

Technical Assistance Webinar: Collecting and Using Stratified Data for Quality Improvement in Medicaid and CHIP

July 11, 2019

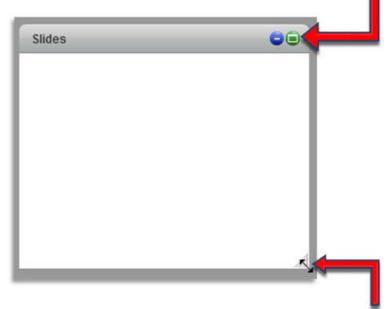
Center for Medicaid and CHIP Services
Office of Minority Health
Mathematica

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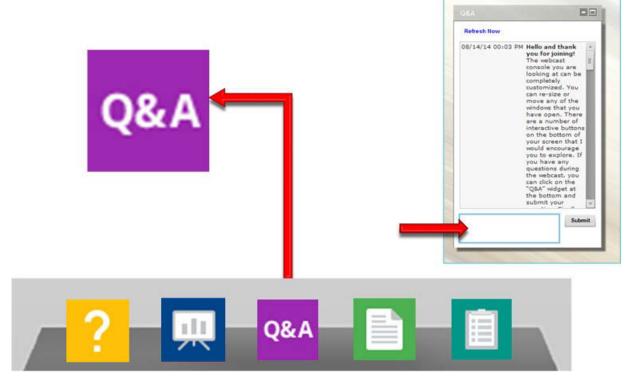


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Agenda

- Welcome and Objectives (Center for Medicaid and CHIP Services)
- Collecting and Using Stratified Core Set Data for Quality Improvement (Mathematica)
- Collecting and Using Stratified Data to Reduce Disparities (Office of Minority Health)
- State Experiences (Louisiana and Michigan)
- Reporting Stratified Data in MACPro (Mathematica)
- Technical Assistance Resources (Mathematica)



Objectives

- Discuss importance of collecting and using stratified data for quality improvement
- Learn from states' experiences collecting and using stratified data
- Review approach to reporting stratified data in MACPro
- Highlight technical assistance resources available to states



LIVE POLL #1

- 1. Does your state stratify Core Set measure rates by beneficiary characteristics?
- a) Yes
- b) No
- c) I don't know
- d) Not applicable (I am not from a state agency)



LIVE POLL #2

- 2. If you answered yes to the first question, which stratification categories do you calculate? Select all that apply:
- Race and/or ethnicity
- Sex
- Primary Spoken Language
- Disability Status
- Urban / Rural Location
- Eligibility Group
- Other
- Not applicable (I am not from a state agency)



LIVE POLL #3

- 3. What are the biggest barriers to calculating stratified rates? Select all that apply:
- Data availability
- Staff time and budget
- Leadership priorities
- Data quality
- Other



Collecting and Using Stratified Core Set Data for Quality Improvement

Mathematica



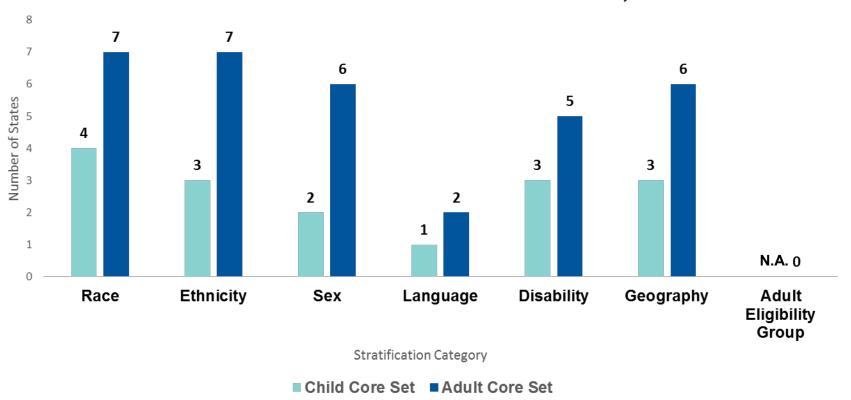
Background

- CMCS encourages states to stratify Child and Adult Core Set data by subpopulations
 - Aggregate quality measure data can mask important differences across subpopulations
 - Stratifying quality measure data can help focus state quality improvement initiatives and priorities
- In MACPro, states have the option to report stratified Core Set rates for one or more social and demographic categories for each Core Set measure, including:
 - Race
 - Ethnicity
 - Sex
 - Language
 - Disability status
 - Geography
 - Adult eligibility group (Adult Core Set only)



State Reporting of Stratified Core Set Data for FFY 2017 in MACPro

Number of States Reporting a Stratified Rate for At Least One Measure in the Adult and Child Core Sets, FFY 2017



Source: Mathematica analysis of FFY 2017 Adult and Child Core Set reports in MACPro, as of September 2018. Data include measures reported by states during the Scorecard extension period.

