



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

**Prepared for:**

Oregon Health Authority

**Prepared by:**

Center for the Study of Services  
1625 K Street NW, Suite 800  
Washington, DC 20006

# Table of Contents

<b>Introduction</b>	<b>4</b>
<b>What’s New in 2022</b>	<b>5</b>
2022 Survey Fielding Updates	5
Updates to the 2022 OHA CAHPS Survey Results Report	5
<b>Executive Summary</b>	<b>6</b>
Results on Key Survey Measures	6
Top Priorities for Quality Improvement	6
Survey Results at a Glance	8
<b>About This Report</b>	<b>9</b>
<b>Survey Methodology</b>	<b>11</b>
Survey Protocol and Timeline	11
Survey Materials	11
Sample Selection	12
Data Capture	12
<b>Member Dispositions and Response Rate</b>	<b>13</b>
<b>Satisfaction with the Experience of Care</b>	<b>14</b>
Patient Experience of Care Measures	14
Calculation and Reporting of Results	16
Summary of Survey Results	17
Detailed Performance Charts	18
<b>Effectiveness of Care</b>	<b>34</b>

Effectiveness of Care Measures .....	34
Effectiveness of Care Results.....	34
<b>Member Profile and Analysis of Ratings by Member Segment .....</b>	<b>36</b>
Health Status and Demographics .....	37
Use of Services .....	42
<b>Key Driver Analysis .....</b>	<b>45</b>
Objectives.....	45
Technical Approach .....	45
Industry Key Driver Model .....	47
Opportunities for Plan Quality Improvement .....	48
Health Plan Quality Improvement Resources for Key Drivers.....	49
<b>Appendix .....</b>	<b>I</b>
Calculation Guidelines for Rating and Composite Global Proportions.....	II
Glossary of Terms .....	IV
Survey Instrument.....	VII

## 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 Cascade Health Alliance, hereafter referred to as CHA between January 25 and May 2, 2022.

The final survey sample for CHA included 1,100 members. During the survey fielding period, 247 sample members completed the survey. After final survey eligibility criteria were applied, the resulting NCQA response rate was 22.81 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 OHP	
None	Rating of Personal Doctor (by 8.05 points)

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

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 CHA ADULT MEDICAID OHA CAHPS SURVEY: RESULTS AT A GLANCE

CAHPS 5.0H Survey Measures		Global Proportions and Question Summary Rates						Valid Responses			2022 State OHP	
		2020		2021		2022	2020	2021	2022			
		Rate	Point Change	Rate	Point Change	Rate				Rate	Point Diff.	
Overall Ratings (% 8, 9, or 10)	Q8. Rating of All Health Care	63.13%	[+2.41]	67.66%	[-2.12]	65.54%	179	167	148	69.18%	[-3.64]	
	Q18. Rating of Personal Doctor	78.49%	[-7.14]	78.83%	[-7.48]	71.35%	186	222	185	79.40%	[-8.05] ★	
	Q22. Rating of Specialist Seen Most Often	82.42%	[+2.64]	79.55%	[+5.51]	85.06%	91	88	87	78.44%	[+6.62]	
	Q28. Rating of Health Plan	61.89%	[+5.97]	66.04%	[+1.82]	67.86%	244	265	224	72.21%	[-4.35]	
Getting Needed Care (% Always or Usually)	<b>Getting Needed Care Composite</b>	79.40%	[-1.29]	76.00%	[+2.11]	78.11%	136	133	120	78.47%	[-0.36]	
	Q9. Easy to get needed care	80.68%	[-1.63]	81.18%	[-2.12]	79.05%	176	170	148	82.18%	[-3.13]	
	Q20. Easy to see specialists	78.13%	[-0.95]	70.83%	[+6.34]	77.17%	96	96	92	74.76%	[+2.42]	
Getting Care Quickly (% Always or Usually)	<b>Getting Care Quickly Composite</b>	75.93%	[-3.24]	82.60%	[-9.91]	72.69%	125	117	105	79.09%	[-6.40]	
	Q4. Got urgent care as soon as needed	74.42%	[-4.42]	85.33%	[-15.33] ★	70.00%	86	75	80	80.25%	[-10.25] ★	
	Q6. Got routine care as soon as needed	77.44%	[-2.05]	79.87%	[-4.49]	75.38%	164	159	130	77.94%	[-2.55]	
How Well Doctors Communicate* (% Always or Usually)	<b>How Well Doctors Communicate Composite</b>	93.15%	[-6.12]	90.68%	[-3.65]	87.03%	146	156	139	91.55%	[-4.52]	
	Q12. Doctor explained things	93.84%	[-8.22] ★	92.36%	[-6.75]	85.61%	146	157	139	92.06%	[-6.45] ★	
	Q13. Doctor listened carefully	93.84%	[-7.50] ★	92.31%	[-5.98]	86.33%	146	156	139	91.22%	[-4.89]	
	Q14. Doctor showed respect	94.52%	[-5.31]	90.38%	[-1.18]	89.21%	146	156	139	93.04%	[-3.83]	
	Q15. Doctor spent enough time	90.41%	[-3.45]	87.66%	[-0.71]	86.96%	146	154	138	89.86%	[-2.90]	
Customer Service (% Always or Usually)	<b>Customer Service Composite</b>	79.33%	[+10.50]	85.80%	[+4.03]	89.84%	75	81	50	89.07%	[+0.77]	
	Q24. Provided needed information/help	69.33%	[+14.34]	76.54%	[+7.13]	83.67%	75	81	49	83.67%	[+0.01]	
	Q25. Treated with courtesy/respect	89.33%	[+6.67]	95.06%	[+0.94]	96.00%	75	81	50	94.47%	[+1.53]	
	Q17. Coordination of Care (% Always or Usually)	75.00%	[+3.75]	82.02%	[-3.27]	78.75%	84	89	80	82.28%	[-3.53]	
Effectiveness of Care Measures	Flu Vaccinations for Adults	33.19%	[-3.50]	27.16%	[+2.53]	29.69%	235	243	192	36.00%	[-6.31]	
	Advising Smokers and Tobacco Users to Quit	70.24%	[+1.82]	66.67%	[+5.39]	72.06%	84	87	68	63.65%	[+8.41]	
	Discussing Cessation Medications	45.78%	[+7.25]	52.27%	[+0.76]	53.03%	83	88	66	46.94%	[+6.09]	
	Discussing Cessation Strategies	47.62%	[+0.14]	48.84%	[-1.08]	47.76%	84	86	67	40.56%	[+7.20]	

30330

### Calculation and Reporting of Results

All rates were calculated by CSS following NCOA 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 CHA, 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 CHA 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 CHA 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 CHA 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 CHA 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 CHA 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 CHA 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 CHA *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 CHA 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 CHA 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 CHA. 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 NCOA 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 CHA 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, 247 sample members completed the survey. After final survey eligibility criteria were applied, the resulting response rate was 22.81 percent. Additional detail on sample member status at the end of data collection (dispositions) is provided in Exhibit 2.

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

Disposition	Total		2022 State OHP
	Number	% Initial Sample	
<b>Initial Sample</b>	1,100	100.00%	---
<b>Disposition</b>			
Complete and Eligible - Mail	139	12.64%	10.68%
Complete and Eligible - Phone	93	8.45%	5.33%
Complete and Eligible - Internet	15	1.36%	2.59%
Complete and Eligible - Total	247	22.45%	18.59%
Does not meet Eligible Population criteria	11	1.00%	1.54%
Incomplete (but Eligible)	25	2.27%	2.22%
Ineligible	6	0.55%	0.69%
- Language barrier	1	0.09%	0.23%
- Mentally or physically incapacitated	5	0.45%	0.63%
- Deceased	0	0.00%	0.17%
Refusal	53	4.82%	4.21%
Nonresponse after maximum attempts	753	68.45%	71.85%
Added to Do Not Call (DNC) list	5	0.45%	0.56%
<b>Response Rate*</b>		<b>22.81%</b>	<b>19.08%</b>

30330

\*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 CHA 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 CHA 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 CHA ADULT MEDICAID OHA CAHPS SURVEY: PATIENT EXPERIENCE MEASURES

Survey Measures	Your Organization						2022 State OHP	
	2022		2021		2020		Rate	Point Diff.
	Rate	(n)	Rate	Point Change	Rate	Point Change		
<b>Ratings</b>								
Rating of Personal Doctor	71.35%	(185)	78.83%	[-7.48]	78.49%	[-7.14]	79.40%	[-8.05] ★
Rating of Specialist Seen Most Often	85.06%	(87)	79.55%	[+5.51]	82.42%	[+2.64]	78.44%	[+6.62]
Rating of All Health Care	65.54%	(148)	67.66%	[-2.12]	63.13%	[+2.41]	69.18%	[-3.64]
Rating of Health Plan	67.86%	(224)	66.04%	[+1.82]	61.89%	[+5.97]	72.21%	[-4.35]
<b>Composite Measures</b>								
Getting Needed Care	78.11%	(120)	76.00%	[+2.11]	79.40%	[-1.29]	78.47%	[-0.36]
Getting Care Quickly	72.69%	(105)	82.60%	[-9.91]	75.93%	[-3.24]	79.09%	[-6.40]
How Well Doctors Communicate	87.03%	(139)	90.68%	[-3.65]	93.15%	[-6.12]	91.55%	[-4.52]
Customer Service	89.84%	(50)	85.80%	[+4.03]	79.33%	[+10.50]	89.07%	[+0.77]
<b>Additional Content Areas</b>								
Coordination of Care	78.75%	(80)	82.02%	[-3.27]	75.00%	[+3.75]	82.28%	[-3.53]

#### 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

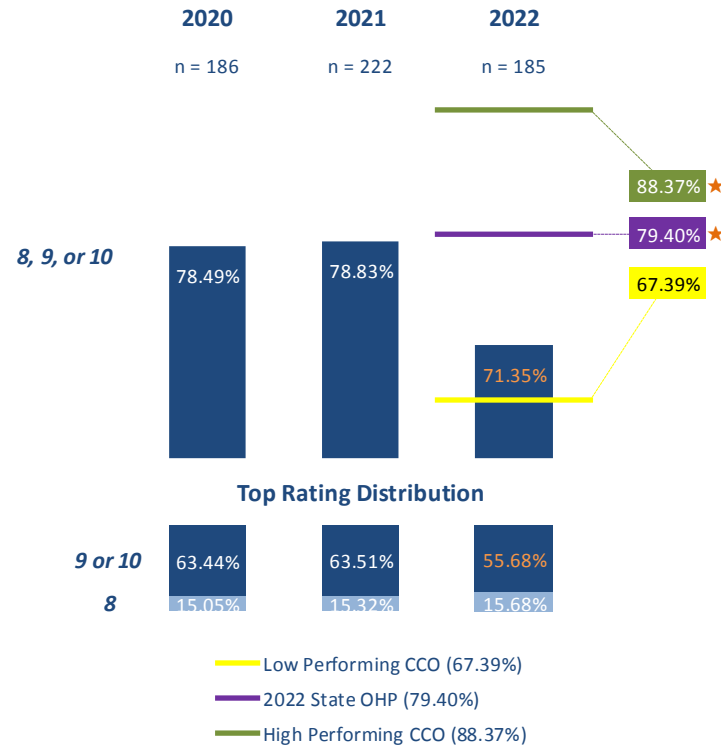
- Survey scores are trended over three consecutive years of data collection, if available. A result may not be available if the survey was not administered in a given year, if the measure is new, or if the measure is not deemed appropriate for trending. In such cases, “no data” appears in place of the 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.

