Background

Representing the interests of health plan and medical group members, the California Office of the Patient Advocate (OPA) publicly reports on health care quality. OPA published its first HMO Health Care Quality Report Card in 2001 and has since annually updated, enhanced and expanded the Report Cards to include ratings for HMO health plans, PPO health plans, commercial HMO Medical Groups, and medical groups serving Medicare Advantage members. The current version (2019-20 Edition) of the online Health Care Quality Report Cards is available at www.opa.ca.gov.

The Integrated Healthcare Association (IHA) reports performance results for 191 physician organizations that participate in its Align. Measure. Perform. (AMP) Commercial HMO program. IHA is a multi-stakeholder leadership group that promotes quality improvement, accountability and affordability of health care. IHA collects quality data on the physician organizations that contract with commercial HMOs for AMP and provides the data to OPA for the Health Care Quality Report Card. The IHA physician organizations are referred to as medical groups in the Report Card and in the remainder of this document.

Sources of Data for California Health Care Quality Report Cards

The 2019-20 Edition of the Health Plan and Medical Group - Commercial Report Cards were published in Fall 2019 with clinical care and patient experience ratings data for performance in Measurement Year (MY) 2018. The Total Cost of Care measure and rating is added in Spring 2020, for the same Measurement Year, MY2018.

The 2019-20 Edition of the Report Cards uses data reported in Reporting Year (RY) 2019 for performance in Measurement Year (MY) 2018. Data sources are:

1. The National Committee for Quality Assurance’s (NCQA) publicly reported HMO and PPO Healthcare Effectiveness Data and Information Set (HEDIS®) and Consumer Assessment of Healthcare Providers and Systems (CAHPS®) commercial measure data. (HEDIS and CAHPS Methodology Descriptions in separate documents)

2. The Integrated Healthcare Association (IHA) AMP Commercial HMO program’s medical group clinical performance data.

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1 Also see the Scoring Methodology for the Medical Group Report Card clinical quality and patient experience ratings: http://reportcard.opa.ca.gov/rc/medicalgroupabout.aspx
2 HEDIS® is a registered trademark of the National Committee for Quality Assurance (NCQA). HEDIS is a source for data contained in the California Health Care Quality Report Cards obtained from Quality Compass®2019 and is used with the permission of the National Committee for Quality Assurance (NCQA). Quality Compass 2019 includes certain CAHPS data. Any data display, analysis, interpretation, or conclusion based on these data is solely that of the authors, and NCQA specifically disclaims responsibility for any such display, analysis, interpretation, or conclusion. Quality Compass is a registered trademark of NCQA
3 CAHPS® is a registered trademark of the Agency for Healthcare Research and Quality (AHRQ)
3. The Pacific Business Group on Health (PBGH) Patient Assessment Survey’s (PAS) patient experience data for medical groups. (Methodology Description in a separate document)

4. The IHA AMP Commercial HMO program’s medical group total cost of care data, called Total Cost of Care.

Medical Group Total Cost of Care Methodology Process:

1. Methodology Decision Making Process
OPA conducts a multi-stakeholder process to determine the scoring methodologies for each of the health care quality ratings displayed on the Report Card. Beginning with the 2013 Edition of the Report Cards, OPA enhanced its partnership with IHA’s AMP programs. IHA’s Technical Measurement Committee (TMC) serves as the primary advisory body to OPA regarding methodologies for the Health Plan and Medical Group Report Cards. Comprised of representatives from health plans, medical groups, and health care purchaser organizations, TMC members are well-versed in issues of health care quality and patient experience measurement, data collection and public reporting. OPA’s Health Care Quality Report Cards are a standing item at the TMC meetings. The Total Cost of Care ratings methodology is developed and owned by IHA with consultation from OPA.

TMC Roster (2019)
Chair: Michael-Anne Browne, MD, Stanford Health Care
Alyson Spencer, Blue Shield of California Promise Health Plan
Cheryl Damberg, PhD, RAND
Chris Jioras, Humboldt IPA
Christine Castano, MD, HealthCare Partners
Dave Schwepp, Kaiser Foundation Health Plan
Edward Yu, MD, Sutter Palo Alto Medical Foundation
Eric Garthwaite, Health Net
John Ford, MD, MPH, Practicing Physician
Kenneth Phenow, MD, Cigna
Leticia Schumann, Anthem
Lindsey Galli, PFCCpartners
Marnie Baker, MD, MPH, MemorialCare Medical Group
Meg Durbin, MD, Canopy Health
Rachel Brodie, Pacific Business Group on Health
Ralph Vogel, PhD, Kaiser Permanente
Ranyan Lu, PhD, UnitedHealthcare
Tory Robinson, Blue Shield of California

Please note that the methodology and display decisions made by OPA do not necessarily reflect the views of each organization on the advisory committee.

