination of Care | 82.50% | (80) | 82.52% | [-0.02] | 88.51% | [-6.01] | 82.28% | [+0.22] | |

Calculation and Reporting of Results

All rates were calculated by CSS following NCQA specifications. The number of valid responses collected this year for each measure (n, or measure denominator) is reported in parentheses.

At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" and "[...]" are displayed in a lighter color, indicating that the rate and point change results are not reportable by OHA.

Rate Comparisons and Statistical Significance Testing

Comparisons to prior-year and benchmark rates were calculated prior to rounding and rounded for display. Differences in rates were tested for statistical significance using a t-test for proportions at the 95% confidence level. Statistically significant differences between the current-year rate and the comparison rate are marked with a * symbol.

DETAILED PERFORMANCE CHARTS

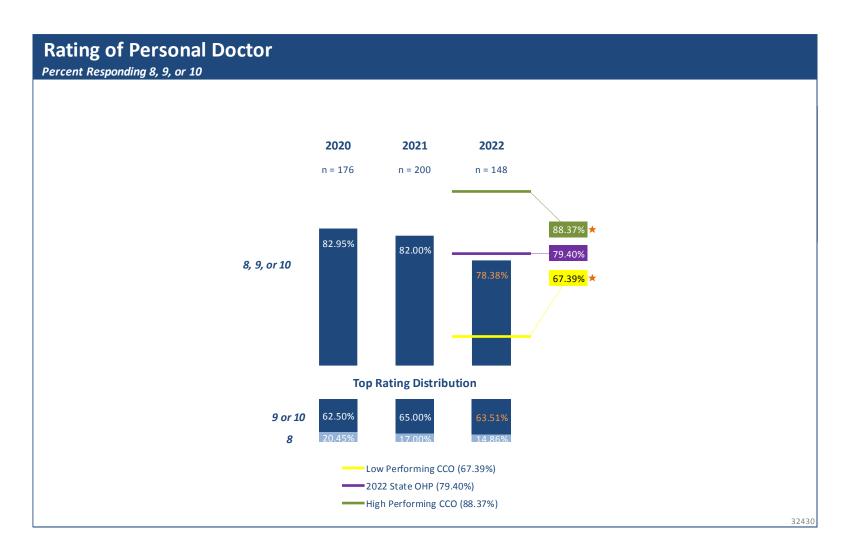
Detailed charts are provided for CAHPS composite global proportions and question summary rates. The charts have the following features:

TREND IN RESULTS

- Survey scores are trended over three consecutive years of data collection, if available. A result may not be available if the survey was not administered in a given year, if the measure is new, or if the measure is not deemed appropriate for trending. In such cases, "no data" appears in place of the score.
- Where appropriate, changes in the distribution of favorable ratings over time are shown in the *Top Rating Distribution* panel of the chart (i.e., percent responding 8 vs. percent responding 9 or 10, or percent responding *Usually* vs. percent responding *Always*).
- The number of valid responses (n) appears above each bar. At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" appears in place of n, indicating that the results are not reportable by OHA.
- Statistical comparisons are conducted between the current-year and each of the prior-year rates, if available. Differences in rates are tested for statistical significance at the 95% confidence level. Statistically significant differences are indicated with a ★ symbol next to the comparison score. For example, ★ appearing next to the 2021 rate denotes a statistically significant difference between the 2022 and 2021 rates.

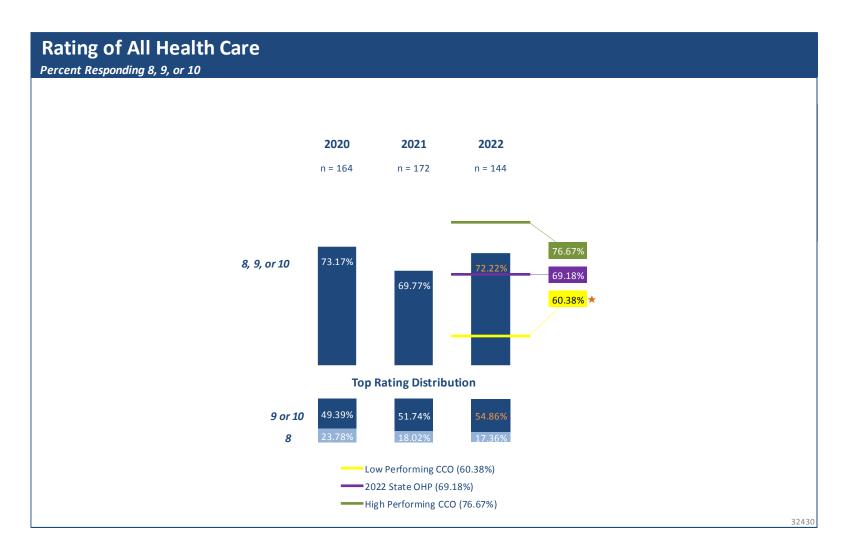
COMPARISONS TO BENCHMARKS

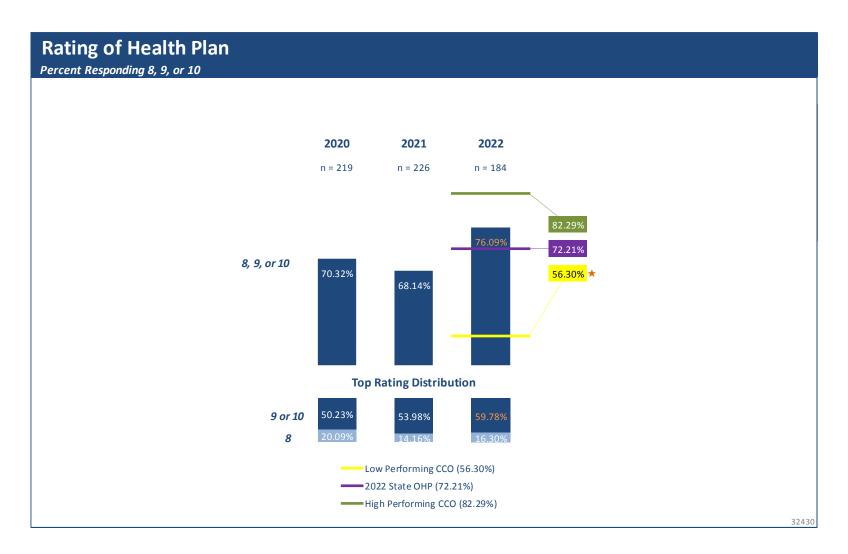
• The horizontal lines displayed on the charts correspond to the 2022 State OHP as well as to the highest and lowest performing CCO. If the 2022 score is significantly different from any of these benchmark scores at the 95% confidence level, ** appears next to the relevant score.

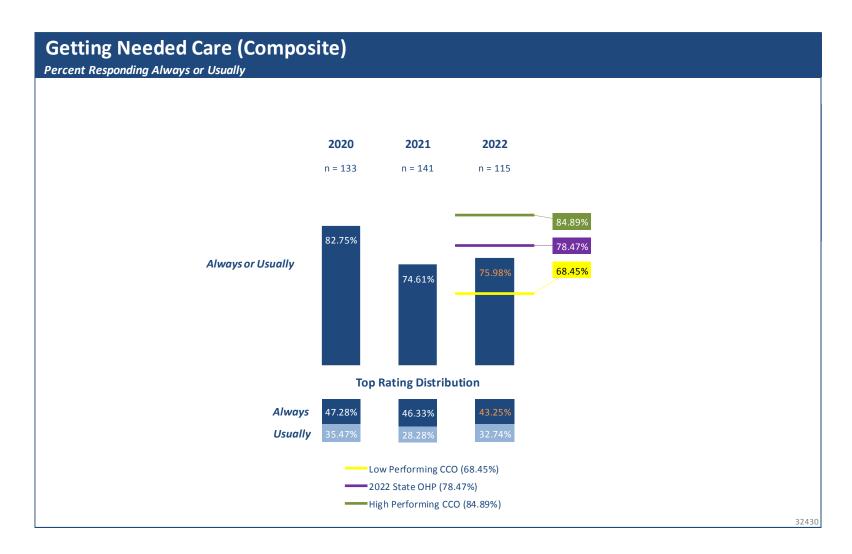


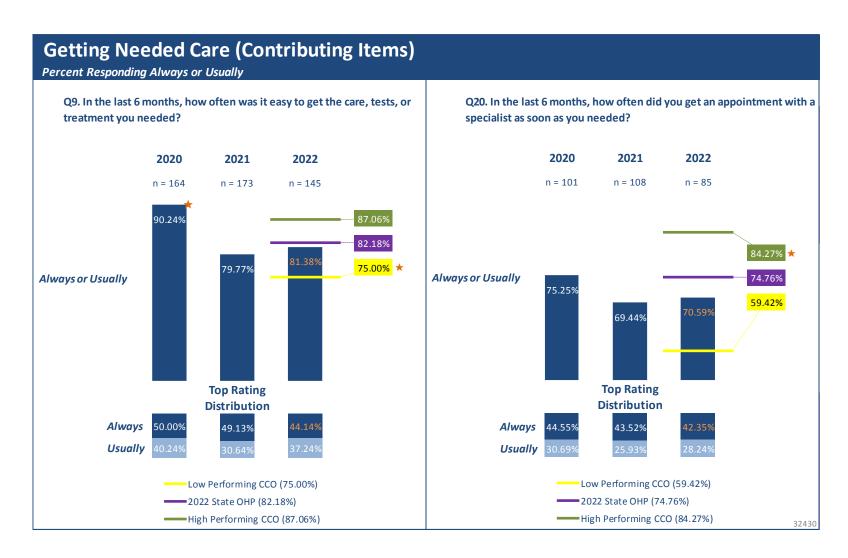
Tests of statistical significance were conducted for the following reportable rates: (8 + 9 + 10) and (9 + 10). Statistically significant differences, tested at the 95% confidence level, between your organization's current-year rate and a comparison rate (prior-year, or national rate) are marked with a * symbol next to the comparison rate.