Note: 51 states, including the District of Columbia, reported at least one Child Core Set measure for FFY 2017. 46 states, including the District of Columbia, reported at least one Adult Core Set measure for FFY 2017.

N.A. = Not applicable.

Use of Stratified Data for Quality Improvement

- Select quality measures that are "disparity-sensitive" based on the prevalence and magnitude of the disparity and the actionability of the measure.
 - The National Quality Forum (NQF) Disparities Committee identified several Core Set measures as examples of disparities-sensitive measures: blood pressure control (CBP-AD), Hemoglobin A1c control (HPC-AD), treatment for alcohol and other drug abuse or dependence (IET-AD), and low birth weight (LBW-CH).
- Use stratified performance data for quality improvement:
 - Report stratified data publicly to increase accountability
 - Integrate disparities-focused quality improvement projects
 - Develop performance incentives tied to decreasing health disparities





NQF Roadmap for Promoting Health Equity and Reducing Disparities



Source: http://www.qualityforum.org/News_And_Resources/Press_Releases/2017/NQF_Issues_Quality_Roadmap_for_Reducing_Healthcare_Disparities.aspx



Q&A



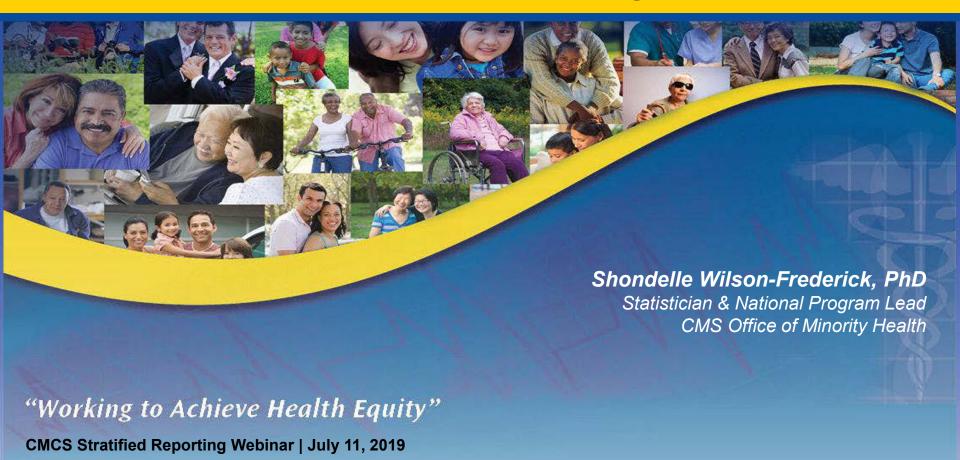
Collecting and Using Stratified Data to Reduce Disparities

Office of Minority Health





Recent Stratified Reporting by the CMS Office of Minority Health



CMS Health Equity Framework

Increasing understanding and awareness of disparities

Developing and disseminating solutions

Implementing sustainable actions



Increasing Understanding and Awareness of Disparities

Understanding Disparities

- Despite advances in access to care, increased spending, and improvements in quality – racial and ethnic minorities continue to experience worse health outcomes
- To better understand why and where there are disparities, we need to be able to measure and report—in a standardized and systematic way—the nature and extent of these disparities
- Stratifying the data allows us to identify disparities and targets to improve outcomes

Understanding Disparities in Medicare Advantage



go.cms.gov/omh

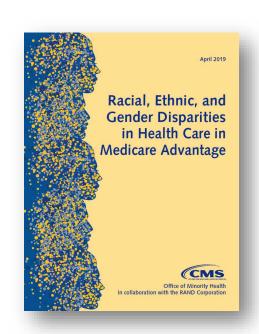
Racial, Ethnic, and Gender Disparities in Health Care in Medicare Advantage, 2019

Patient experience measures

2016-2017 Medicare Consumer
 Assessment of Healthcare
 Providers and Systems (Medicare CAHPS) Survey

Clinical care measures

2016-2017 Healthcare Effectiveness
 Data and Information Set (HEDIS)