# Rating of Personal Doctor

Percent Responding 8, 9, or 10



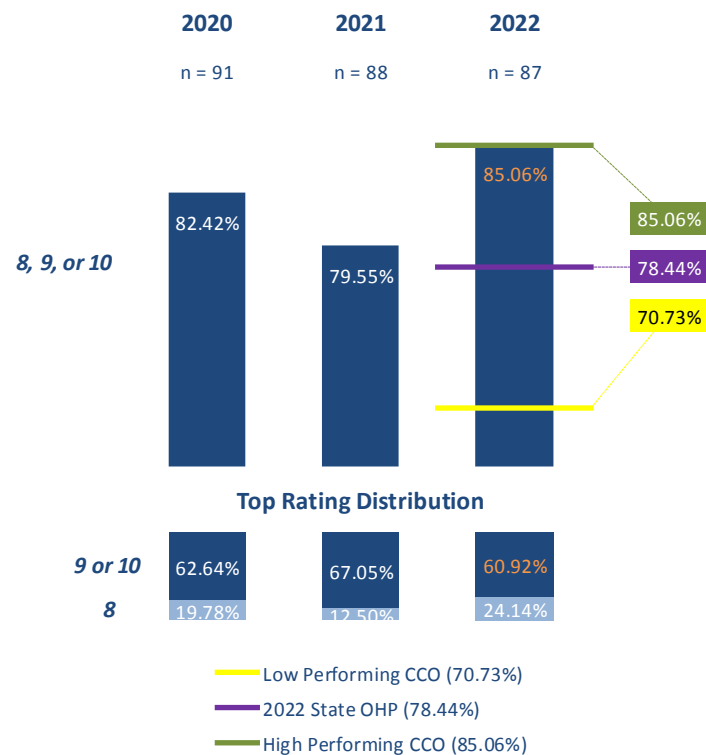
30330

All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

# Rating of Specialist Seen Most Often

Percent Responding 8, 9, or 10



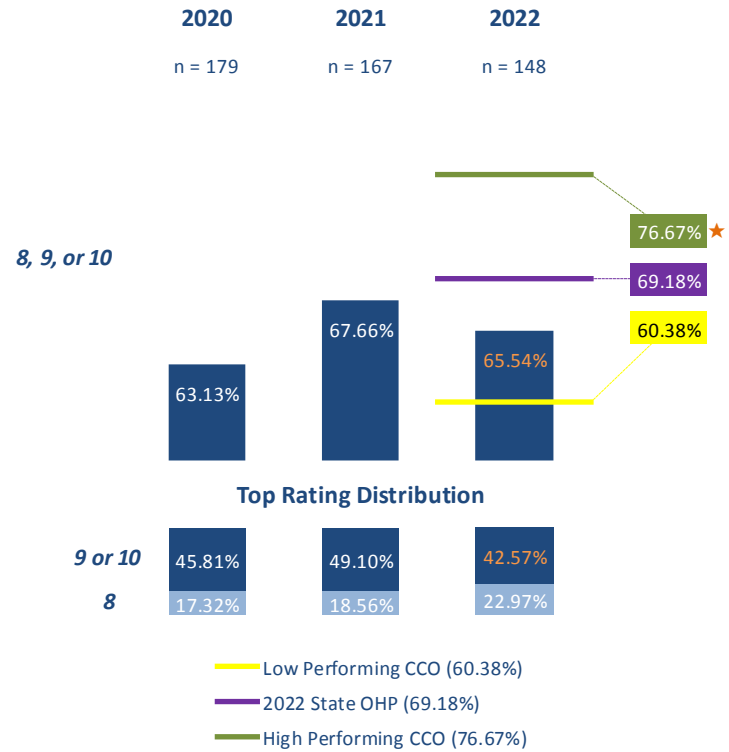
30330

All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

# Rating of All Health Care

Percent Responding 8, 9, or 10



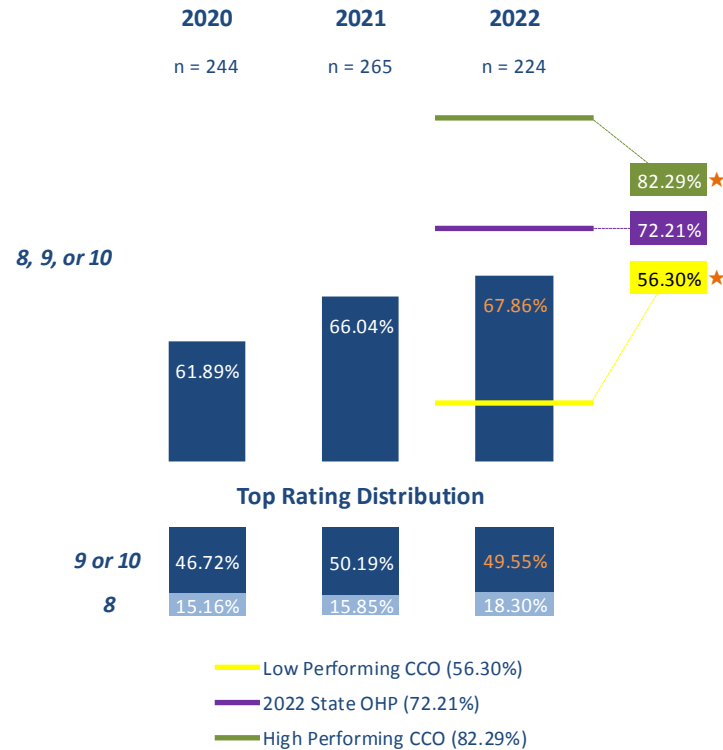
30330

All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

# Rating of Health Plan

Percent Responding 8, 9, or 10



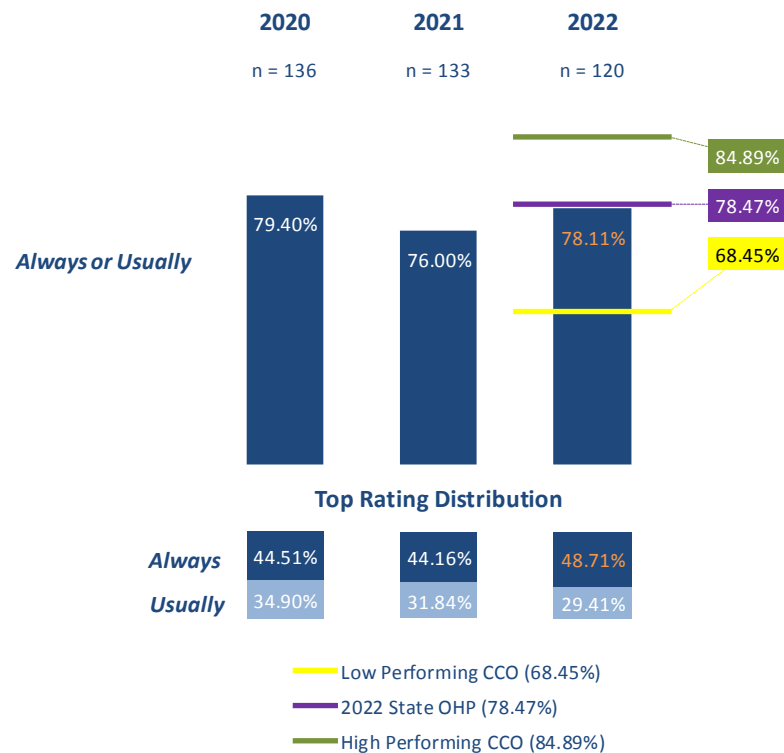
30330

All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

# Getting Needed Care (Composite)

Percent Responding Always or Usually



30330

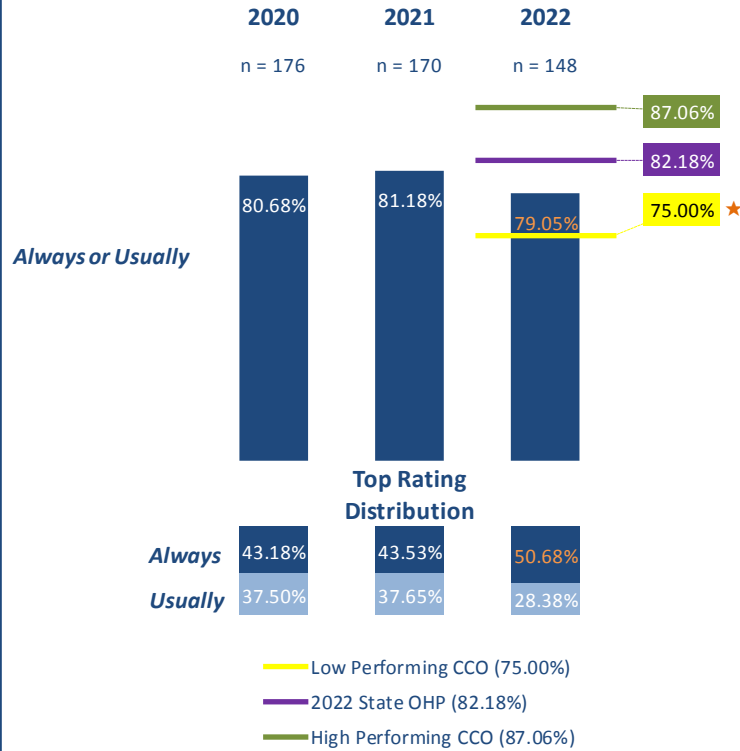
All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" appears in place of n, indicating that the results are not reportable by OHA. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

# Getting Needed Care (Contributing Items)

Percent Responding Always or Usually

Q9. In the last 6 months, how often was it easy to get the care, tests, or treatment you needed?