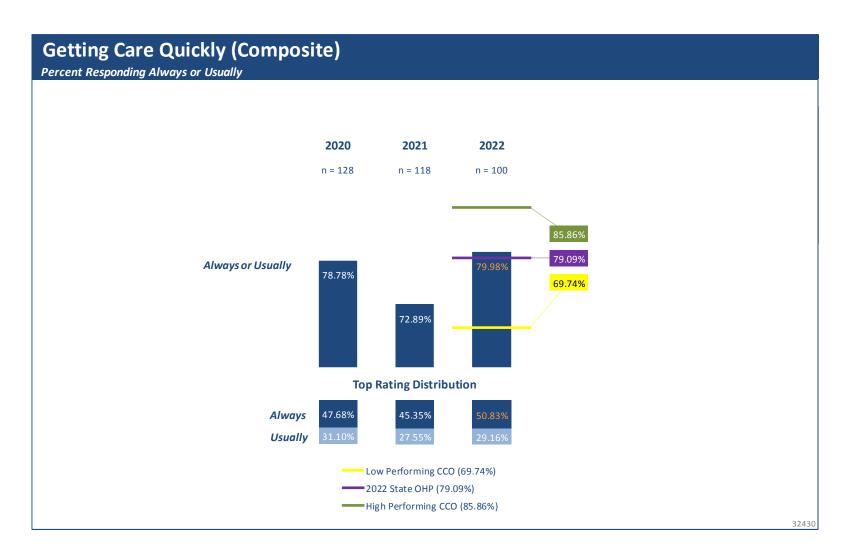


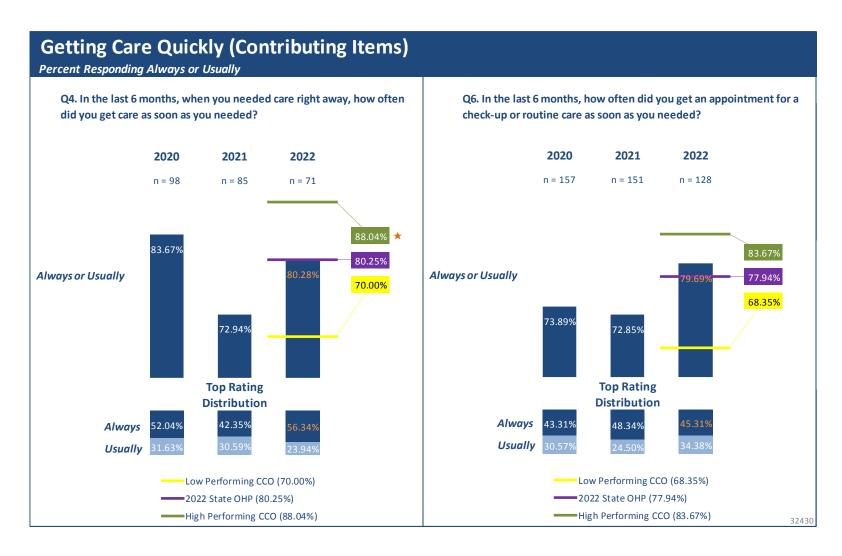




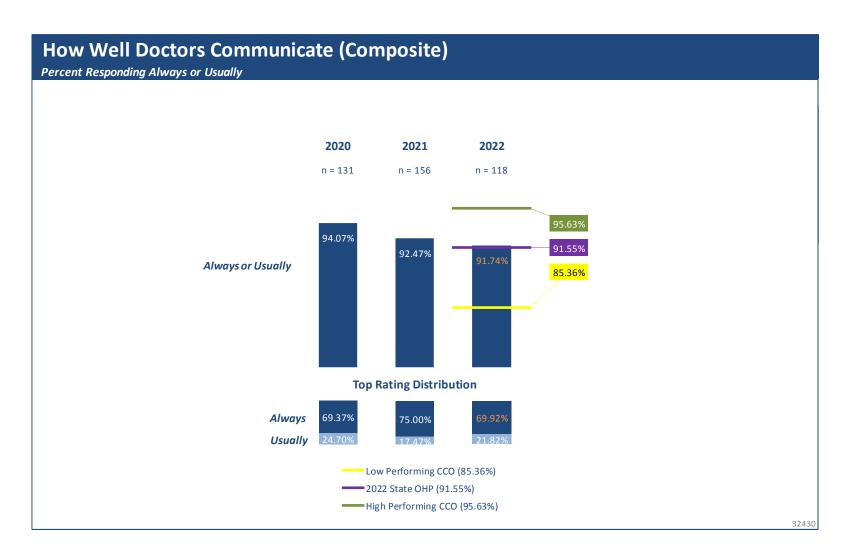


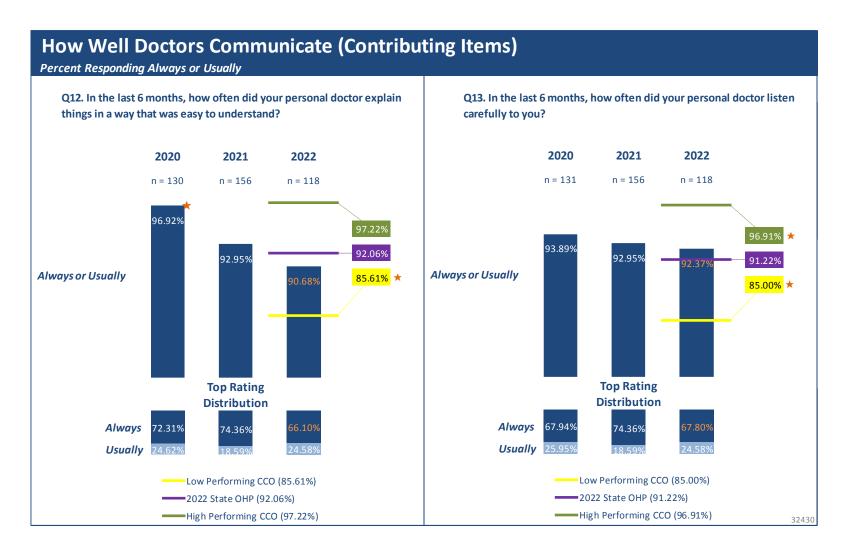




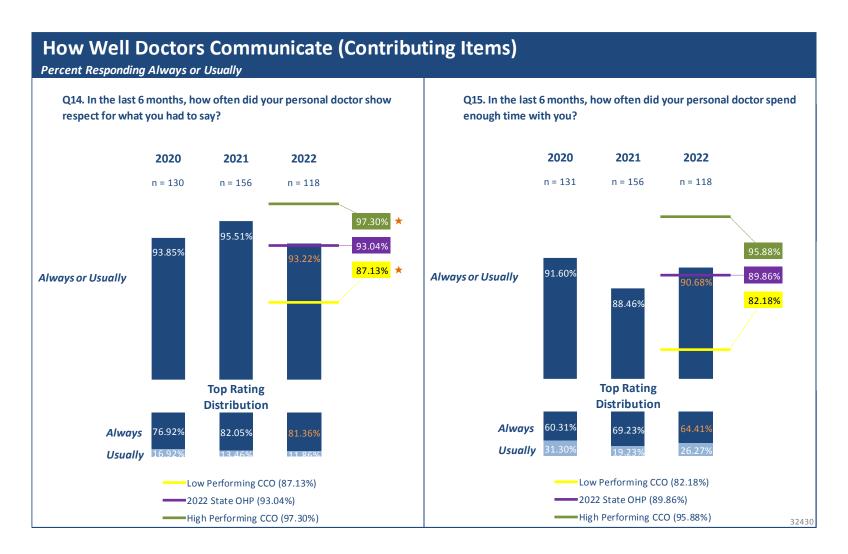


Tests of statistical significance were conducted for the following reportable rates: (8 + 9 + 10) and (9 + 10). Statistically significant differences, tested at the 95% confidence level, between your organization's current-year rate and a comparison rate (prior-year, or national rate) are marked with a *\frac{1}{2}\$ symbol next to the comparison rate.

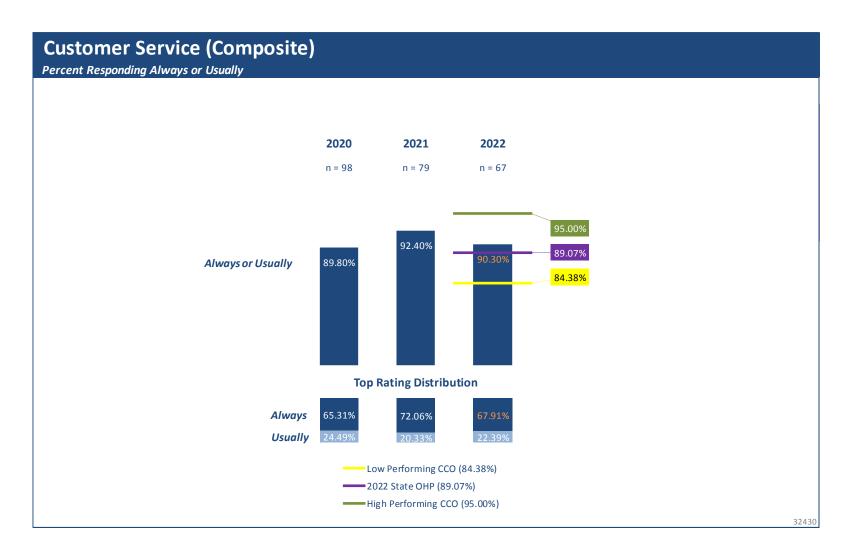


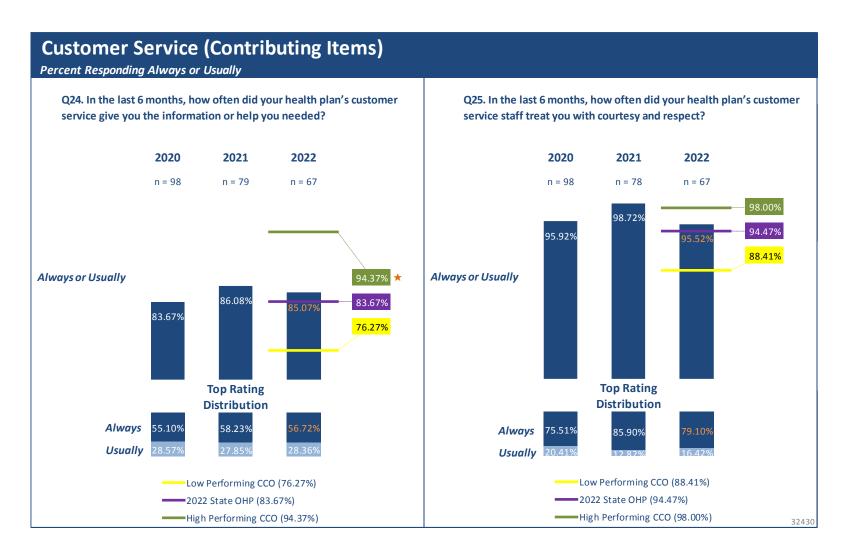


Tests of statistical significance were conducted for the following reportable rates: (8 + 9 + 10) and (9 + 10). Statistically significant differences, tested at the 95% confidence level, between your organization's current-year rate and a comparison rate (prior-year, or national rate) are marked with a **x symbol next to the comparison rate.