Ayailable from: go.cms.gov/omh

Racial, Ethnic, and Gender Disparities in Health Care in Medicare Advantage, 2019

- Hispanic women and men received worse clinical care than White women and men on 11 of 33 (33%) measures and reported worse experiences with care on 2 of 7 (29%) measures.
- For the majority of clinical care measures examined, Asian and Pacific Islander (API) beneficiaries received care that was either similar to or better than the care received by White beneficiaries.
- Compared with White beneficiaries, American Indian or Alaska Native beneficiaries reported worse experiences on Getting appointments and care quickly measure and similar experiences on the other 6 measures.
- Black women received worse clinical care than White women for 14 of 33 (42%) measures and reported worse experiences with care on 2 of 7 (29%) measures.

Available from: go.cms.gov/omh

Contract Level Reporting of Quality Measures Stratified by Race and Ethnicity, 2016-2017

Clinical Care Scores for All Groups, Medicare Advantage Plans									
Contract Code	Contract Name	Colorectal Cancer Screening							
		Asian-Pacific Islander	Black	Hispanic	White				
N/A	Average of all reported contracts ³	72%	67%	69%	66%				
H0524	Kaiser Foundation HP, Inc.	91%	88%	89%	90%				
H0838	Universal Care, Inc.	52%	48%	54%	57%				
H2354	Health Alliance Plan of Michigan	71%	79%	75%	76%				
H2422	HealthPartners, Inc.	85%	NA	NA	55%				
H2491	WellCare Health Insurance Of Arizona, Inc.	57%	54%	NA	45%				
H3832	Hawaii Medical Service Association	78%	NA	NA	78%				
H5172	Community Health Group	55%	NA	68%	56%				
H5471	Simply Healthcare Plans, Inc.	NA	71%	80%	78%				
H5628	Molina Healthcare Of Utah, Inc.	NA	NA	78%	74%				
H5649	Central Health Plan Of California, Inc.	80%	NA	67%	NA				
H5817	Amerigroup Texas, Inc.	74%	60%	66%	51%				
H5928	Care1st Health Plan	72%	NA	76%	71%				
H5969	Alohacare	53%	NA	NA	NA				
R3175	UnitedHealthcare Insurance Company	62%	NA	66%	63%				

¹Sample size on which it is based may be too low to reliably assess plan performance.

²This refers to the equally weighted average of all Medicare Advantage contracts that are reported.

Contract Level Reporting of Patient Experience Measures Stratified by Race and Ethnicity, 2016-2017

Patient Experience Scores for All Groups, Medicare Fee-for-Service								
State Name	Annual Flu Vaccine							
Average of all reported	Asian-Pacific Islander	Black	Hispanic	White				
states ²	75%	59%	61%	72%				
Alabama	NA	48%¹	NA	70%				
Arizona	NA	NA	67%	68%				
California	74%	63%	65%	70%				
Delaware	NA	65% ¹	NA	75%				
District of Columbia	NA	67%	NA	82% ¹				
Florida	NA	56%	55%	71%				
Georgia	NA	61%	NA	73%				
Hawaii	76%	NA	NA	NA				
Louisiana	NA	58%	NA	72%				
Maryland	NA	72%	NA	79%				
Mississippi	NA	48%	NA	73%				
New Jersey	NA	63% ¹	NA	70%				
New Mexico	NA	NA	72%	72%				
New York	NA	59%	62%	74%				

¹Use this score with caution, as the sample size on which it is based may be too low to reliably assess plan performance.

²This refers to the equally weighted average of all Medicare Advantage contracts that are reported.

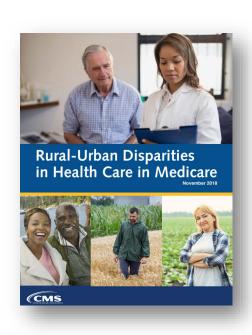
Rural-Urban Disparities in Health Care in Medicare, 2018

Patient experience measures

- 2017 Medicare Consumer
 Assessment of Healthcare
 Providers and Systems (Medicare CAHPS) Survey
 - Both Medicare Advantage (MA) and Medicare Fee-for-Service (FFS)

Clinical care measures

- 2017 Healthcare Effectiveness Data and Information Set (HEDIS)
 - data collected from Medicare health plans nationwide



Rural-Urban Disparities in Health Care in Medicare, 2018

- Both MA & FFS beneficiaries living in rural areas had worse flu vaccination rates than MA & FFS urban beneficiaries.
- MA beneficiaries living in rural areas received worse clinical care than MA beneficiaries living in urban areas for 18 of 33 (54%) measures.
- Rural-urban patient experiences among MA beneficiaries enrolled by race and ethnicity:
 - Rural and urban Whites reported similar experiences with care.
 - Rural Blacks reported experiences with care that were often worse than urban Blacks.
 - Rural Hispanics reported better experiences with getting needed care and doctor communication than urban Hispanics.