Q20. In the last 6 months, how often did you get an appointment with a specialist as soon as you needed?



30330

All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.



# Getting Care Quickly (Composite)

Percent Responding Always or Usually



30330

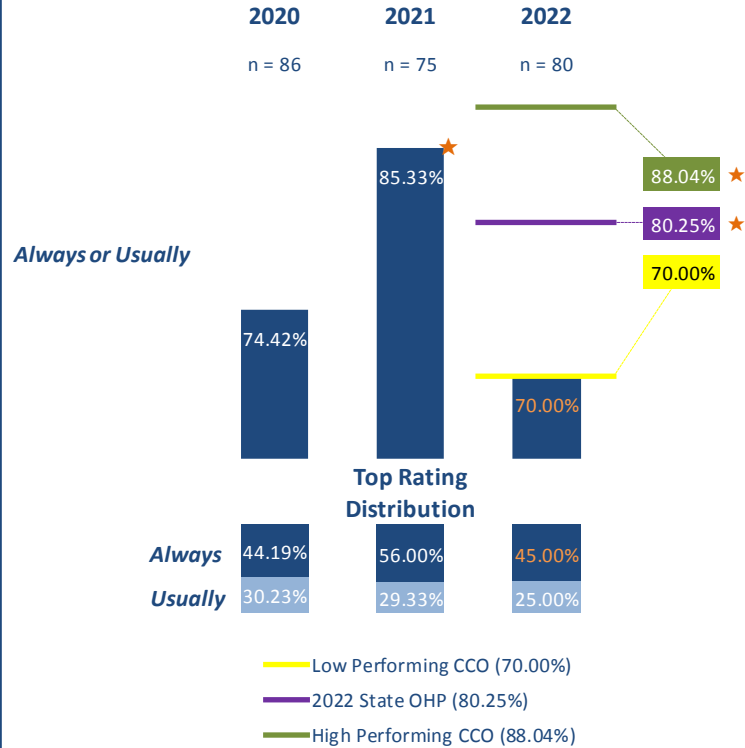
All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" appears in place of n, indicating that the results are not reportable by OHA. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

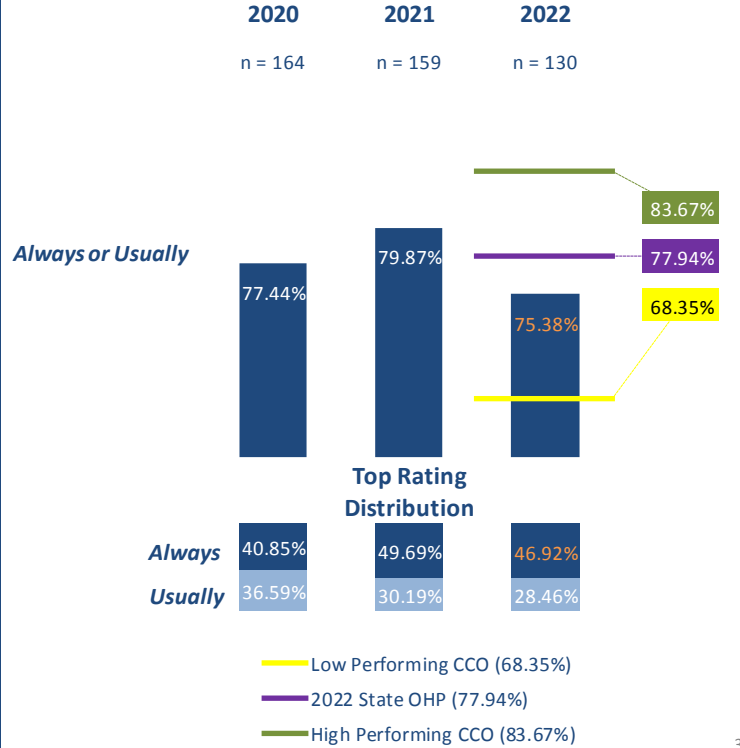
# Getting Care Quickly (Contributing Items)

Percent Responding Always or Usually

Q4. In the last 6 months, when you needed care right away, how often did you get care as soon as you needed?



Q6. In the last 6 months, how often did you get an appointment for a check-up or routine care as soon as you needed?



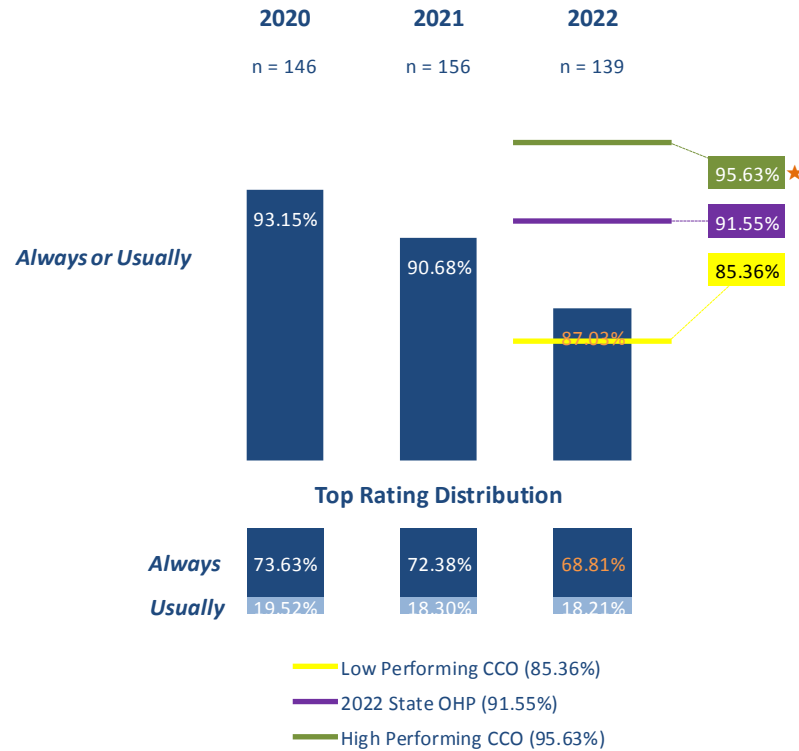
30330

All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

# How Well Doctors Communicate (Composite)

Percent Responding Always or Usually



30330

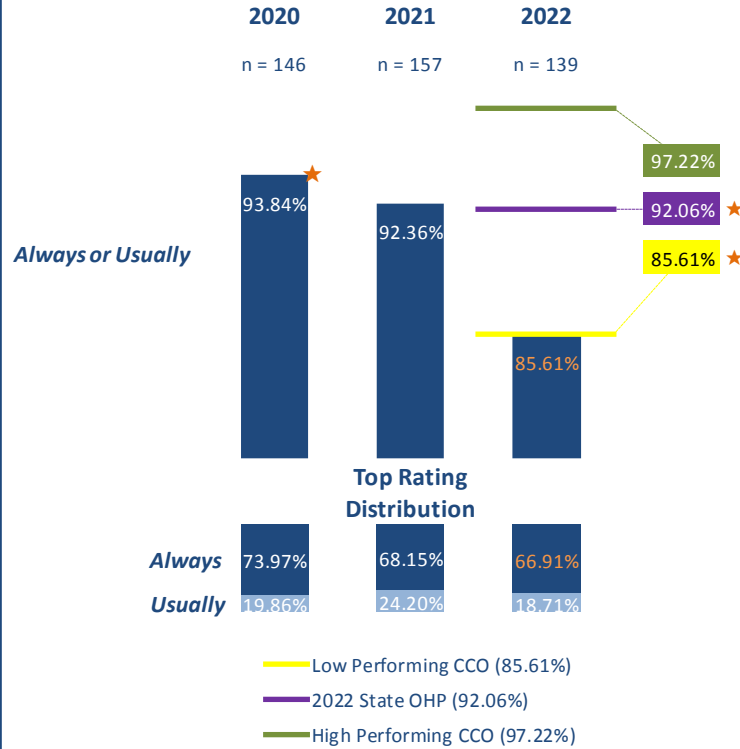
All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" appears in place of n, indicating that the results are not reportable by OHA. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

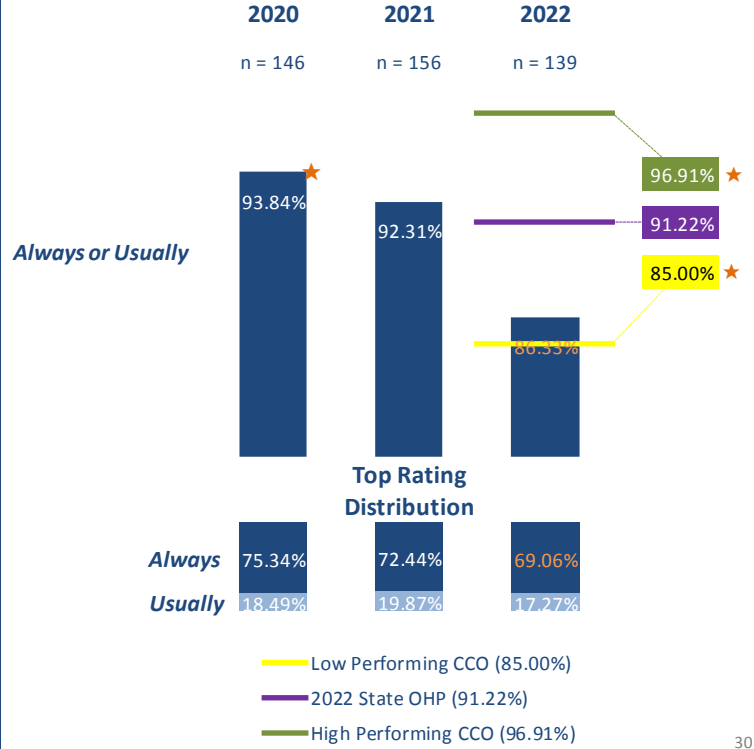
# How Well Doctors Communicate (Contributing Items)

Percent Responding Always or Usually

Q12. In the last 6 months, how often did your personal doctor explain things in a way that was easy to understand?



Q13. In the last 6 months, how often did your personal doctor listen carefully to you?