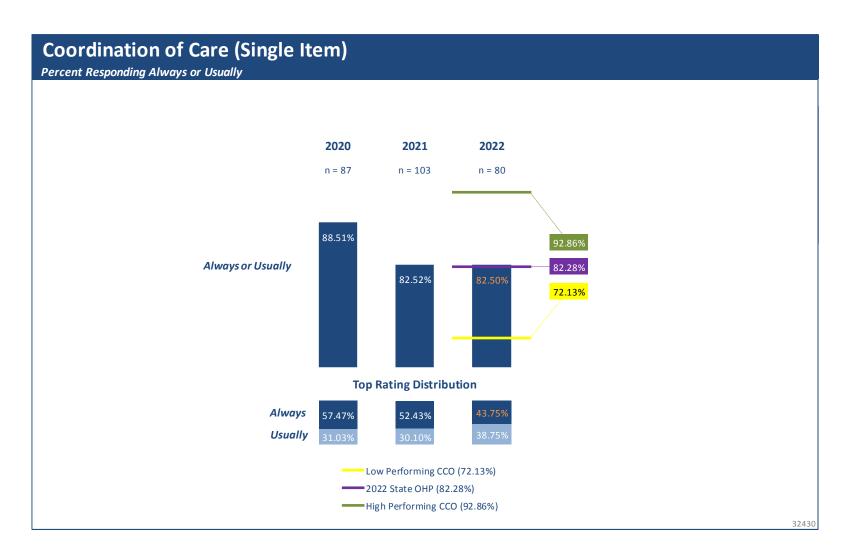


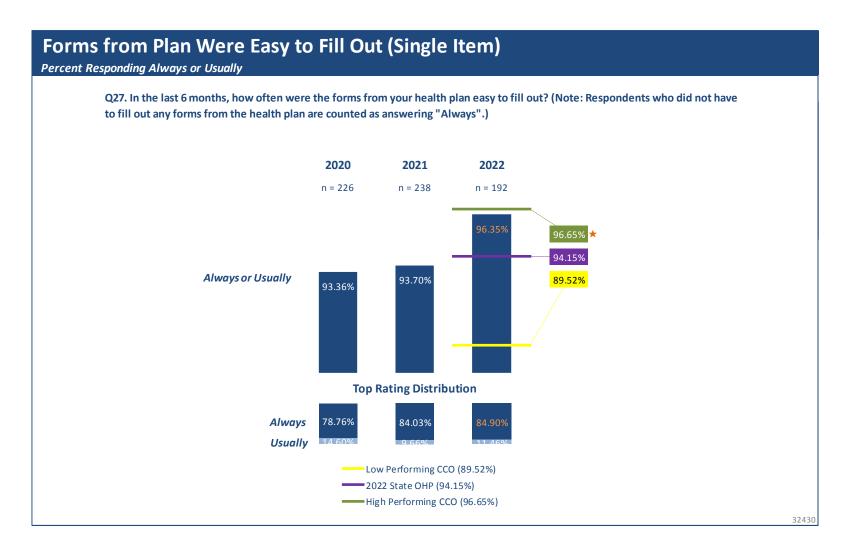
Tests of statistical significance were conducted for the following reportable rates: (8 + 9 + 10) and (9 + 10). Statistically significant differences, tested at the 95% confidence level, between your organization's current-year rate and a comparison rate (prior-year, or national rate) are marked with a *\frac{1}{2}\$ symbol next to the comparison rate.





Tests of statistical significance were conducted for the following reportable rates: (8 + 9 + 10) and (9 + 10). Statistically significant differences, tested at the 95% confidence level, between your organization's current-year rate and a comparison rate (prior-year, or national rate) are marked with a *\frac{1}{2}\$ symbol next to the comparison rate.





EFFECTIVENESS OF CARE

The Effectiveness of Care domain applies to adult health plan members only and includes the following measures: Flu Vaccinations for Adults Ages 18–64 (FVA) and Medical Assistance with Smoking and Tobacco Use Cessation (MSC). The MSC measure is based on two years of data collection and is calculated using the NCQA rolling average methodology. The FVA measure is a single-year rate. A brief description of each measure, as it appears in HEDIS 2022, Volume 3:

Specifications for Survey Measures, Section 2: Effectiveness of Care, is reproduced below. Please refer to Volume 3 for additional information on the measures, including rolling average calculation methodology and NCQA reporting rules.

EFFECTIVENESS OF CARE MEASURES

FLU VACCINATIONS FOR ADULTS AGES 18-64 (FVA)

Flu Vaccinations for Adults represents the percentage of members 18–64 years of age who received a flu vaccination between July 1 of the measurement year and the date when the survey was completed.

MEDICAL ASSISTANCE WITH SMOKING AND TOBACCO USE CESSATION (MSC)

The following components of this measure assess different facets of providing medical assistance with smoking and tobacco use cessation:

- Advising Smokers and Tobacco Users to Quit a rolling average rate represents the percentage of current smokers or tobacco users who received advice to quit during the measurement year.
- Discussing Cessation Medications a rolling average rate represents the percentage of current smokers or tobacco users who discussed or were recommended cessation medications during the measurement year.
- Discussing Cessation Strategies a rolling average rate represents the percentage of current smokers or tobacco users who discussed or were provided cessation methods or strategies during the measurement year.

EFFECTIVENESS OF CARE RESULTS

Exhibit 4 provides a summary of Health Share results on HEDIS *Effectiveness of Care* measures. Comparisons to prior-year rates (if available) as well as to the 2022 State OHP rates with statistical significance tests are included.

EXHIBIT 4. 2022 HEALTH SHARE ADULT MEDICAID OHA CAHPS SURVEY: EFFECTIVENESS OF CARE MEASURES

| | | | Comparison between 2022 and | | | | |
|-----------------------------------------------------------|---------|-------|-----------------------------|-----------------|--------|-------------|--|
| | 202 | 2 | 2021 | | 2022 9 | State OHP | |
| Effectiveness of Care Measures | Rate | (n) | Rate | Point Change | Rate | Point Diff. | |
| Flu Vaccinations for Adults (FVA) | | | | | | | |
| Flu Vaccinations for Adults | 41.83% | (153) | 48.77% | [-6.94] | 36.00% | [+5.83] | |
| Medical Assistance with Smoking and Tobacco Use Cessation | n (MSC) | | | | | | |
| Advising Smokers and Tobacco Users to Quit | 60.00% | (40) | 71.15% | [-11.15] | 63.65% | [-3.65] | |
| Discussing Cessation Medications | 48.72% | (39) | 57.69% | [-8.97] | 46.94% | [+1.78] | |
| Discussing Cessation Strategies | 47.50% | (40) | 47.06% | [+0.44] | 40.56% | [+6.94] | |

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Calculation and Reporting of Results

Effectiveness of Care results were calculated by CSS following NCQA specifications with the exception that rates for the MSC measure were calculated using a single year rate methodology. The number of valid responses collected this year for each measure (n, or measure denominator) is reported in parentheses.

At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" and "[...]" are displayed in a lighter color, indicating that the rate and point change results are not reportable by OHA.

Rate Comparisons and Statistical Significance Testing

Comparisons to prior-year and benchmark rates were calculated prior to rounding and rounded for display. Differences in rates were tested for statistical significance using a t-test for proportions at the 95% confidence level. Statistically significant differences between the current-year rate and the comparison rate are marked with a ** symbol.

MEMBER PROFILE AND ANALYSIS OF RATINGS BY MEMBER SEGMENT

This section of the report presents a detailed profile of the Health Share membership. In addition to member demographics and health status, responses to survey items that assess utilization of healthcare services are included.

A CCO's membership mix is shaped by multiple factors, most of which are beyond the scope of this survey. These include benefit design, geography, availability of health plan choices, and member self-selection into products that best meet their needs. CSS's analysis of industry data suggests that there is considerable variation in member demographic makeup and utilization patterns across plans. To the extent that various member segments have distinct healthcare needs, utilization patterns, expectations, experiences, as well as attitudes and perceptions, their assessments of the *same* health plan will likely differ.

Certain member characteristics (e.g., health status) appear to be directly related to differences in healthcare needs and utilization levels. For example, some plans have predominantly healthy members, whose interactions with care providers and the plan tend to be limited. By contrast, other plans serve populations with higher rates of illness. These members tend to have more frequent encounters with the healthcare system and as a result may become more experienced users of health plans. The ways in which members use the plan, the frequency of their interactions with providers and staff, and their overall level of familiarity with how the plan works may affect ratings.

In addition to health care needs and utilization patterns, demographic characteristics have been shown to influence survey responses. For example, all else being equal, older respondents and members of certain ethnic groups (e.g., Hispanic or Latino respondents) tend to rate their health care providers and plans more positively. By contrast, more educated members rate more critically, regardless of age or ethnicity.

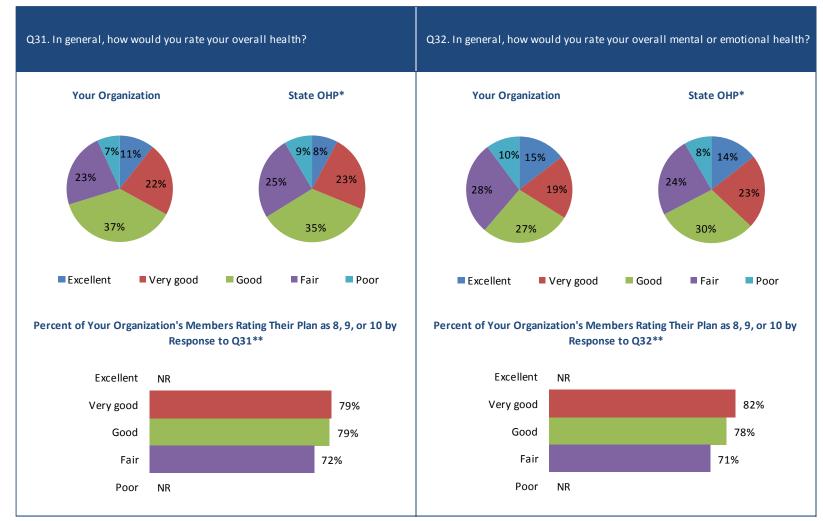
While the interplay between these membership variables (often referred to as the plan's "case mix") and health plan ratings is complex, health plan ratings clearly vary across demographic groups and user segments. Understanding the plan's case mix can help managers to gain insight into possible sources of this variation.