Additionally, OPA values the opinions and perspectives of other stakeholders with interest and expertise in the field of healthcare quality measurement, data collection and display and, as such, welcomes questions and comments sent to OPAReportCard@ncqa.org.

2. Stakeholder Preview and Corrections Period
Each year, prior to the public release of the OPA Report Cards or with the addition of new measures, all participating health plans and medical groups are invited to preview the Health Care Quality Report
Cards. Health plans and medical groups are given access to a test web site with updated results and given several days to review their data and submit corrections and questions regarding the data and methodology to OPA and its contractors. If an error in the data is identified within the given time period, it is corrected prior to the public release of the OPA Report Cards.

**Medical Group Total Cost of Care Scoring Methodology:**

**Measure Development**
The *Total Cost of Care* measure uses measure specifications developed by HealthPartners in Minnesota. The specifications for the *Total Cost of Care* measure were endorsed by the National Quality Forum in 2012, and this measure is being used by several regional health improvement collaboratives across the country. Through the Network for Regional Healthcare Improvement and Center for Healthcare Transparency, IHA is part of a national effort to develop and report reliable and meaningful total cost of care performance along with quality to help drive value in healthcare.

**Performance Grading**

1. **Data Collection**
   IHA, through a contracted data aggregator, Onpoint Health Data (Onpoint), collected cost data for over nine million Commercial HMO/POS patients from seven California health plans: Aetna, Anthem Blue Cross, Blue Shield of California, Cigna Healthcare of California, Kaiser Permanente, Sharp Health Plan, and UnitedHealthcare. These plans represent approximately 90% of the Commercial HMO/POS population in California, which provides a strong foundation to measure and report on the cost of care. The cost data are used to calculate *Total Cost of Care* results, which represents $36 billion in total care costs paid by both patients and their health insurance plans for care received during 2018.

2. **Measure Description**
   The *Total Cost of Care* measure assesses actual payments associated with care provided to commercial HMO/POS members between ages 1 and 64 who belong to a medical group for at least nine months during the measurement year. Participating health plans annually report to IHA’s contracted data aggregator a single lump sum payment for each qualifying member for all contracted medical groups; the lump sum includes both capitation and fee-for-service payments, as well as member cost sharing, paid through the members plan benefit to the medical group or any providers caring for its members (e.g., hospitals, pharmacies, ancillary providers).

   The lump sum costs include the cost of claims with dates of service during the measurement year (i.e., the previous calendar year) and dates of payment through March 31 of the following year. The following services and payments are excluded from the lump sum cost amount:

   - Mental health
   - Chemical dependency
   - Dental
   - Vision
   - Acupuncture

4 Health Net of CA and Western Health Advantage have clinical and experience performance ratings on the Health Plan Report Card, but do not provide cost data to IHA for the *Total Cost of Care* measure.
● Chiropractic
● AMP quality incentive payments

If any of the above services are included in a medical group’s capitation agreement, the plan uses its own actuarial method to adjust for them.

Payments made to a medical group, not directly related to the delivery of services to individuals, are included and attributed to members on a prorated basis. More details are available in the IHA MY 2018 AMP Program Manual.

The approach for allocating costs differs between health plans due to unique financial systems and contracts, and may include estimates based on utilization, members, and contracted fee schedules. The developed methodologies are intended to provide for the most comparable estimates possible for medical groups across health plans.

Costs above $250,000 per member per year are truncated (i.e., a member’s costs up to $250,000 are retained).

3. Adjustments for Fair Comparisons
In order to facilitate fair comparisons of medical group performance, the Total Cost of Care measure is risk-adjusted to account for the differences in the health status of the patient population, and geography-adjusted to account for differences in wage costs.

a) Risk Adjustment: Member-level risk adjustment is applied using the Johns Hopkins’ Adjusted Clinical Grouper® (ACG®) System. The risk adjustment accounts for a member’s age, gender, and health status, which are identified through diagnosis and procedure codes appearing in claims and encounter data submitted by medical groups and other healthcare providers to a health plan. The model used is concurrent in that the codes used to identify a member’s health status are from the same period as the measurement year. More details are available in HealthPartners Implementation Technical Guideline.