30330

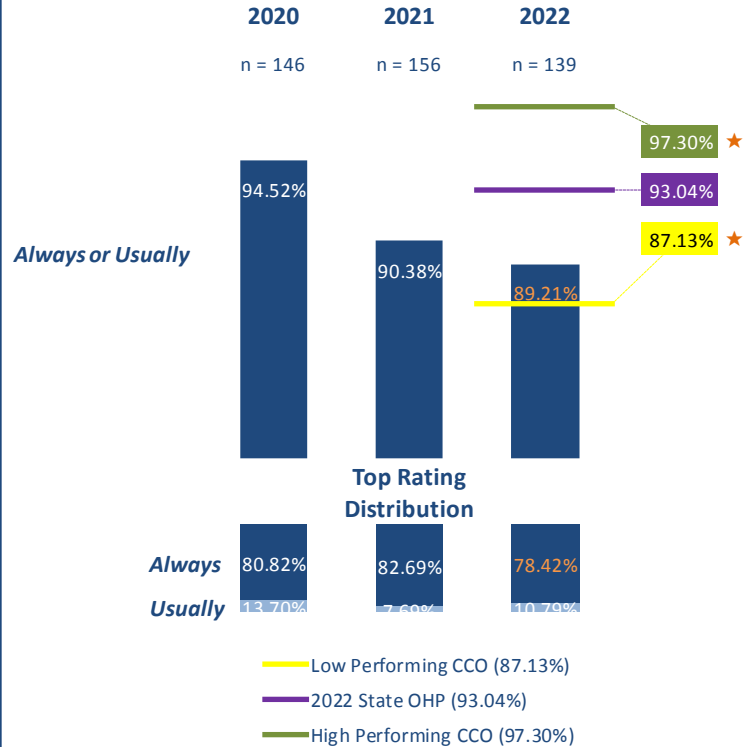
All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" appears in place of n, indicating that the results are not reportable by OHA. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

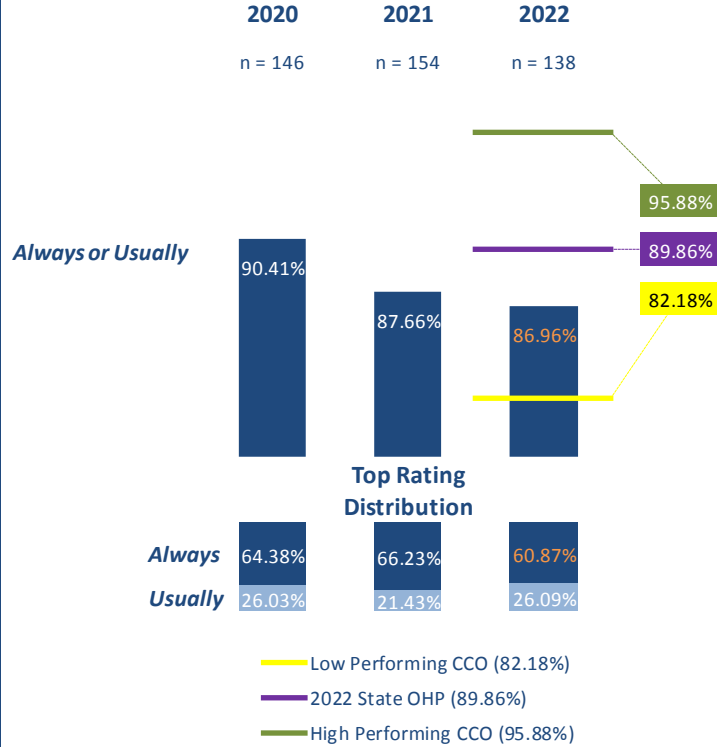
# How Well Doctors Communicate (Contributing Items)

Percent Responding Always or Usually

Q14. In the last 6 months, how often did your personal doctor show respect for what you had to say?



Q15. In the last 6 months, how often did your personal doctor spend enough time with you?



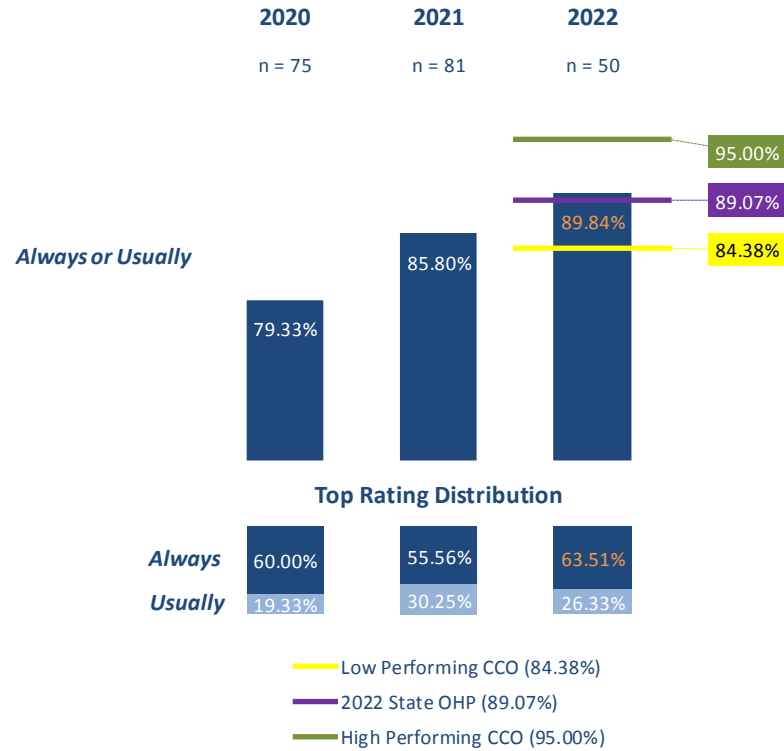
30330

All rates were calculated by CSS following NCOA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

# Customer Service (Composite)

Percent Responding Always or Usually



30330

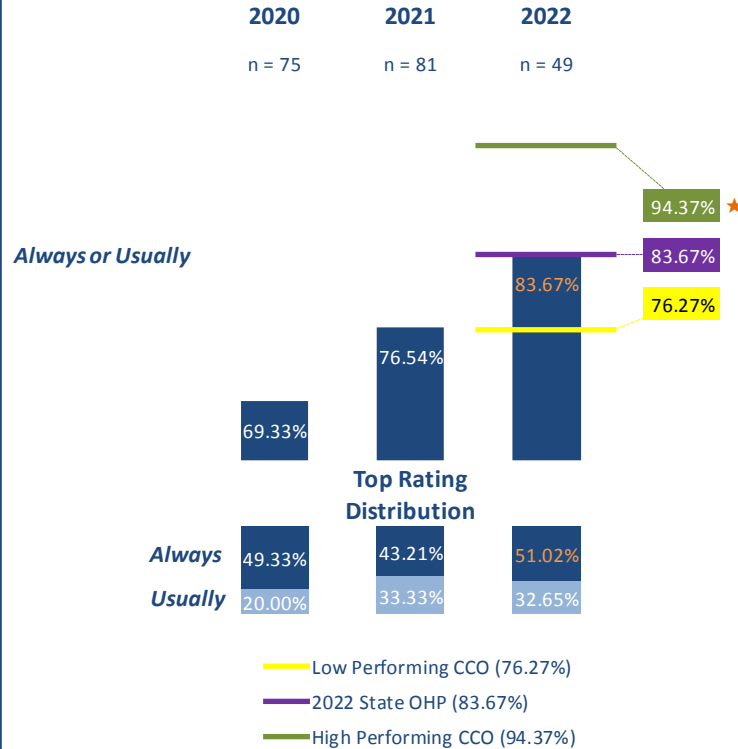
All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. At least 30 valid responses must be collected for a measure result to be reportable by OHA. If n is less than 30, "NR" appears in place of n, indicating that the results are not reportable by OHA. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

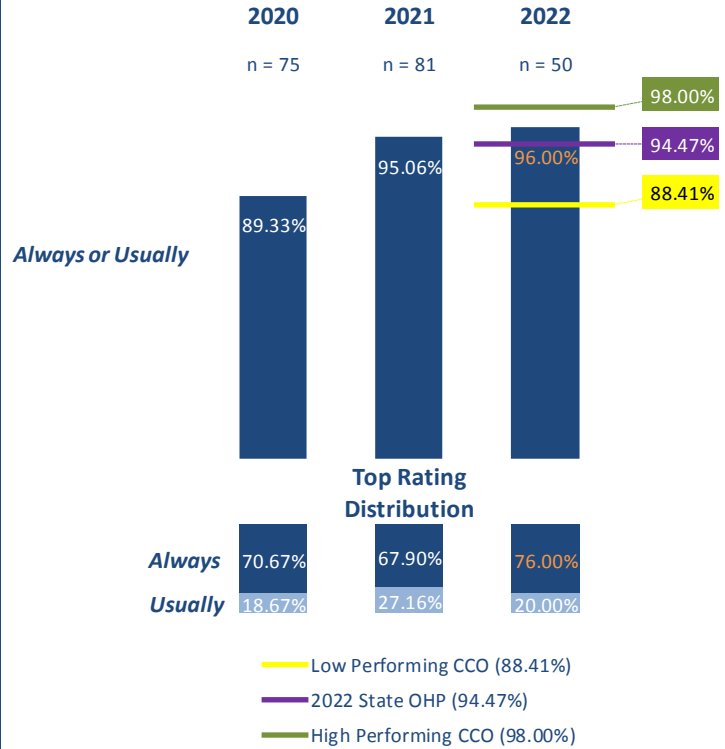
# Customer Service (Contributing Items)

Percent Responding Always or Usually

Q24. In the last 6 months, how often did your health plan's customer service give you the information or help you needed?



Q25. In the last 6 months, how often did your health plan's customer service staff treat you with courtesy and respect?