The charts on the following pages compare the Health Share membership profile to the relevant state Oregon Health Plan benchmark distribution on demographic characteristics and utilization patterns. The pie chart in the upper half of each panel contrasts the distribution of the Health Share membership on a given member attribute (e.g., gender, education level, number of doctor visits, etc.) with the 2022 state Oregon Health Plan distribution on the same attribute. The bar chart in the lower half of each panel shows how the overall rating of the plan varies by member segment.

HEALTH STATUS AND DEMOGRAPHICS

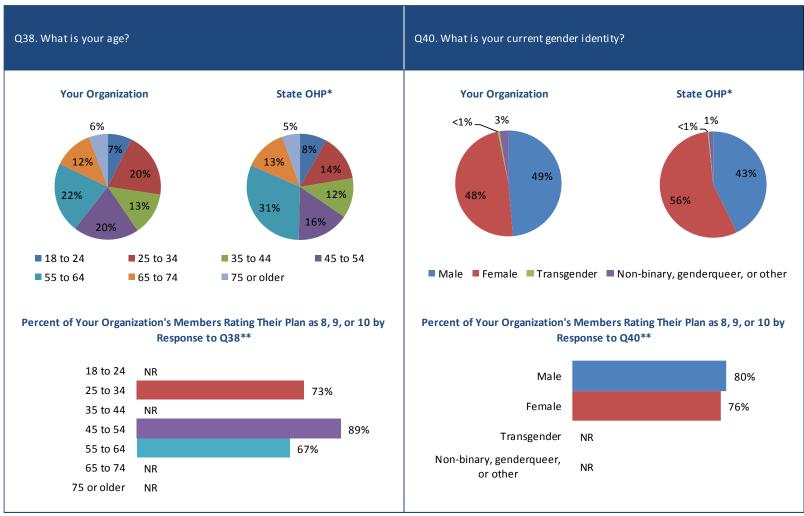
The following characteristics are profiled in this section:

- Respondent's self-reported health status
- Respondent's self-reported mental or emotional health status
- Respondent's age
- Respondent's current gender identity
- Respondent's education level
- Respondent's primary racial or ethnic identity



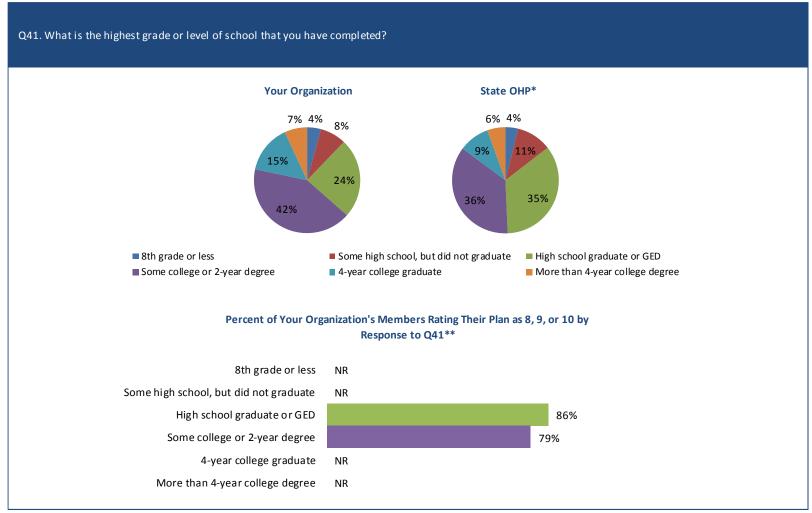
^{*} Represents the combined distribution of responses to this question for all plans included in the 2022 State OHP.

^{**} Includes members who answered the question and provided a valid response to Q28 (Rating of Health Plan). "No data" appears in place of the score if none of the group respondents provided a valid response to Q28 or if no one rated the plan as 8, 9, or 10. "NR" appears in place of the score if the number of respondents within group rating plan as 8-10 is less than 3 or the number of respondents within group rating plan 0-10 is less than 30.



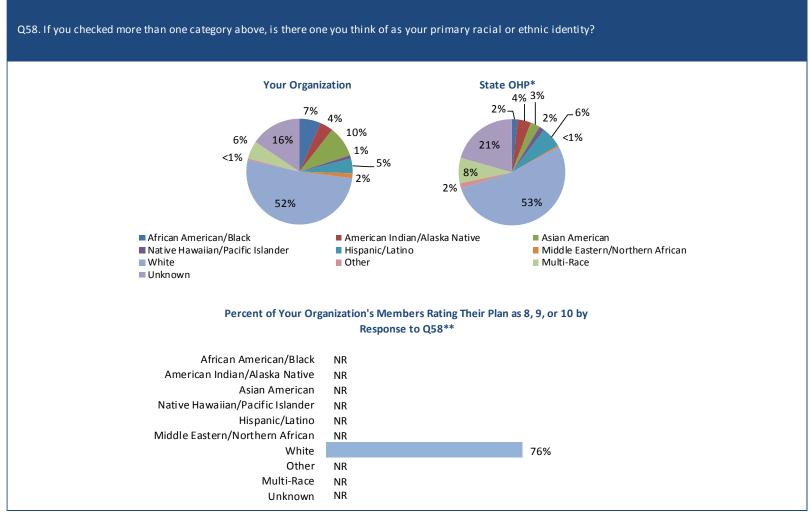
^{*} Represents the combined distribution of responses to this question for all plans included in the 2022 State OHP.

^{**} Includes members who answered the question and provided a valid response to Q28 (Rating of Health Plan). "No data" appears in place of the score if none of the group respondents provided a valid response to Q28 or if no one rated the plan as 8, 9, or 10. "NR" appears in place of the score if the number of respondents within group rating plan as 8-10 is less than 3 or the number of respondents within group rating plan 0-10 is less than 30.



^{*} Represents the combined distribution of responses to this question for all plans included in the 2022 State OHP.

^{**} Includes members who answered the question and provided a valid response to Q28 (Rating of Health Plan). "No data" appears in place of the score if none of the group respondents provided a valid response to Q28 or if no one rated the plan as 8, 9, or 10. "NR" appears in place of the score if the number of respondents within group rating plan as 8-10 is less than 3 or the number of respondents within group rating plan 0-10 is less than 30.



^{*} Represents the combined distribution of responses to this question for all plans included in the 2022 State OHP.

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USE OF SERVICES

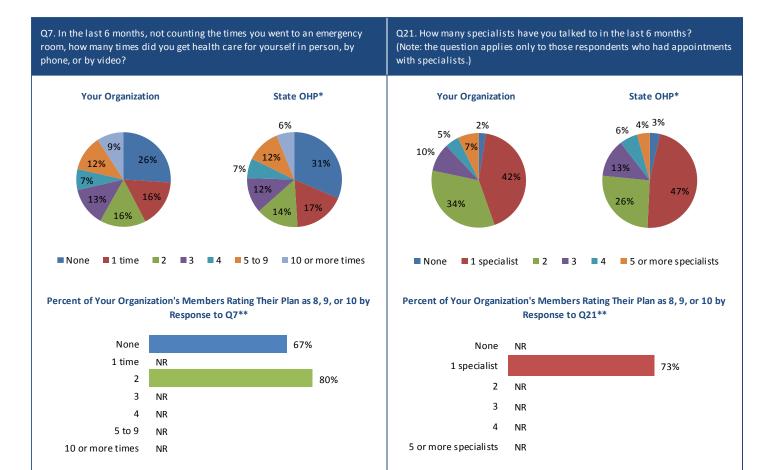
The following utilization measures are included in this section:

- Seeking urgent care
- Making appointments for routine care
- Having a personal doctor
- Receiving care from a provider other than personal doctor
- Making an appointment to see a specialist
- Having a regular dentist
- Number of visits to a doctor's office or clinic
- Number of specialists seen



^{*} Represents the combined distribution of responses to this question for all plans included in the 2022 State OHP.

^{**} Includes members who answered the question and provided a valid response to Q28 (Rating of Health Plan). "No data" appears in place of the score if none of the group respondents provided a valid response to Q28 or if no one rated the plan as 8, 9, or 10. "NR" appears in place of the score if the number of respondents within group rating plan as 8-10 is less than 3 or the number of respondents within group rating plan 0-10 is less than 30.



^{*} Represents the combined distribution of responses to this question for all plans included in the 2022 State OHP.

^{**} Includes members who answered the question and provided a valid response to Q28 (Rating of Health Plan). "No data" appears in place of the score if none of the group respondents provided a valid response to Q28 or if no one rated the plan as 8, 9, or 10. "NR" appears in place of the score if the number of respondents within group rating plan as 8-10 is less than 3 or the number of respondents within group rating plan 0-10 is less than 30.

KEY DRIVER ANALYSIS

OBJECTIVES

CSS's Key Driver Analysis (KDA) highlights some of the key differences between high- and low-rated health plans at the industry level. The principal objectives of the KDA are:

- To isolate a set of plan attributes, or key drivers, that distinguish high-rated plans from low-rated plans
- To highlight industry best practices on the key driver measures
- To compare the current performance of Health Share to industry best practices in these areas
- To estimate the impact of improving performance on these measures on the Rating of Health Plan measure

TECHNICAL APPROACH

INDUSTRY VIEW

Industry-level analysis, which uses health plans as units of analysis, has several important advantages compared to the alternative approach, which focuses on member experiences within a single plan. Certain plan attributes are strongly related to member satisfaction at the industry level. However, these relationships may be missed if we focus on only one plan at a time. For example, it has been shown that plans that are rated highly on measures of access and availability of care tend to have high overall ratings. Conversely, poor access scores are associated with low overall plan scores. This relationship is clear when ratings are compared across plans. However, within a specific plan, member experiences may not be sufficiently varied to reveal the underlying relationship. That is, if all members are equally dissatisfied with access to care, this measure will show a misleadingly low correlation with the overall rating of the plan. As a result, the plan may underestimate the key role of access to care as a driver of member satisfaction and miss a critical opportunity for improvement.

In addition, expressing every CAHPS survey variable as a plan-level rate yields a complete and rich information set on each plan. This effectively eliminates any "gaps" in respondent-level data from a single plan caused by survey skip patterns and allows every response to be used in the analysis.