Note: The methodology uses up to 13 diagnosis codes for professional and 13 for facility services. However, the number of available diagnosis codes varies across plans and providers. If diagnosis codes are incomplete, a physician organization’s Total Cost of Care will appear higher than expected.

b) Geography Adjustment: CMS’s Hospital Wage Index Geographic Adjustment Factor is used to account for regional differences in cost.

Note: CMS’ Hospital Wage Index Geographic Adjustment Factors were developed and calibrated based on Medicare data, and therefore may not always precisely reflect the geographic cost differences in the Commercial market.

4. Methodology for Public Reporting Displays

a) Reliability of Results – Minimum Number of Observations
In order for a medical group’s performance to be considered reliable enough to be displayed in OPA public reporting, Total Cost of Care must be based on the equivalent experience of 2400 member months enrolled for the measurement year (e.g., 200 members enrolled for 12 months each, 400 members enrolled for only 6 months each, etc.). Any medical group whose Total Cost
of Care results are based on fewer member months will be identified as “Not enough data to score reliably.”

b) **Performance Categories**

Each medical group’s Total Cost of Care results are translated into a performance category. The category ranges are defined by the 10th, 35th, 65th, and 90th percentiles of medical group performance across participants for the same measurement year. The minimum number of observations required does not impact the performance category Total Cost of Care ranges.

<table>
<thead>
<tr>
<th>Rating the Total Cost of Care</th>
<th>Performance Category</th>
<th>Range of Total Cost of Care per member per month*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lowest Total Cost of Care</td>
<td>5-star</td>
<td>$331 or lower cost</td>
</tr>
<tr>
<td>(lowest 10% of costs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Total Cost of Care</td>
<td>4-star</td>
<td>$370 - $332</td>
</tr>
<tr>
<td>Medium Total Cost of Care</td>
<td>3-star</td>
<td>$398 - $371</td>
</tr>
<tr>
<td>Higher Total Cost of Care</td>
<td>2-star</td>
<td>$444 - $399</td>
</tr>
<tr>
<td>Highest Total Cost of Care</td>
<td>1-star</td>
<td>$445 or higher cost</td>
</tr>
<tr>
<td>(highest 10% of costs)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* The performance rating is assigned per the cutpoint, which factors in a buffer zone. Any medical group whose score is in the buffer zone is assigned to the next higher stars rating category.

**Legends to Explain Missing Scores**

Two categories are used to explain instances in which a medical group is not rated for Total Cost of Care:

- **Not Willing to Report:** Medical group declined to report its results.
- **Not Enough Data to Score Reliably:** Medical group score is not reported because there were not enough members enrolled for reliable measurement. This label is also used when a medical group’s members are highly concentrated in one plan and the reported result may disclose proprietary information.
Additional Notes about Interpretation and Use of the Total Cost of Care Rating:

1. **Total Cost of Care** by itself does not demonstrate value; value requires incorporating information about the quality of care delivered – such as clinical performance and patient experience. Making judgments about value on **Total Cost of Care** alone assumes that the quality of care across providers is equivalent; there is substantial evidence that it is not. Therefore, the actual Total Cost of Care amount is not reported, only the star rating based on the range/performance category.

2. **Total Cost of Care** is intended to reflect resource stewardship from an overall perspective and does not necessarily indicate an individual consumer’s cost responsibility or the medical group’s internal costs. It reflects physician organization management of the amount and intensity of services its members are receiving; it is also affected by the characteristics and business practices of the hospitals available in the local geography, and other factors outside the medical group’s control.

3. **Total Cost of Care** is measured annually. Costs can change year-over-year, with small groups prone to larger year-over-year changes due to the greater impact of outlier member costs.

4. This **Total Cost of Care** measurement only represents the members with a commercial HMO/POS plan, which may not indicate a medical group’s performance on **Total Cost of Care** with other types of health insurance.

5. Differences in medical group’s structures, policies, and practices – including, but not limited to payer mix, the extent of uncompensated care, graduate medical education, and other services that may be considered a community benefit – are not accounted for in the **Total Cost of Care** methodology and may be appropriate to consider when interpreting medical groups’ results.

6. **Total Cost of Care** is used in the IHA Excellence in Health Care Awards, which recognize exceptional physician organizations for achieving strong quality results while effectively managing costs. To earn this recognition, a physician organization must have performance that ranks in the top 50% for each of the following: clinical quality, patient experience and **Total Cost of Care**.