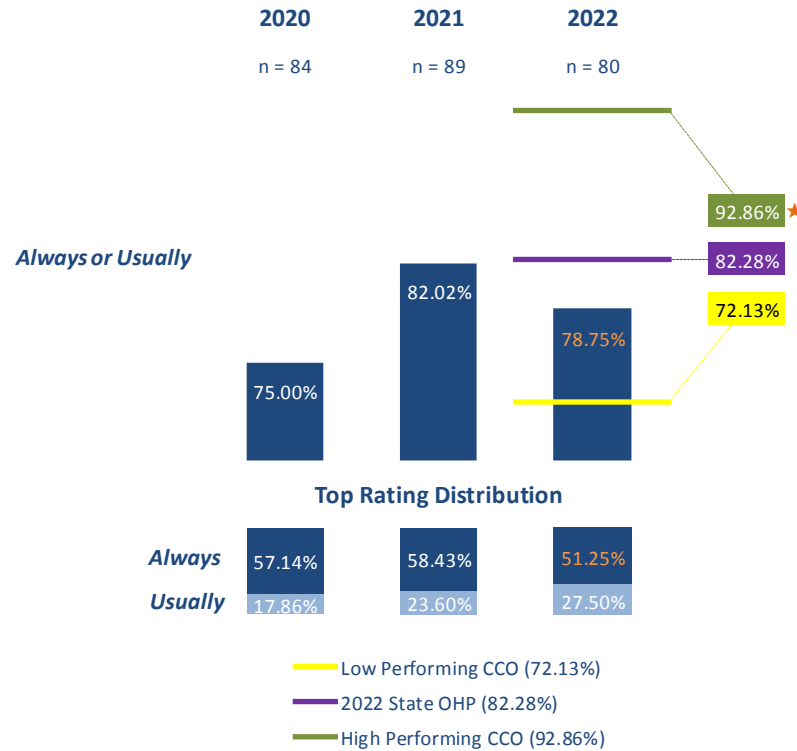
30330

All rates were calculated by CSS following NCOA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

# Coordination of Care (Single Item)

Percent Responding Always or Usually



30330

All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

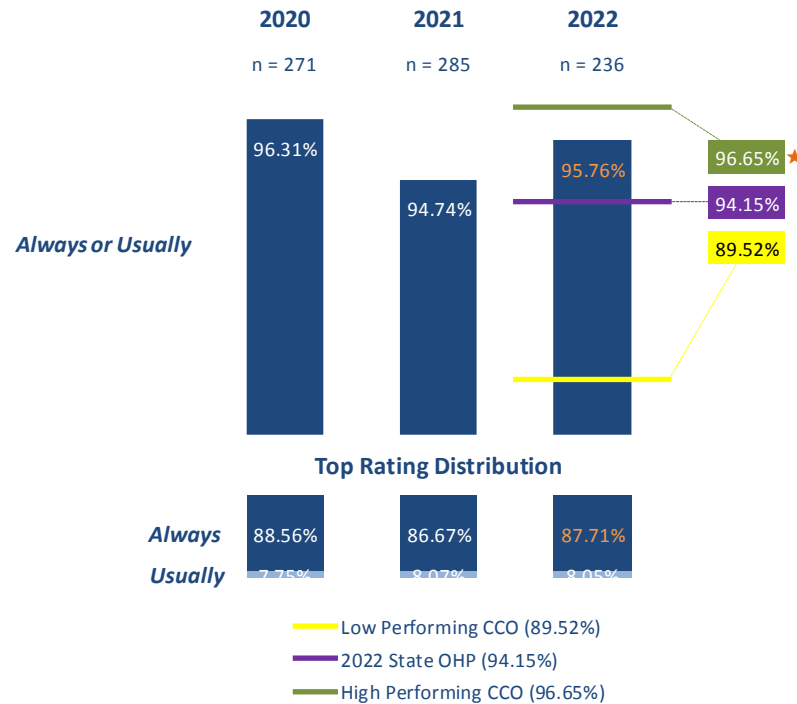
Tests of statistical significance were conducted for the following reportable rates: (8 + 9 + 10) and (9 + 10). Statistically significant differences, tested at the 95% confidence level, between your organization's **current-year rate** and a comparison rate (prior-year, or national rate) are marked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



# Forms from Plan Were Easy to Fill Out (Single Item)

Percent Responding Always or Usually

Q27. In the last 6 months, how often were the forms from your health plan easy to fill out? (Note: Respondents who did not have to fill out any forms from the health plan are counted as answering "Always".)



30330

All rates were calculated by CSS following NCQA specifications. The denominator (n) represents the number of valid responses collected for the measure. 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. If survey data are not available or the measure is not trendable, "No data" appears in place of n.

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.

## 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 CHA 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 CHA ADULT MEDICAID OHA CAHPS SURVEY: EFFECTIVENESS OF CARE MEASURES

Effectiveness of Care Measures	2022		Comparison between 2022 and...			
			2021		2022 State OHP	
	Rate	(n)	Rate	Point Change	Rate	Point Diff.
<b>Flu Vaccinations for Adults (FVA)</b>						
Flu Vaccinations for Adults	29.69%	(192)	27.16%	[+2.53]	36.00%	[-6.31]
<b>Medical Assistance with Smoking and Tobacco Use Cessation (MSC)</b>						
Advising Smokers and Tobacco Users to Quit	72.06%	(68)	66.67%	[+5.39]	63.65%	[+8.41]
Discussing Cessation Medications	53.03%	(66)	52.27%	[+0.76]	46.94%	[+6.09]
Discussing Cessation Strategies	47.76%	(67)	48.84%	[-1.08]	40.56%	[+7.20]

30330

**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 CHA 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 CHA 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 CHA 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:

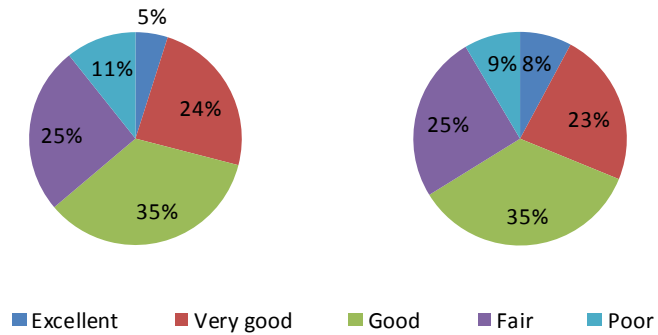
- Respondent's self-reported health status
- Respondent's self-reported mental or emotional health status
- Respondent's age
- Respondent's current gender identity
- Respondent's education level
- Respondent's primary racial or ethnic identity

Q31. In general, how would you rate your overall health?

Q32. In general, how would you rate your overall mental or emotional health?

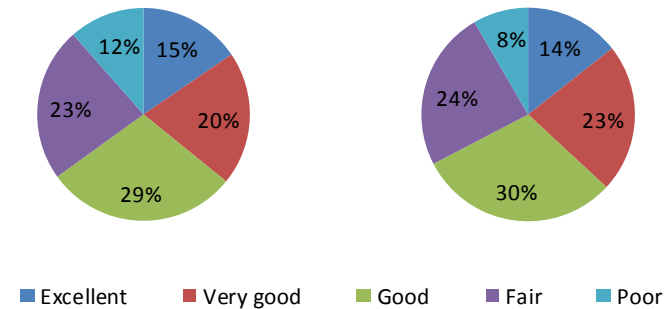
Your Organization

State OHP\*

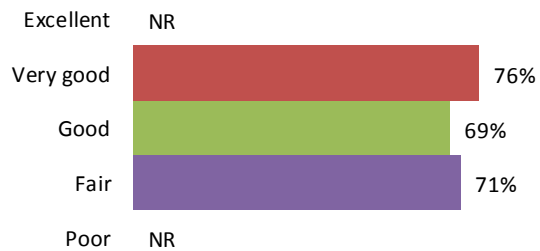


Your Organization

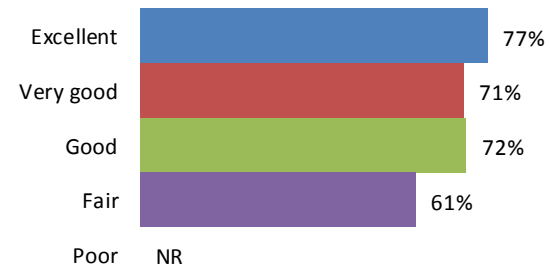
State OHP\*



Percent of Your Organization's Members Rating Their Plan as 8, 9, or 10 by Response to Q31\*\*



Percent of Your Organization's Members Rating Their Plan as 8, 9, or 10 by Response to Q32\*\*



Note: all percentages are rounded for display. *Rating of Health Plan* score should be interpreted with caution if the size of the group (pie slice) is small.

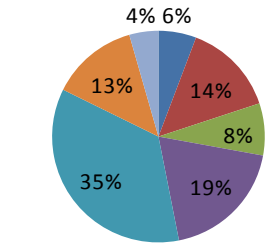
30330

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

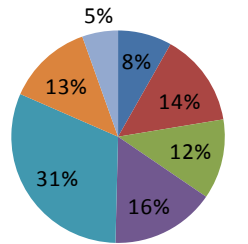
\*\* Includes members who answered the question and provided a valid response to Q28 (Rating of Health Plan). "No data" appears in place of the score if none of the group respondents provided a valid response to Q28 or if no one rated the plan as 8, 9, or 10. "NR" appears in place of the score if the 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.

Q38. What is your age?

Your Organization

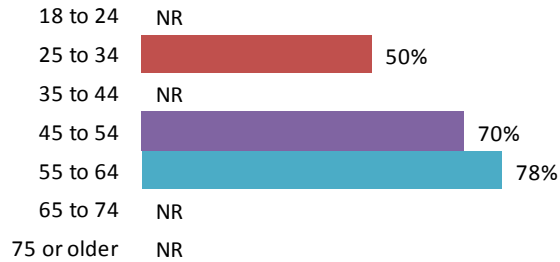


State OHP\*



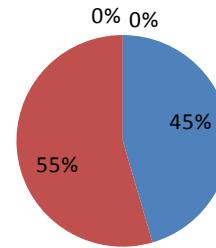
■ 18 to 24 ■ 25 to 34 ■ 35 to 44 ■ 45 to 54  
 ■ 55 to 64 ■ 65 to 74 ■ 75 or older

Percent of Your Organization's Members Rating Their Plan as 8, 9, or 10 by Response to Q38\*\*

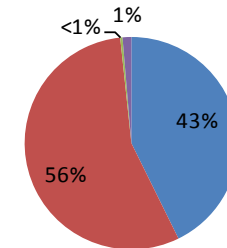


Q40. What is your current gender identity?

Your Organization

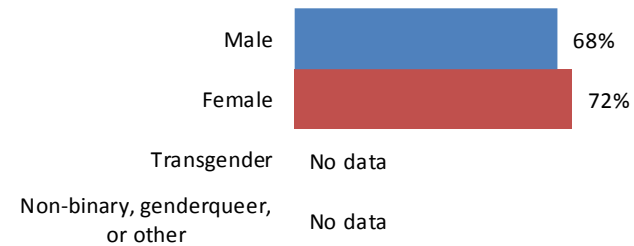


State OHP\*



■ Male ■ Female ■ Transgender ■ Non-binary, genderqueer, or other

Percent of Your Organization's Members Rating Their Plan as 8, 9, or 10 by Response to Q40\*\*



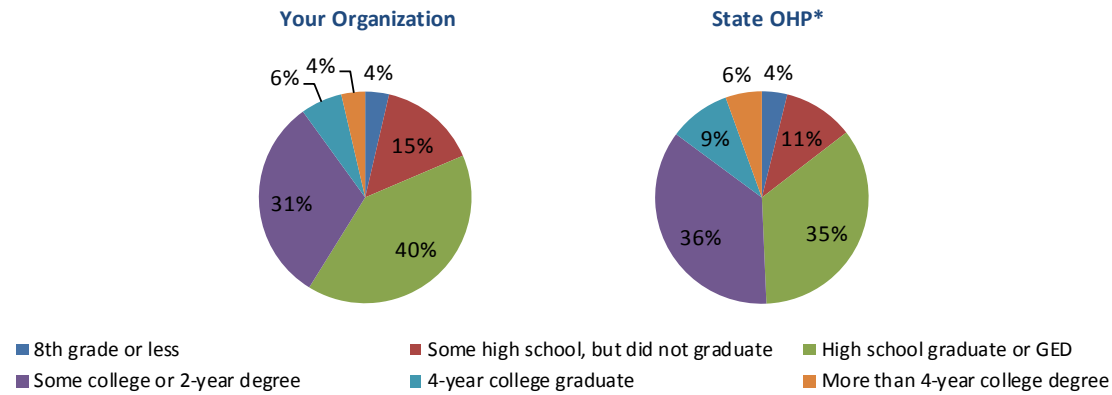
Note: all percentages are rounded for display. *Rating of Health Plan* score should be interpreted with caution if the size of the group (pie slice) is small.