Finally, in addition to the standard CAHPS performance measures, other sources of differences between health plans can be explored, increasing the explanatory power of the model and allowing for more precise estimation of the individual key driver effects. These include experience rates, which are based on responses to the CAHPS screener questions. Screeners establish whether a member had a particular type of experience or interaction with the plan (e.g.,

contacted customer service, submitted a claim, etc.). CSS's analysis shows that these experience indicators explain a significant portion of the plan's overall satisfaction score. Additional components of the overall score include utilization rates and demographic characteristics of the plan's membership, addressed in more detail in the *Member Profile and Analysis of Plan Ratings by Member Segment* section of this report. Clearly, from the plan's perspective, some of these factors are more actionable than others. However, to yield an accurate model of key drivers of member satisfaction, the analysis must consider all measurable influences on the overall rating of the plan.

The 2022 CSS *Key Driver Model* was developed using our 2021–2022 Book-of-Business plan-level dataset of Medicaid CAHPS survey results. The dataset comprised all Medicaid plans surveyed by CSS in 2021 and 2022, for a total of 297 observations. CSS performed regression analysis of health plan ratings to identify sources of variation in overall scores across the industry spectrum, using individual health plans as units of analysis. Regression analysis expresses mathematically the relationship between plan attributes (predictors) and the global *Rating of Health Plan* score, controlling for interdependencies among the predictors and other factors that may influence ratings (e.g., member demographics, utilization patterns, etc.). Predictors were chosen carefully to yield a model that is both meaningful and actionable from the health plan's point of view.

All of the plan variables, including potential drivers of member experience (i.e., variables that the plan may consider actionable) and control variables (member demographics, health status, utilization rates, product type, and year of data collection) were entered into the regression model, and the independent contribution of each variable was estimated. As in the past, CSS excluded *Rating of All Health Care* from the list of predictors, both because of its high correlation with *Rating of Health Plan* and the presence of other survey items that measure more specific aspects of member experience. If included, *Rating of all Health Care* would account for a large portion of the variance and confound coefficient estimates for the remaining variables in the model.

INDUSTRY KEY DRIVER MODEL

The table below lists five key drivers of Medicaid member experience in order of importance, from highest to lowest, based on their relative contribution to the *Rating of Health Plan* score. These variables have statistically significant coefficients in the regression model (*p*-value < 0.05). Performance on these variables, together with the control variables, explains 71 percent of the industry variation in Medicaid health plan ratings. Note that this ordering reflects *only* the strength of the overall relationship between each key driver and the health plan score at the industry level. It does not consider how Health Share is <u>currently</u> performing on these measures. Improvement targets identified specifically for Health Share, which consider both the strength of the key driver and the current level of performance in the area, are presented graphically in the next section.

Medicaid ember ratings of the plan are strongly related to members' ability to get the care they need when they need it (Q9 and Q4). Being able to obtain needed information from customer service (Q24) and access to highly rated providers (Q18 and Q22) are all significant drivers of member experience.

| Key Driver | Interpretation |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Q18. Rating of Personal Doctor (percent 9 or 10) | The higher the proportion of members rating their personal doctor as $\it 9$ or $\it 10$, the higher the overall plan score |
| Q9. Ease of getting needed care, tests, or treatment (percent <i>Usually or Always</i>) | The higher the proportion of plan members reporting that the necessary care, tests, or treatment were easy to get, the higher the overall plan score |
| Q4. Got an appointment for urgent care as soon as needed (percent <i>Usually or Always</i>) | The higher the proportion of plan members reporting that they received urgently needed care as soon as needed, the higher the overall plan score |
| Q22. Rating of Specialist Seen Most Often (percent 9 or 10) | The higher the proportion of members rating their specialist as $\it 9$ or $\it 10$, the higher the overall plan score |
| Q24. Health plan customer service provided needed information or help (percent <i>Usually or Always</i>) | The higher the proportion of members who were able to get the information or help they needed from customer service, the higher the overall plan score |

OPPORTUNITIES FOR PLAN QUALITY IMPROVEMENT

Specific improvement opportunities for Health Share are presented in Exhibit 5. The ordering reflects both the strength of each key driver in the broad industry context and how Health Share is currently performing on the measure.

The middle panel of the chart compares how Health Share is performing compared to the *best practice* score on each key driver. CSS defined the best practice score as the highest score among all the Adult CCOs contributing to the 2022 State OHP. Room for improvement, represented by the green arrows on the chart, is the difference between the current level of Health Share performance and the best practice score.

The bar chart on the right displays the expected improvement in the overall *Rating of Health Plan* score Health Share could achieve if it performed on par with the best practice plan on each of the key driver measures. Each bar represents room for improvement on the key driver weighted by its contribution to the *Rating of Health Plan* score.

EXHIBIT 5. 2022 HEALTH SHARE ADULT MEDICAID OHA CAHPS SURVEY: KEY AREAS AND PRIORITIES FOR IMPROVEMENT

| Current Key Driver Performance | | Room for Improvement on Key Driver | Overall Improvement Opportunity |
|-----------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 2022 Rate | | Percentage Point Difference Between Current Key Driver Score and the Best Practice Score* | Expected Percentage Point Improvement in Rating of Health Plan score (percent 9 or 10) if Key Driver Performs at Best Practice Level |
| Q18. Rating of Personal Doctor (percent 9 or 10) | 63.51% | +10.91% 74.42% | +4.88% |
| Q9. Ease of getting needed care, tests, or treatment (percent <i>Usually</i> or <i>Always</i>) | 81.38% | +5.68% > 87.06% | +1.24% |
| Q24. Customer service provided information or help (percent <i>Usually</i> or <i>Always</i>) | 85.07% | +9.29% | +0.92% |
| Q22. Rating of Specialist Seen Most Often (percent 9 or 10) | 65.00% | +8.85% 73.85% | +0.86% |
| Q4. Got an appointment for urgent care as soon as needed (percent <i>Usually</i> or <i>Always</i>) | 80.28% | +7.76% > 88.04% | +0.85% |

^{*}Highest score on the key driver measure among all the Adult CCOs included in the 2022 State OHP.

At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" appears in place of the rate and point difference/improvement, indicating that the results are not reportable by OHA.

HEALTH PLAN QUALITY IMPROVEMENT RESOURCES FOR KEY DRIVERS

CSS's Industry *Key Driver Analysis* lists improvement opportunities and priorities for Health Share. The following is a list of possible interventions and resources related to each of the key drivers. This section is included as a guide to assist plan managers in their quality improvement efforts. Some of these resources may be more applicable to your organization than others, especially because many of the cited interventions are intended to be implemented at the practice or provider level. For a useful introduction to quality improvement (QI), refer to the Agency for Health Care Research and Quality's (AHRQ) reference guide that includes descriptions of QI strategies in health delivery systems (www.ahrq.gov/sites/default/files/wysiwyg/cahps/quality-improvement/improvement-guide/4-approach-qi-process/cahps-section-4-ways-to-approach-qi-process.pdf).

IMPROVING MEMBER ACCESS TO CARE

Removing barriers to care is central to improving the health care experience of plan members. The following resources suggest ways to improve patient access to care, tests, and treatment.

- Same-Day Appointment Scheduling The Agency for Healthcare Research and Quality (AHRQ) recommends a method of scheduling that leaves part of each physician's day open for same-day appointments, rather than a traditional scheduling model that books appointments weeks or months in advance. Because the method does not differentiate between urgent and routine care, patients with non-urgent concerns are able to schedule appointments sooner than under traditional scheduling methods. For more information, see www.ahrq.gov/cahps/quality-improvement/improvement-guide/6-strategies-for-improving/access/strategy6a-openaccess.html.
- Implement Process Improvements to Streamline Patient Flow Delays experienced by patients while waiting for care, tests, or treatment can be minimized through a variety of mechanisms. For example, reallocating tasks such as physical exams and ordering x-rays to physician's assistants and nurse practitioners frees up physicians' time to attend to more pressing patient concerns. The exact form of these improvements will vary widely by practice. See www.ahrq.gov/research/findings/final-reports/ptflow/index.html for AHRQ's guide to plan and implement patient flow improvement strategies.
- Patient-Centered Medical Homes (PCMH) This model increases patient access to physicians, reducing barriers to receiving care (www.ncbi.nlm.nih.gov/pmc/articles/PMC2869425/). There are many valuable sources of information on the medical home model of care and health equity. To start, see this Institute of Medicine report: nam.edu/wp-content/uploads/2015/06/PatientCenteredMedicalHome.pdf. Family Medicine for America's Health is a collaboration of family medicine organizations dedicated to improving health care by expanding and emphasizing primary care, particularly through the use of patient-centered medical homes. For AHRQ's resources detailing transitioning a practice to a patient-centered medical home model, see www.pcmh.ahrq.gov/.

- Alternative Access Centers This brief (www.rwjf.org/content/dam/farm/reports/issue briefs/2015/rwjf419415) from the Robert Wood Johnson Foundation highlights the growing capacity of retail clinics and telemedicine to meet patient medical needs, particularly in rural and underserved communities and for patients with acute but non-serious conditions who need care quickly. Providing patients with alternative venues to access health care, rather than the traditional doctor's office or hospital, lowers barriers to care (www.ncbi.nlm.nih.gov/pmc/articles/PMC4795318/).
- Telehealth Solutions to Pandemic-Related Issues The COVID-19 Pandemic has accelerated the usage and acceptance of telehealth by providers and patients alike. This article (www.thelancet.com/journals/langlo/article/PIIS2214-109X(20)30362-4/fulltext) details opportunities to expand telehealth beyond the pandemic. Telehealth can also be implemented to solve deferral of care issues brought about by the pandemic (www.thelancet.com/journals/langlo/article/PIIS2214-109X(20)30362-4/fulltext) details opportunities to expand telehealth beyond the pandemic. Telehealth can also be implemented to solve deferral of care issues brought about by the pandemic (www.thelancet.com/journals/langlo/article/PIIS2214-109X(20)30362-4/fulltext) details opportunities to expand telehealth beyond the pandemic.

IMPROVING HEALTH PLAN PROVIDER NETWORK

These resources concentrate on improving the physician-patient relationship, with a focus on communication. Implementing the solutions proposed here may result in patients' increased rating of doctors.

- Improve Physician Communication Much of patient dissatisfaction stems from a failure of effective physician communication (www.ncbi.nlm.nih.gov/pmc/articles/PMC3096184/). Seminars and workshops for physicians serve as a resource for physicians to learn and practice patient-centered communication techniques. For general recommendations related to physician communication, see www.ahrq.gov/cahps/quality-improvement-guide/6-strategies-for-improving/communication/strategy6gtraining.html.
- Help Patients Communicate Patients who can effectively communicate their needs tend to have higher satisfaction with their care. AHRQ recommends four interventions that prepare patients to better communicate with their providers, including record sharing, writing down talking points prior to visits, and "coached care" programs. See https://www.ahrq.gov/cahps/quality-improvement-guide/6-strategies-for-improving/communication/strategy6i-shared-decisionmaking.html and www.ahrq.gov/cahps/quality-improvement/improvement-guide/6-strategies-for-improving/communication/strategy6htools.html. For a sample communication document that providers can distribute to patients before or during visits, see www.rwjf.org/content/dam/farm/toolkits/toolkits/2013/rwjf404048.
- Build Physician-Patient Relationships An article published in the British Journal of General Practice found that patients seeing their preferred doctor rated their satisfaction with visits significantly higher than patients who did not have a doctor preference or those who would have preferred to see a different doctor. A study of English National Health Service data found that confidence and trust in a doctor is an important predictor of overall patient satisfaction (www.ncbi.nlm.nih.gov/pubmed/18416910/), while a Harvard study found that a positive physician-patient relationship correlates with better healthcare outcomes (www.ncbi.nlm.nih.gov/pmc/articles/PMC3981763/).

• Improve Referral Communication – The coordination of care between primary and specialist providers can be a challenge and may affect patient perceptions of their specialist care. Improving the coordination of care and case management can increase patient satisfaction with their specialist. For examples of interventions that improve care coordination efficiency and quality, see www.ahrq.gov/innovations/index.html.

IMPROVING CUSTOMER SERVICE AND HEALTH PLAN-RELATED INFORMATION

It is important that health plan information be provided to members and that the information addresses member concerns. As representatives of the plan, customer service staff must ensure that members have confidence and trust in their ability to address their concerns. The following resources contain recommendations for improving customer service.

- Develop Customer Service Standards To improve customer service, the Agency for Healthcare Research and Quality suggests first articulating which aspects of customer service are most important to the plan. After developing these standards, monitor performance and promote accountability among staff. For more information, see www.ahrq.gov/cahps/quality-improvement/improvement-guide/6-strategies-for-improving/customer-service/strategy6q-custservice-standards.html.
- Iterative Improvement for Member Services This RAND paper details a case study in which a health plan used additional surveys to supplement CAHPS results and thoroughly assess member dissatisfaction with customer service. Throughout the process, plan leadership continually examined and adjusted improvement goals. The intervention resulted in a reduction of wait time for customer service calls and increased member satisfaction with customer service, as measured on the CAHPS survey. See www.rand.org/pubs/working papers/WR517.html.
- Implement Service Recovery Procedures When customers have a complaint, service recovery programs support customer service personnel in identifying and remedying the problem. While complaints may be inevitable, proper handling of complaints can reassure patients and restore loyalty to the health plan. For more information, see www.ahrq.gov/cahps/quality-improvement/improvement-guide/6-strategies-for-improving/customer-service/strategy6p-service-recovery.html.
- Make Plan Information Accessible to All Members A Health Research and Educational Trust study found that demographic characteristics, including
 education, age, gender, and income, significantly impacted use of an Internet-based decision tool. The tool provided cost information as well as a health
 and wellness assessment. The study suggests that effort beyond Internet-based tools is necessary to reach certain demographics. For further information,
 see www.ncbi.nlm.nih.gov/pmc/articles/PMC3447236/.

- Increase Access to Trusted Health Information Many people look to their health plan for information not only on how the health plan works, but also on resources to help them improve their health, particularly when dealing with chronic illnesses. Improved access to trusted health information has been shown to lead to improved outcomes (www.ncbi.nlm.nih.gov/pmc/articles/PMC5818676/). The ONC Patient Engagement (PE) Playbook was created by the Office of the National Coordinator for Health Information Technology (ONC) to help healthcare professionals use health information technology (health IT) to provide better care to patients. The PE Playbook focuses specifically on electronic health record (EHR) patient portals, which allow both patients and healthcare teams, concurrent with patients' privacy preferences, to easily access patient health information which may lead to increased benefits for healthcare, such as improved health outcomes and lower costs (www.healthit.gov/playbook/pe/).
- Evaluate the Organization's Health Literacy Programs The CDC has developed guidance on evaluating an organization's health literacy program, including recommended sources of communication and health literacy measures. See www.cdc.gov/healthliteracy/researchevaluate/program-evaluation.html. The CDC's National Prevention Information Network also offers tools to create health materials in plain language to reduce health disparities (npin.cdc.gov/pages/health-communication-language-and-literacy).
- Improve Patient Health Literacy This guide by the Office of Disease Prevention and Health Promotion outlines steps to improve health literacy, which may help patients to better absorb the information they obtain from written materials or the Internet. For detailed steps, see health-literacy/resources. AHRQ has also developed its own health literacy toolkit to support physicians: www.ahrg.gov/professionals/quality-patient-safety/quality-resources/tools/literacy-toolkit/health-littoolkit2.html.

APPENDIX

CALCULATION GUIDELINES FOR RATING AND COMPOSITE GLOBAL PROPORTIONS

NCQA's HEDIS 2022, Volume 3: Specifications for Survey Measures contains detailed guidelines for calculating survey results. These guidelines include:

- Criteria for including a survey in the results calculation. A questionnaire must have the final disposition code of *Complete and Valid Survey* to be included in the calculation of plan-level scores.
- Rules for handling appropriately answered questions (i.e., questions that comply with survey skip-pattern instructions).
- Rules for handling inappropriately answered questions (e.g., unanswered questions, multiple-mark questions, questions that should have been skipped, and questions within a skip pattern of an inappropriately answered or skipped gate item).
- Denominator reporting thresholds. Health plans must achieve a denominator of at least 100 responses to obtain a reportable result. If the denominator for a particular survey result calculation is less than 100, NCQA assigns a measure result of "NA".
- Rules for calculating denominators for questions and composites. The denominator for a question is equal to the total number of responses to that question. The denominator for a composite is the average number of responses across all questions in the composite.
- Rules for handling changes in submission entity (i.e., if a health plan changes how it reports CAHPS results from one year to the next.)

COMPOSITE GLOBAL PROPORTIONS

Global Proportions are *average* proportions of respondents who gave the plan a favorable rating on each question in a composite. The steps involved in calculating the composite global proportion are:

Step 1

For each question in a composite, determine the proportion of respondents selecting the reported response option(s).

Step 2

Calculate the average proportion across all the questions in the composite. These are the composite global proportions. Note: all questions in a composite are weighted equally, regardless of how many members respond.

Example:

| Response option | Q4 | Q6 | Global Proportion |
|--------------------|--------------|--------------|----------------------------|
| Never or Sometimes | 1 / 5 = 0.20 | 1 / 4 = 0.25 | (0.20 + 0.25) / 2 = 0.2250 |
| Usually | 2 / 5 = 0.40 | 1 / 4 = 0.25 | (0.40 + 0.25) / 2 = 0.3250 |
| Always | 2 / 5 = 0.40 | 2 / 4 = 0.50 | (0.40 + 0.50) / 2 = 0.4500 |
| Usually or Always | 4 / 5 = 0.80 | 3 / 4 = 0.75 | (0.80 + 0.75) / 2 = 0.7750 |

Therefore, 80.00 percent and 75.00 percent of members respectively provided favorable responses to the *Getting Care Quickly* questions Q4 and Q6. Averaging these two proportions yields the global proportion score of 77.50 percent for the *Getting Care Quickly* composite.

GLOSSARY OF TERMS

Attributes

Areas of health plan performance and member experience assessed with the CAHPS survey

Benchmark

A reference score (e.g., the State Oregon Health Plan, the CSS Average, the highest or lowest performing CCO, or the CCO's own prior-year rate) against which performance on the measure is assessed. See *Comparisons to Benchmarks and Prior-Year Results*.

CAHPS Surveys

Consumer Assessment of Healthcare Providers and Systems (CAHPS) is a series of surveys designed to collect consumer feedback on their health care experiences. The CAHPS 5.1H Health Plan Survey asks members to report on their experiences with access to appointments and care through their health plan, communication with doctors available through the plan, and customer service. The Commercial plan version asks about member experiences in the previous twelve months, whereas the Medicaid version refers to the previous six months. The Medicaid version is available for adults and children; the Commercial version is for adults only. The Adult survey is intended for respondents who are 18 and older; the Child survey asks parents or guardians about the experiences of children 17 and younger. Health plans report survey results as part of HEDIS data collection. NCQA uses survey results to create national benchmarks for care and to report health plan performance to consumers. Health plans might also collect CAHPS survey data for internal quality improvement purposes.

Composite Measures

Composite measures combine results from related survey questions into a single score to summarize health plan performance in a specific area of care or service. The set of applicable composites varies slightly by survey version.

Confidence Level

A confidence level is associated with tests of statistical significance of observed differences in survey scores. It is expressed as a percentage and represents how often the observed difference (e.g., between the plan's current-year rate and the relevant benchmark rate) is real and not simply due to chance. A 95% confidence level associated with a statistical test means that if repeated samples were surveyed, in 95 out of 100 samples the observed measure score would be truly different from the comparison score.

Correlation

A degree of association between two variables, or attributes, typically measured by the *Pearson correlation coefficient*. The coefficient value of 1 indicates a strong positive relationship; -1 indicates a strong negative relationship; zero indicates no relationship at all.

Denominator (*n*, or Usable Responses)

Number of valid (appropriately answered) responses available to calculate a measure result. Examples of inappropriately answered questions include ambiguously marked answers, multiple marks when a single answer choice is expected, and responses that violate survey skip patterns. The denominator for an individual question is the total number of valid responses to that question. The denominator for a composite is the average number of responses across all questions in the composite. If the denominator is less than 30 responses, a measure result of "NR" was assigned.

Disposition

The final status given to a member record in the survey sample at the end of the study (e.g., completed survey, refusal, non-response, etc.)

Eligible Population

Members who are eligible to participate in the survey based on the following NCQA criteria:

- Current enrollment (as of the date the sample frame is generated). Some members may no longer be enrolled by the time they complete the survey. They become ineligible and will be excluded from survey results based on their responses to the first two questions on the survey, which confirm membership.
- Continuous enrollment (twelve months for Commercial and six months for Medicaid, with no more than one enrollment break of 45 days or less);
- Member age (18 years old or older for the Adult survey and 17 years old or younger for the Child survey as of December 31 of the measurement year);
- Primary coverage (through Medicaid or a commercial product line for Medicaid and Commercial surveys, respectively).