30330

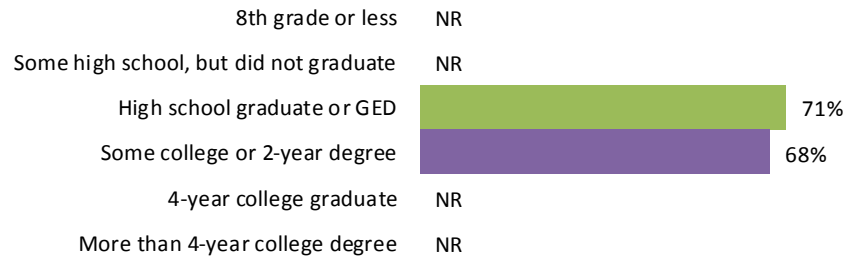
\* Represents the combined distribution of responses to this question for all plans included in the 2022 State OHP.

\*\* 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.

Q41. What is the highest grade or level of school that you have completed?



Percent of Your Organization's Members Rating Their Plan as 8, 9, or 10 by Response to Q41\*\*



Note: all percentages are rounded for display. *Rating of Health Plan* score should be interpreted with caution if the size of the group (pie slice) is small.

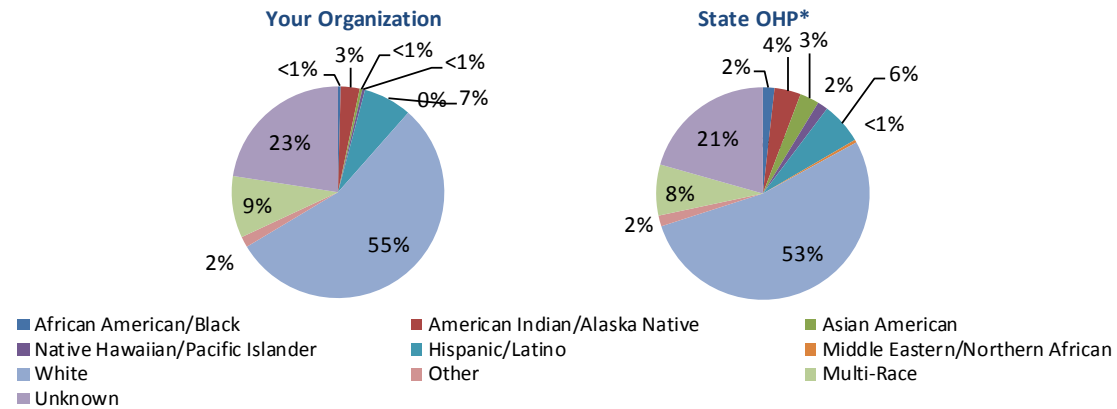
30330

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

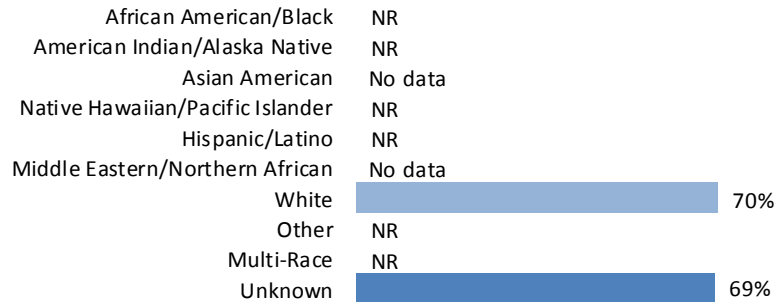
\*\* Includes members who answered the question and provided a valid response to Q28 (Rating of Health Plan). "No data" appears in place of the score if none of the group respondents provided a valid response to Q28 or if no one rated the plan as 8, 9, or 10. "NR" appears in place of the score if the 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.



Q58. If you checked more than one category above, is there one you think of as your primary racial or ethnic identity?



Percent of Your Organization's Members Rating Their Plan as 8, 9, or 10 by Response to Q58\*\*



Note: all percentages are rounded for display. *Rating of Health Plan* score should be interpreted with caution if the size of the group (pie slice) is small.

30330

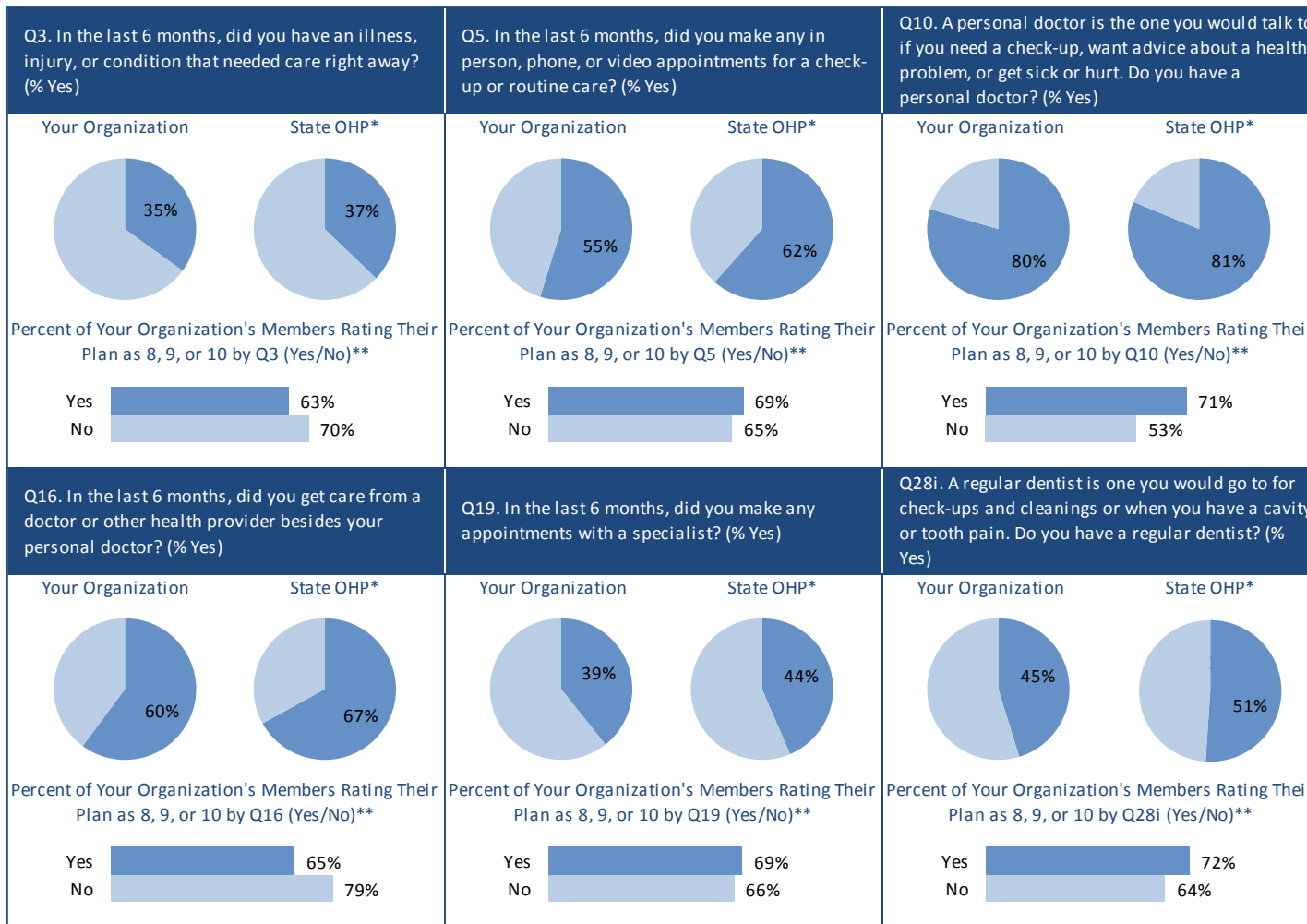
\* Represents the combined distribution of responses to this question for all plans included in the 2022 State OHP.

\*\* 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.

## 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



Note: all percentages are rounded for display. *Rating of Health Plan* score should be interpreted with caution if the size of the group (pie slice) is small.

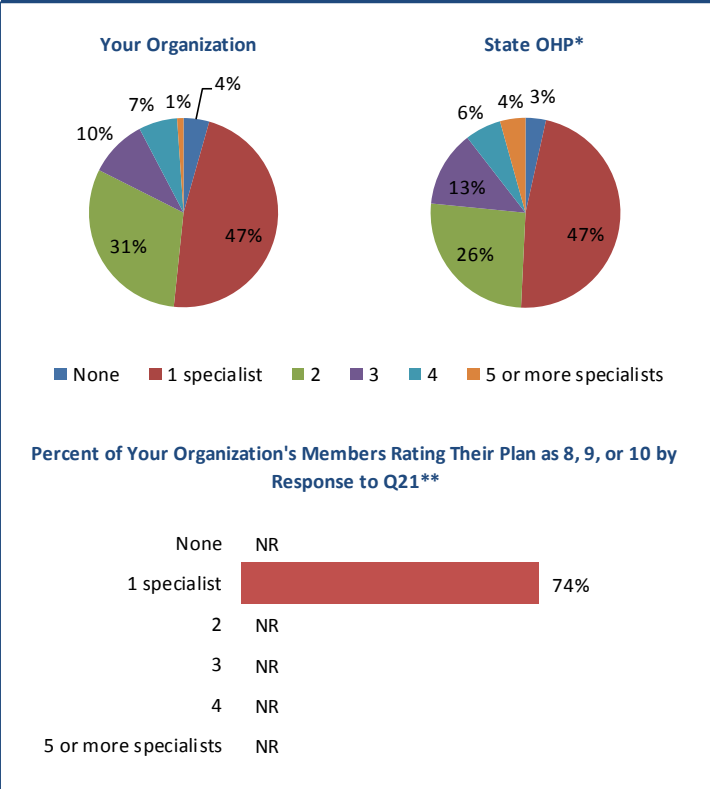
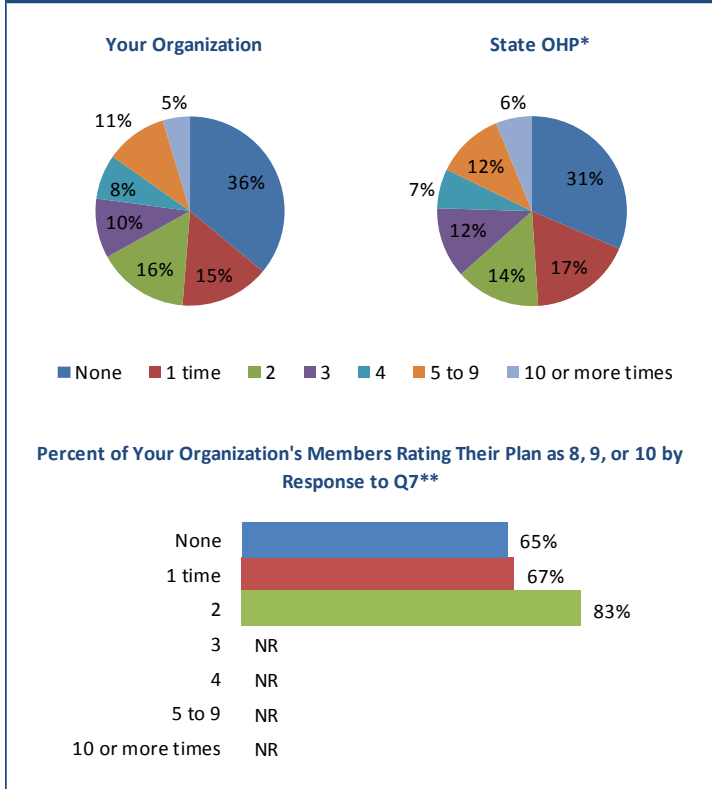
30330

\* 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.

Q7. In the last 6 months, not counting the times you went to an emergency room, how many times did you get health care for yourself in person, by phone, or by video?

Q21. How many specialists have you talked to in the last 6 months? (Note: the question applies only to those respondents who had appointments with specialists.)



Note: all percentages are rounded for display. *Rating of Health Plan* score should be interpreted with caution if the size of the group (pie slice) is small. 30330

\* 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 CHA 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 CHA is currently performing on these measures. Improvement targets identified specifically for CHA, 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 member 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 9 or 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 9 or 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 CHA are presented in Exhibit 5. The ordering reflects both the strength of each key driver in the broad industry context and how CHA is currently performing on the measure.

The middle panel of the chart compares how CHA 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 CHA performance and the best practice score.

The bar chart on the right displays the expected improvement in the overall *Rating of Health Plan* score CHA 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 CHA 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 <b>Best Practice Score*</b>	Expected Percentage Point <b>Improvement</b> in <b>Rating of Health Plan</b> score (percent 9 or 10) if Key Driver Performs at Best Practice Level
Q18. Rating of Personal Doctor (percent 9 or 10)	55.68%	+18.74%  74.42%	 +8.40%
Q4. Got an appointment for urgent care as soon as needed (percent <i>Usually</i> or <i>Always</i> )	70.00%	+18.04%  88.04%	 +1.97%
Q9. Ease of getting needed care, tests, or treatment (percent <i>Usually</i> or <i>Always</i> )	79.05%	+8.00%  87.06%	 +1.74%
Q22. Rating of Specialist Seen Most Often (percent 9 or 10)	60.92%	+12.93%  73.85%	 +1.26%
Q24. Customer service provided information or help (percent <i>Usually</i> or <i>Always</i> )	83.67%	+10.69%  94.37%	 +1.06%

\*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.

30330



## HEALTH PLAN QUALITY IMPROVEMENT RESOURCES FOR KEY DRIVERS

CSS's Industry *Key Driver Analysis* lists improvement opportunities and priorities for CHA. 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](http://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](http://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](http://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/](http://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](http://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/](http://www.pcmh.ahrq.gov/).

- *Alternative Access Centers* – This brief ([www.rwjf.org/content/dam/farm/reports/issue\\_briefs/2015/rwjf419415](http://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/](http://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](http://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 ([publichealth.jmir.org/2020/3/e21607?utm\\_source=TrendMD&utm\\_medium=cpc&utm\\_campaign=JMIR\\_TrendMD\\_1](http://publichealth.jmir.org/2020/3/e21607?utm_source=TrendMD&utm_medium=cpc&utm_campaign=JMIR_TrendMD_1)).

### 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/](http://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/improvement-guide/6-strategies-for-improving-communication/strategy6gtraining.html](http://www.ahrq.gov/cahps/quality-improvement/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 [www.ahrq.gov/cahps/quality-improvement/improvement-guide/6-strategies-for-improving-communication/strategy6i-shared-decisionmaking.html](http://www.ahrq.gov/cahps/quality-improvement/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](http://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](http://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/](http://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/](http://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](http://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](http://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](http://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](http://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/](http://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/](http://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/](http://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](http://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](http://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.gov/our-work/national-health-initiatives/health-literacy/resources](http://health.gov/our-work/national-health-initiatives/health-literacy/resources). AHRQ has also developed its own health literacy toolkit to support physicians: [www.ahrq.gov/professionals/quality-patient-safety/quality-resources/tools/literacy-toolkit/healthlittoolkit2.html](http://www.ahrq.gov/professionals/quality-patient-safety/quality-resources/tools/literacy-toolkit/healthlittoolkit2.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
<i>Never or Sometimes</i>	$1 / 5 = 0.20$	$1 / 4 = 0.25$	$(0.20 + 0.25) / 2 = 0.2250$
<i>Usually</i>	$2 / 5 = 0.40$	$1 / 4 = 0.25$	$(0.40 + 0.25) / 2 = 0.3250$
<i>Always</i>	$2 / 5 = 0.40$	$2 / 4 = 0.50$	$(0.40 + 0.50) / 2 = 0.4500$
<i>Usually or Always</i>	$4 / 5 = 0.80$	$3 / 4 = 0.75$	$(0.80 + 0.75) / 2 = 0.7750$

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 <i>Comparisons to Benchmarks and Prior-Year Results</i> .
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 <i>Pearson correlation coefficient</i> . The coefficient value of 1 indicates a strong positive relationship; -1 indicates a strong negative relationship; zero indicates no relationship at all.
Denominator ( <i>n</i> , 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:

$$\text{Response Rate} = \frac{\text{Complete and Eligible Surveys}}{[\text{Complete and Eligible} + \text{Incomplete (but Eligible)} + \text{Refusal} + \text{Nonresponse after maximum attempts} + \text{Added to Do Not Call (DNC) List}]}$$

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

## 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:

- <sub>1</sub> Yes → **If Yes, Go to Question 1**  
<sub>2</sub> 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?

- <sub>1</sub> Yes → **If Yes, Go to Question 3**  
<sub>2</sub> 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 not include care you got when you stayed overnight in a hospital. Do not 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?

- <sub>1</sub> Yes  
<sub>2</sub> No → **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?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

5. In the last 6 months, did you make any in person, phone, or video appointments for a check-up or routine care?

- <sub>1</sub> Yes
- <sub>2</sub> No → **If No, Go to Question 7**

6. In the last 6 months, how often did you get an appointment for a check-up or routine care as soon as you needed?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

7. In the last 6 months, not counting the times you went to an emergency room, how many times did you get health care for yourself in person, by phone, or by video?

- <sub>0</sub> None → **If None, Go to Question 10**
- <sub>1</sub> 1 time
- <sub>2</sub> 2
- <sub>3</sub> 3
- <sub>4</sub> 4
- <sub>5</sub> 5 to 9
- <sub>6</sub> 10 or more times

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?

- |                            |                          |                          |                          |                          |                          |                          |                           |                          |                          |                          |
|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| 0                          | 1                        | 2                        | 3                        | 4                        | 5                        | 6                        | 7                         | 8                        | 9                        | 10                       |
| <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Worst health care possible |                          |                          |                          |                          |                          |                          | Best health care possible |                          |                          |                          |

9. In the last 6 months, how often was it easy to get the care, tests, or treatment you needed?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

## Your Personal Doctor

10. A personal doctor is the one you would talk to if you need a check-up, want advice about a health problem, or get sick or hurt. Do you have a personal doctor?

- <sub>1</sub> Yes
- <sub>2</sub> No → **If No, Go to Question 19**

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?

- <sub>0</sub> None → **If None, Go to Question 18**
- <sub>1</sub> 1 time
- <sub>2</sub> 2
- <sub>3</sub> 3
- <sub>4</sub> 4
- <sub>5</sub> 5 to 9
- <sub>6</sub> 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?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

13. In the last 6 months, how often did your personal doctor listen carefully to you?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

14. In the last 6 months, how often did your personal doctor show respect for what you had to say?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

15. In the last 6 months, how often did your personal doctor spend enough time with you?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

16. In the last 6 months, did you get care from a doctor or other health provider besides your personal doctor?

- <sub>1</sub> Yes
- <sub>2</sub> No → ***If No, Go to Question 18***

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?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> 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                       |
| <input type="checkbox"/>       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Worst personal doctor possible |                          |                          |                          |                          | Best 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.

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?

- <sub>1</sub> Yes
- <sub>2</sub> No → ***If No, Go to Question 23***

20. In the last 6 months, how often did you get an appointment with a specialist as soon as you needed?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

21. How many specialists have you talked to in the last 6 months?

- <sub>0</sub> None → **If None, Go to Question 23**
- <sub>1</sub> 1 specialist
- <sub>2</sub> 2
- <sub>3</sub> 3
- <sub>4</sub> 4
- <sub>5</sub> 5 or more specialists

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?

- |                           |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 0                         | 1                        | 2                        | 3                        | 4                        | 5                        | 6                        | 7                        | 8                        | 9                        | 10                       |                          |
| <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                          |
| Worst specialist possible |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          | Best specialist possible |

## Your Health Plan

The next questions ask about your experience with your health plan.