Global proportions

Applies to composite measures. The proportion of respondents selecting the favorable response(s) (e.g., *Usually or Always*) averaged across the questions that make up the composite.

HEDIS

The Healthcare Effectiveness Data and Information Set (HEDIS) is a set of performance measures in the managed care industry, developed and maintained by NCQA. HEDIS was designed to allow consumers to compare health plan performance to other plans and to national or regional benchmarks as well as to track year-to-year performance. HEDIS is one component of NCQA's accreditation process, although some plans submit HEDIS data without seeking accreditation. CAHPS measures are a subset of HEDIS.

Key Drivers

Key Drivers are plan attributes that have been shown to be closely related to members' overall assessment of the plan. Performance on these attributes predicts how the plan is rated overall and, viewed from the industry perspective, helps to distinguish high-rated plans from poorly performing plans.

NCQA

The National Committee for Quality Assurance (NCQA) is an independent non-profit organization that works to improve health care quality through the administration of evidence-based standards, measures, programs, and accreditation. NCQA manages voluntary accreditation programs for individual physicians, health plans, and medical groups. Health plans seek accreditation and measure performance through the administration and submission of the Healthcare Effectiveness Data and Information Set (HEDIS) and Consumer Assessment of Healthcare Providers and Systems (CAHPS) survey.

Question Summary Rate

Question Summary Rates express the proportion of respondents selecting the response option(s) of interest (typically representing the most favorable outcome(s) from a given question on the survey). Many survey items use a *Never*, *Sometimes*, *Usually*, or *Always* response scale, with *Always* being the most favorable outcome. Results are typically reported as the proportion of members selecting *Usually* or *Always*.

| Response Rate | Survey response rate is calculated by NCQA using the following formula: | | |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | Response Rate = Complete and Eligible Surveys [Complete and Eligible + Incomplete (but Eligible) + Refusal + Nonresponse after maximum attempts + Added to Do Not Call (DNC) List] | | |
| Sample size | OHA's methodology used a sample size of 1,125 for Adult Medicaid samples, 925 for Child Medicaid samples, and 575 for Child Medicaid with Chronic Conditions samples. | | |
| Statistically Significant Difference | When survey results are calculated based on sample data and compared to a benchmark score (e.g., the NCQA National Average rate, the CSS Book-of-Business average, or the plan's own prior-year rate), the question is whether the observed difference is real or due to chance. A difference is said to be statistically significant at a given confidence level (e.g., 95%) if it has a 95% chance of being true. | | |
| Trending | Comparison of survey results over time | | |
| Usable Responses (n) | See Denominator | | |
| Valid Response | Any acceptable response to a survey question (i.e., falling within a predefined set) that follows the NCQA skip pattern rules and data cleaning guidelines. | | |

SURVEY INSTRUMENT

0HP3E



Survey Instructions

Answer each question by marking the box to the left of your answer.

You are sometimes told to skip over some questions in this survey. When this happens you will see an arrow with a note that tells you what question to answer next, like this:

 \square_1 Yes \rightarrow *If Yes, Go to Question 1* \square_2 No

Personally identifiable information will not be made public and will only be released in accordance with federal laws and regulations.

You may choose to answer this survey or not. If you choose not to, this will not affect the benefits you get. You may notice a number on the cover of this survey. This number is ONLY used to let us know if you returned your survey so we don't have to send you reminders.

If you want to know more about this study, please call 1-833-257-1377. For the hearing or speech impaired, call 711 to use the Telecommunications Relay Service (TRS).

- 1. Our records show that you are now in Oregon Health Plan. Is that right?
 - $\square_{\scriptscriptstyle 1}$ Yes \rightarrow *If Yes, Go to Question 3*
 - □₂ No
- 2. What is the name of your health plan? (Please print)

Your Health Care in the Last 6 Months

These questions ask about your own health care from a clinic, emergency room, or doctor's office. This includes care you got in person, by phone, or by video. Do <u>not</u> include care you got when you stayed overnight in a hospital. Do <u>not</u> include the times you went for dental care visits.

- 3. In the last 6 months, did you have an illness, injury, or condition that needed care right away?
 - ☐
 ₁ Yes
 - \square , No \rightarrow If No, Go to Question 5

| | | | · · · · · · · · · · · · · · · · · · · |
|----|------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. | In the last 6 months, when you needed care right away, how often did you get care as soon as you needed? Never Sometimes Usually Always | 8. | Using any number from 0 to 10, where 0 is the worst health care possible and 10 is the best health care possible, what number would you use to rate all your health care in the last 6 months? O 1 2 3 4 5 6 7 8 9 10 Worst health care Best health care possible |
| 5. | In the last 6 months, did you make any in person, | | possible |
| | phone, or video appointments for a <u>check-up or</u> routine care? | 9. | In the last 6 months, how often was it easy to get the care, tests, or treatment you needed? |
| | \square_1 Yes \square_2 No \rightarrow <i>If No, Go to Question 7</i> | | □₁ Never □₂ Sometimes |
| 6. | In the last 6 months, how often did you get an appointment for a <u>check-up or routine care</u> as soon as you needed? | | □₃ Usually □₄ Always |
| | □₁ Never | | |
| | $\square_{\scriptscriptstyle 2}$ Sometimes | | Your Personal Doctor |
| | □₃ Usually □₄ Always | 10. | A personal doctor is the one you would talk to if you need a check-up, want advice about |
| 7. | In the last 6 months, <u>not</u> counting the times you went to an emergency room, how many | | a health problem, or get sick or hurt. Do you have a personal doctor? |
| | times did you get health care for yourself in person, by phone, or by video? | | \square_1 Yes \square_2 No \rightarrow <i>If No, Go to Question 19</i> |
| | \square_{\circ} None \rightarrow <i>If None, Go to Question 10</i> | | |
| | \square_1 1 time \square_2 2 \square_3 3 | 11. | In the last 6 months, how many times did you have an in person, phone, or video visit with your personal doctor about your health? |
| | | | $\square_{\scriptscriptstyle 0}$ None \rightarrow <i>If None, Go to Question 18</i> |
| | □ ₅ 5 to 9 | | ☐₁ 1 time |
| | ☐ ₆ 10 or more times | | \square_2 2 |
| | | | □₃ 3 □₄ 4 |
| | | | \square_5 5 to 9 |
| | | | ☐ 10 or more times |

| 12. In the last 6 months, how often did your personal doctor explain things in a way that was easy to understand? □₁ Never □₂ Sometimes □₃ Usually □₄ Always | 17. In the last 6 months, how often did your personal doctor seem informed and up-to-date about the care you got from these doctors or other health providers? □₁ Never □₂ Sometimes □₃ Usually □₄ Always |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13. In the last 6 months, how often did your personal doctor listen carefully to you? ☐₁ Never ☐₂ Sometimes ☐₃ Usually ☐₄ Always | 18. Using any number from 0 to 10, where 0 is the worst personal doctor possible and 10 is the best personal doctor possible, what number would you use to rate your personal doctor? 0 1 2 3 4 5 6 7 8 9 10 |
| 14. In the last 6 months, how often did your personal doctor show respect for what you had to say? Never Sometimes Usually Always | Worst personal doctor possible Getting Health Care from Specialists When you answer the next questions, include the care you got in person, by phone, or by video. Do not include dental visits or care you got when you stayed overnight in a hospital. |
| 15. In the last 6 months, how often did your personal doctor spend enough time with you? □₁ Never □₂ Sometimes □₃ Usually □₄ Always | 19. Specialists are doctors like surgeons, heart doctors, allergy doctors, skin doctors, and other doctors who specialize in one area of health care. In the last 6 months, did you make any appointments with a specialist? |
| 16. In the last 6 months, did you get care from a doctor or other health provider besides your personal doctor? □₁ Yes □₂ No → If No, Go to Question 18 | \square_1 Yes \square_2 No \Rightarrow <i>If No, Go to Question 23</i> |

| 20. | In the last 6 months, how often did you get an | Y | our Health Plan |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | appointment with a specialist as soon as you needed? Never Sametimes | | he next questions ask about your experience vith your health plan. |
| | ☐₂ Sometimes ☐₃ Usually ☐₄ Always | 23. | In the last 6 months, did you get information o help from your health plan's customer service? |
| 21. | How many specialists have you talked to in the last 6 months? | | \square_2 No \rightarrow <i>If No, Go to Question 26</i> |
| | \square_0 None → <i>If None, Go to Question 23</i> \square_1 1 specialist \square_2 2 \square_3 3 \square_4 4 \square_5 5 or more specialists | 24. | In the last 6 months, how often did your health plan's customer service give you the information or help you needed? Never Sometimes Usually |
| 22. | We want to know your rating of the specialist you talked to most often in the last 6 months. Using any number from 0 to 10, where 0 is the worst specialist possible and 10 is the best specialist possible, what number would you use to rate that specialist? O 1 2 3 4 5 6 7 8 9 10 Worst specialist Best specialist possible | 25. | ☐₄ Always In the last 6 months, how often did your health plan's customer service staff treat you with courtesy and respect? ☐₁ Never ☐₂ Sometimes ☐₃ Usually ☐₄ Always |
| | | 26. | In the last 6 months, did your health plan give you any forms to fill out? \square_1 Yes \square_2 No \rightarrow <i>If No, Go to Question 28</i> |
| | | 27. | In the last 6 months, how often were the forms from your health plan easy to fill out? Never Sometimes Usually Always |

| 28. Using any number from 0 to 10, where 0 is the | Additional Questions |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| worst health plan possible and 10 is the best health plan possible, what number would you use to rate your health plan? 0 1 2 3 4 5 6 7 8 9 10 | The following questions ask about how much you think your doctor or other health provider respects your beliefs, attitudes, language and behavior. |
| Worst health plan possible 28a. In the last 6 months, did you have a health problem for which you needed special medical equipment, such as a cane, a wheelchair, or oxygen equipment? ☐₁ Yes ☐₂ No → If No, Go to Question 28c | 28e. In the last 6 months, how often did a doctor or other health provider talk too fast when talking to you? Never Sometimes Usually Always |
| 28b. In the last 6 months, how often was it easy to get the medical equipment you needed through your health plan? □₁ Never □₂ Sometimes □₃ Usually □₄ Always | 28f. In the last 6 months, how often did a doctor or other health provider interrupt you when you were talking? □₁ Never □₂ Sometimes □₃ Usually □₄ Always |
| 28c. In the last 6 months, did you have any health problems that needed special therapy, such as physical, occupational, or speech therapy? ☐ Yes ☐ No → If No, Go to Question 28e 28d. In the last 6 months, how often was it easy to get the special therapy you needed through | 28g. In the last 6 months, how often did a doctor or other health provider use a condescending, sarcastic or rude tone or manner with you? ☐ Never ☐ Sometimes ☐ Usually ☐ Always |
| your health plan? Never | 28h. In the last 6 months, did you feel you could trust a doctor or other health provider with your medical care? ☐₁ Yes, definitely ☐₂ Yes, somewhat ☐₃ No |

Access to Dental Care

| Access to Dental Care | 28m. In the last 6 months, if you needed to see a dentist right away because of a dental |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 28i. A regular dentist is one you would go to for check-ups and cleanings or when you have a cavity or tooth pain. Do you have a regular dentist? □₁ Yes □₂ No | emergency, how often did you get to see a dentist as soon as you wanted? \[\sum_1 \text{ Never} \] \[\sum_2 \text{ Sometimes} \] \[\sum_3 \text{ Usually} \] \[\sum_4 \text{ Always} \] \[\sum_5 \text{ I did not have a dental emergency in the last 6 months} \] |
| 28j. In the last 6 months, did you go to a dentist's office or clinic for care? □₁ Yes □₂ No → If No, Go to Question 28I | 28n. Using any number from 0 to 10, where 0 is extremely difficult and 10 is extremely easy, what number would you use to rate how easy it was for you to find a dentist? |
| 28k. In the last 6 months, how often did the dentists or dental staff explain what they were doing while treating you? Never Sometimes Usually Always | 0 1 2 3 4 5 6 7 8 9 10 Extremely Extremely difficult easy 280. If you delayed going to the dentist, what was the primary reason? (Select only one.) |
| 28l. If you tried to get an appointment for yourself with a dentist who specializes in a particular type of dental care (such as root canals or gum disease) in the last 6 months, how often did you get an appointment as soon as you wanted? □₁ Never □₂ Sometimes □₃ Usually □₄ Always □₅ I did not try to get an appointment with a specialist dentist for myself in the last 6 months | □₁ Do not feel it is safe under COVID to visit the dentist's office or get dental care □₂ The cost of care □₃ Inconvenient location □₄ Inconvenient appointment times □₅ Trouble finding a dentist or dental care □₆ Fear or anxiety of seeing a dentist □٫ Went to the emergency room instead for dental care □₆ I needed an interpreter and wasn't able to get one □٫ Other reason (Please print) □₁₀ I did not delay going to the dentist |

Healthcare Visits by Phone or Video

These questions ask about your own health care you got by phone or by video only.

| 29a. | In the last 6 months, did you have a healthcare visit by phone or video? |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | □₁ Yes |
| | \square_2 No \rightarrow <i>If No, Go to Question 29e</i> |
| 29b | What type of device did you use for a healthcare visit by phone or video? (Please check <u>ALL</u> that apply.) Personal computer with video Smartphone or tablet with video Telephone without video Telehealth kiosk Other |
| 29c. | How easy or difficult has it been to use technology during a healthcare visit by phone or video? Very easy Easy Difficult Very difficult |
| 29d | In the last 6 months, was the quality of care you received during phone or video visits better or worse than the care you receive during inperson visits? |
| | ☐₁ Much worse ☐₂ Slightly worse ☐₃ About the same ☐₄ Slightly better ☐₅ Much better |

| 29e. In the last 6 months, what were the reasons you have <u>not</u> had a phone or video session? (Please check <u>ALL</u> that apply.) | | | |
|------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| I didn't seek medical care | | | |
| ☐ _B I wasn't aware that phone or video visits were available | | | |
| I preferred to see my provider in person | | | |
| ☐ _D My provider did not offer phone or video visits | | | |
| ☐ I didn't have the technology to access a phone or video visit | | | |
| ☐ I had privacy concerns about having a phone or video visit | | | |
| ☐ I needed an interpreter and wasn't able to get one | | | |
| ☐ _н Other reason (<i>Please print</i>) | | | |
| | | | |

COVID-19

The following questions ask about the impact of the COVID-19 pandemic on your care.

| of the COVID-19 pandemic on your care. | 31. In general, how would you rate your overall health? |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30a. In the last 6 months, how often did you delay getting physical health care because of COVID-19? Never Sometimes Usually Always | ☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor 32. In general, how would you rate your overall mental or emotional health? |
| ☐₅ I did not need physical health care in the last 6 months | □₁ Excellent □₂ Very Good □₃ Good |
| 30b. In the last 6 months, how often did you delay getting mental health care because of COVID-19? | □₄ Fair □₅ Poor |
| □₁ Never □₂ Sometimes □₃ Usually □₄ Always □₅ I did not need mental health care in the last 6 months | 33. Have you had either a flu shot or flu spray in the nose since July 1, 2021? ☐₁ Yes ☐₂ No ☐₃ Don't know |
| 30c. In the last 6 months, how often did you delay getting dental care because of COVID-19? | 34. Do you now smoke cigarettes or use tobacco every day, some days, or not at all? □₁ Every day □₂ Some days □₃ Not at all → If Not at All, Go to Question 38 □₄ Don't know → If Don't know, Go to Question 38 |
| | |

About You

| 35. | In the last 6 months, how often were you advised to quit smoking or using tobacco by a doctor or other health provider in your plan? Never Sometimes Usually Always | 38. | What is your age? 1 18 to 24 25 to 34 35 to 44 45 to 54 55 to 64 665 to 74 75 or older |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 36. | In the last 6 months, how often was medication recommended or discussed by a doctor or health provider to assist you with quitting smoking or using tobacco? Examples of medication are: nicotine gum, patch, nasal spray, inhaler, or prescription medication. Never Sometimes Usually Always | | What was your biological sex at birth? Male Female What is your current gender identity? Male Female Transgender Non-binary, genderqueer, or other |
| 37. | In the last 6 months, how often did your doctor or health provider discuss or provide methods and strategies other than medication to assist you with quitting smoking or using tobacco? Examples of methods and strategies are: telephone helpline, individual or group counseling, or cessation program. Never Sometimes Usually Always | 41. | What is the highest grade or level of school that you have completed? ☐₁ 8th grade or less ☐₂ Some high school, but did not graduate ☐₃ High school graduate or GED ☐₄ Some college or 2-year degree ☐₅ 4-year college graduate ☐₀ More than 4-year college degree |

| 42. | How well do you speak English? \[\begin{aligned} \Phi_1 & Very well \\ \Phi_2 & Well \\ \Phi_3 & Not well \\ \Phi_4 & Not at all \end{aligned} | 47. | Are you <u>deaf</u> or do you have <u>serious difficulty</u> <u>hearing?</u> Yes No |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------|
| 43. | What language do you mainly speak at home? English Spanish Other (Please print) | | Are you <u>blind</u> or do you have <u>serious difficulty</u> <u>seeing</u> , even when wearing glasses? Yes No |
| | | 49. | Do you have serious difficulty <u>walking or</u> <u>climbing stairs?</u> |
| 44. | Do you prefer to use an <u>interpreter</u> when talking about medical or health information? \square_1 Yes | | □₁ Yes □₂ No |
| | $\square_{\scriptscriptstyle 2}\ \ No 	o \mathit{If}\ \mathit{No}, \mathit{Go}\ to\ \mathit{Question}\ 47$ | 50. | Because of a physical, mental, or emotional condition, do you have <u>serious difficulty</u> |
| 45. | If you needed an interpreter, how often did you get an interpreter as soon as you needed? Never Sometimes Usually | 5 1 | concentrating, remembering or making decisions? □₁ Yes □₂ No |
| | □₄ Always | 51. | Do you have <u>difficulty dressing or bathing?</u> Yes |
| 46. | We want to know your rating of the interpreter you worked with most often in the last 6 months. Using any number from 0 to 10, where 0 is the worst interpreter possible and 10 is the best interpreter possible, what number would you use to rate that interpreter? O 1 2 3 4 5 6 7 8 9 10 | | □₂ No |
| | Worst interpreter Best interpreter possible possible | | |

| 52. | Do you have <u>serious difficulty learning how to do things most people your age can learn?</u> Yes No |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 53. | Using your <u>usual (customary) language</u> , do you have <u>serious difficulty communicating</u> (for example understanding or being understood by others)? Yes No |
| 54. | Because of a physical, mental, or emotional condition, do you have serious difficulty doing errands alone such as visiting a doctor's office or shopping? Yes No |
| 55. | Do you have <u>serious difficulty</u> with the following: <u>mood, intense feelings, controlling your behavior, or experiencing delusions or hallucinations?</u> Yes No |

Race and Ethnicity

| 56. | How do you identify your race, ethnicity, triba |
|-----|-------------------------------------------------|
| | affiliation, country of origin, or ancestry? |
| | (Please print) |
| | |
| | |
| | |

| 57. Which of the following describes your <u>racial or ethnic identity</u> ? Please check <u>ALL</u> that apply. | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| Hispanic and Latino/a/x ☐ A Central American ☐ B Mexican ☐ C South American ☐ Other Hispanic or Latino/a/x Native Hawaiian and Pacific Islander ☐ CHamoru (Chamorro) ☐ Marshallese ☐ Communities of the Micronesian Region ☐ Native Hawiian ☐ Samoan ☐ Other Pacific Islander White ☐ K Eastern European ☐ Slavic ☐ Western European ☐ Other White | American Indian and Alaska Native American Indian Alaska Native Canadian Inuit, Metis, or | Asian Asian Indian Asian Cambodian Ac Chinese AD Communities of Myanmar AE Fillipino/a AF Hmong AG Japanese AH Korean AJ South Asian AK Vietnamese AL Other Asian Other Categories AM Other (Please print) | | | | | |
| ethnic identity? \[\sum_1 \text{Yes. Please circle you or ethnic identity all one of have just of or ethnic identity.} \] | our primary racial \square_3 No. I identify a bove. \square_4 N/A. I only che | is there <u>one</u> you think of as your <u>primary</u> racial or □₃ No. I identify as Biracial or Multiracial. □₄ N/A. I only checked one category above. | | | | | |
| Thank You | | | | | | | |
| Please return the completed s | urvey in the postage-paid envelope to: | | | | | | |
| Center for the Study of Services PO Box 10820 Herndon, VA 20172 | | | | | | | |
| Please do not include any other correspondence. | | | | | | | |