23. In the last 6 months, did you get information or help from your health plan's customer service?

- <sub>1</sub> Yes
- <sub>2</sub> No → **If No, Go to Question 26**

24. In the last 6 months, how often did your health plan's customer service give you the information or help you needed?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

25. In the last 6 months, how often did your health plan's customer service staff treat you with courtesy and respect?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

26. In the last 6 months, did your health plan give you any forms to fill out?

- <sub>1</sub> Yes
- <sub>2</sub> No → **If No, Go to Question 28**

27. In the last 6 months, how often were the forms from your health plan easy to fill out?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

28. Using any number from 0 to 10, where 0 is the 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  
            
Worst health plan possible Best 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?

- <sub>1</sub> Yes  
<sub>2</sub> No → **If No, Go to Question 28c**

28b. In the last 6 months, how often was it easy to get the medical equipment you needed through your health plan?

- <sub>1</sub> Never  
<sub>2</sub> Sometimes  
<sub>3</sub> Usually  
<sub>4</sub> Always

28c. In the last 6 months, did you have any health problems that needed special therapy, such as physical, occupational, or speech therapy?

- <sub>1</sub> Yes  
<sub>2</sub> 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 your health plan?

- <sub>1</sub> Never  
<sub>2</sub> Sometimes  
<sub>3</sub> Usually  
<sub>4</sub> Always

## Additional Questions

The following questions ask about how much you think your doctor or other health provider respects your beliefs, attitudes, language and behavior.

28e. In the last 6 months, how often did a doctor or other health provider talk too fast when talking to you?

- <sub>1</sub> Never  
<sub>2</sub> Sometimes  
<sub>3</sub> Usually  
<sub>4</sub> Always

28f. In the last 6 months, how often did a doctor or other health provider interrupt you when you were talking?

- <sub>1</sub> Never  
<sub>2</sub> Sometimes  
<sub>3</sub> Usually  
<sub>4</sub> Always

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?

- <sub>1</sub> Never  
<sub>2</sub> Sometimes  
<sub>3</sub> Usually  
<sub>4</sub> Always

28h. In the last 6 months, did you feel you could trust a doctor or other health provider with your medical care?

- <sub>1</sub> Yes, definitely  
<sub>2</sub> Yes, somewhat  
<sub>3</sub> No



## Access to Dental Care

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?

- <sub>1</sub> Yes
- <sub>2</sub> No

28j. In the last 6 months, did you go to a dentist's office or clinic for care?

- <sub>1</sub> Yes
- <sub>2</sub> No → **If No, Go to Question 28l**

28k. In the last 6 months, how often did the dentists or dental staff explain what they were doing while treating you?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

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?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always
- <sub>5</sub> I did not try to get an appointment with a specialist dentist for myself in the last 6 months

28m. In the last 6 months, if you needed to see a dentist right away because of a dental emergency, how often did you get to see a dentist as soon as you wanted?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always
- <sub>5</sub> I did not have a dental emergency in the last 6 months

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?

- |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 0                        | 1                        | 2                        | 3                        | 4                        | 5                        | 6                        | 7                        | 8                        | 9                        | 10                       |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Extremely difficult      |                          |                          |                          |                          |                          |                          |                          | Extremely easy           |                          |                          |

28o. If you delayed going to the dentist, what was the primary reason? (Select only one.)

- <sub>1</sub> Do not feel it is safe under COVID to visit the dentist's office or get dental care
- <sub>2</sub> The cost of care
- <sub>3</sub> Inconvenient location
- <sub>4</sub> Inconvenient appointment times
- <sub>5</sub> Trouble finding a dentist or dental care
- <sub>6</sub> Fear or anxiety of seeing a dentist
- <sub>7</sub> Went to the emergency room instead for dental care
- <sub>8</sub> I needed an interpreter and wasn't able to get one
- <sub>9</sub> Other reason (*Please print*)
- <sub>10</sub> 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?

- <sub>1</sub> Yes
- <sub>2</sub> No → **If No, Go to Question 29e**

29b. What type of device did you use for a healthcare visit by phone or video?

(Please check ALL that apply.)

- <sub>A</sub> Personal computer with video
- <sub>B</sub> Smartphone or tablet with video
- <sub>C</sub> Telephone without video
- <sub>D</sub> Telehealth kiosk
- <sub>E</sub> Other

29c. How easy or difficult has it been to use technology during a healthcare visit by phone or video?

- <sub>1</sub> Very easy
- <sub>2</sub> Easy
- <sub>3</sub> Difficult
- <sub>4</sub> 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 in-person visits?

- <sub>1</sub> Much worse
  - <sub>2</sub> Slightly worse
  - <sub>3</sub> About the same
  - <sub>4</sub> Slightly better
  - <sub>5</sub> Much better
- **Go to Question 30a on Page 8**

29e. In the last 6 months, what were the reasons you have not had a phone or video session? (Please check ALL that apply.)

- <sub>A</sub> I didn't seek medical care
  - <sub>B</sub> I wasn't aware that phone or video visits were available
  - <sub>C</sub> I preferred to see my provider in person
  - <sub>D</sub> My provider did not offer phone or video visits
  - <sub>E</sub> I didn't have the technology to access a phone or video visit
  - <sub>F</sub> I had privacy concerns about having a phone or video visit
  - <sub>G</sub> I needed an interpreter and wasn't able to get one
  - <sub>H</sub> Other reason (*Please print*)
-

## COVID-19

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

30a. In the last 6 months, how often did you delay getting physical health care because of COVID-19?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always
- <sub>5</sub> I did not need physical health care in the last 6 months

30b. In the last 6 months, how often did you delay getting mental health care because of COVID-19?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always
- <sub>5</sub> I did not need mental health care in the last 6 months

30c. In the last 6 months, how often did you delay getting dental care because of COVID-19?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always
- <sub>5</sub> I did not need dental care in the last 6 months

## About You

31. In general, how would you rate your overall health?

- <sub>1</sub> Excellent
- <sub>2</sub> Very Good
- <sub>3</sub> Good
- <sub>4</sub> Fair
- <sub>5</sub> Poor

32. In general, how would you rate your overall mental or emotional health?

- <sub>1</sub> Excellent
- <sub>2</sub> Very Good
- <sub>3</sub> Good
- <sub>4</sub> Fair
- <sub>5</sub> Poor

33. Have you had either a flu shot or flu spray in the nose since July 1, 2021?

- <sub>1</sub> Yes
- <sub>2</sub> No
- <sub>3</sub> Don't know

34. Do you now smoke cigarettes or use tobacco every day, some days, or not at all?

- <sub>1</sub> Every day
- <sub>2</sub> Some days
- <sub>3</sub> Not at all → ***If Not at All, Go to Question 38***
- <sub>4</sub> Don't know → ***If Don't know, Go to Question 38***

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?

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

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.

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

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.

- <sub>1</sub> Never
- <sub>2</sub> Sometimes
- <sub>3</sub> Usually
- <sub>4</sub> Always

38. What is your age?

- <sub>1</sub> 18 to 24
- <sub>2</sub> 25 to 34
- <sub>3</sub> 35 to 44
- <sub>4</sub> 45 to 54
- <sub>5</sub> 55 to 64
- <sub>6</sub> 65 to 74
- <sub>7</sub> 75 or older

39. What was your biological sex at birth?

- <sub>1</sub> Male
- <sub>2</sub> Female

40. What is your current gender identity?

- <sub>1</sub> Male
- <sub>2</sub> Female
- <sub>3</sub> Transgender
- <sub>4</sub> Non-binary, genderqueer, or other

41. What is the highest grade or level of school that you have completed?

- <sub>1</sub> 8th grade or less
- <sub>2</sub> Some high school, but did not graduate
- <sub>3</sub> High school graduate or GED
- <sub>4</sub> Some college or 2-year degree
- <sub>5</sub> 4-year college graduate
- <sub>6</sub> More than 4-year college degree



52. Do you have serious difficulty learning how to do things most people your age can learn?

<sub>1</sub> Yes

<sub>2</sub> No

53. Using your usual (customary) language, do you have serious difficulty communicating (for example understanding or being understood by others)?

<sub>1</sub> Yes

<sub>2</sub> 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?

<sub>1</sub> Yes

<sub>2</sub> No

55. Do you have serious difficulty with the following: mood, intense feelings, controlling your behavior, or experiencing delusions or hallucinations?

<sub>1</sub> Yes

<sub>2</sub> No

## Race and Ethnicity

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

---

57. Which of the following describes your racial or ethnic identity? Please check ALL that apply.

Hispanic and Latino/a/x

- <sub>A</sub> Central American
- <sub>B</sub> Mexican
- <sub>C</sub> South American
- <sub>D</sub> Other Hispanic or Latino/a/x

Native Hawaiian and Pacific Islander

- <sub>E</sub> CHamoru (Chamorro)
- <sub>F</sub> Marshallese
- <sub>G</sub> Communities of the Micronesian Region
- <sub>H</sub> Native Hawaiian
- <sub>I</sub> Samoan
- <sub>J</sub> Other Pacific Islander

White

- <sub>K</sub> Eastern European
- <sub>L</sub> Slavic
- <sub>M</sub> Western European
- <sub>N</sub> Other White

American Indian and Alaska Native

- <sub>O</sub> American Indian
- <sub>P</sub> Alaska Native
- <sub>Q</sub> Canadian Inuit, Metis, or First Nation
- <sub>R</sub> Indigenous Mexican, Central American, or South American

Black and African American

- <sub>S</sub> African American
- <sub>T</sub> Afro-Caribbean
- <sub>U</sub> Ethiopian
- <sub>V</sub> Somali
- <sub>W</sub> Other African (Black)
- <sub>X</sub> Other Black

Middle Eastern/North African

- <sub>Y</sub> Middle Eastern
- <sub>Z</sub> North African

Asian

- <sub>AA</sub> Asian Indian
- <sub>AB</sub> Cambodian
- <sub>AC</sub> Chinese
- <sub>AD</sub> Communities of Myanmar
- <sub>AE</sub> Filipino/a
- <sub>AF</sub> Hmong
- <sub>AG</sub> Japanese
- <sub>AH</sub> Korean
- <sub>AI</sub> Loatian
- <sub>AJ</sub> South Asian
- <sub>AK</sub> Vietnamese
- <sub>AL</sub> Other Asian

Other Categories

- <sub>AM</sub> Other (*Please print*)
- 

58. If you checked more than one category above, is there one you think of as your primary racial or ethnic identity?

- <sub>1</sub> Yes. Please circle your primary racial or ethnic identity above.
- <sub>2</sub> I do not have just one primary racial or ethnic identity.
- <sub>3</sub> No. I identify as Biracial or Multiracial.
- <sub>4</sub> N/A. I only checked one category above.

## Thank You

Please return the completed survey 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.