Developing and Disseminating Solutions

CMS Equity Plan for Improving Quality in Medicare



Priority 1: Expand the Collection, Reporting, and Analysis of **Standardized Data**



Priority 4: Increase the Ability of the **Health Care Workforce** to Meet the Needs of Vulnerable Populations



Priority 2: Evaluate
Disparities Impacts and
Integrate Equity Solutions
Across CMS Programs



Priority 5: Improve
Communication & Language
Access for Individuals with
LEP & Persons with Disabilities



Priority 3: Develop and
Disseminate Promising
Approaches to Reduce Health
Disparities



Priority 6: Increase **Physical Accessibility** of Health Care
Facilities

Mapping Medicare Disparities (MMD) Tool

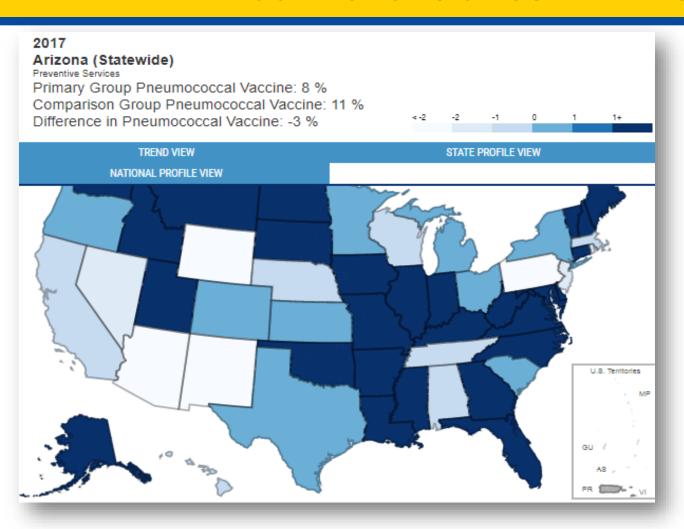
Available in English & Spanish

Data Source

- 100% of 2012-2017 Medicare Fee-for-Service claims, including information on Duals
- Prevalence, Hospitalization Rates/Utilization, Average Costs & Trend Rates
 - >30 chronic conditions including various mental health conditions:
 Anxiety, Depressive, Bi-polar, Schizophrenia, Personality, PTSD
- Preventive Service Measures
 - 22 screening tests including: Depression, Mammography, Hep B & C, Annual Wellness Visit, etc
- Emergency Room Visit Rates
- Cause-specific Mortality Rates
 - Acute Myocardial Infarction and Heart Failure

This tool can help you visualize disparities and develop targeted strategies to reduce the disparities between different racial and ethnic groups.

2017 Prevalence of Pneumococcal Vaccination among White and American Indian/ Alaska Native Dual Beneficiaries in Arizona



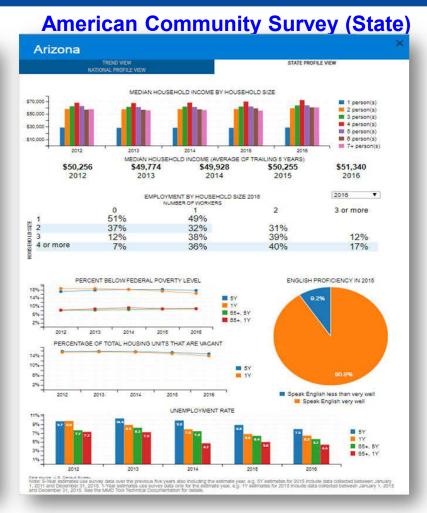
Among dual beneficiaries in AZ, a higher percentage of AIANs than Whites received a pneumococcal vaccination in 2017.

Available from: https://data.cms.gov/mapping-medicare-disparities

2017 Prevalence of Pneumococcal Vaccination among White and American Indian/ Alaska Native Dual Beneficiaries in Arizona

100% Medicare FFS Claims data (Trend)







Implementing Sustainable Actions

Collecting Data on Social Determinants of Health

CMS proposed under section 2(d)(2) of the IMPACT Act to collect data on social determinants of health (SDOH) in the following proposed rules:

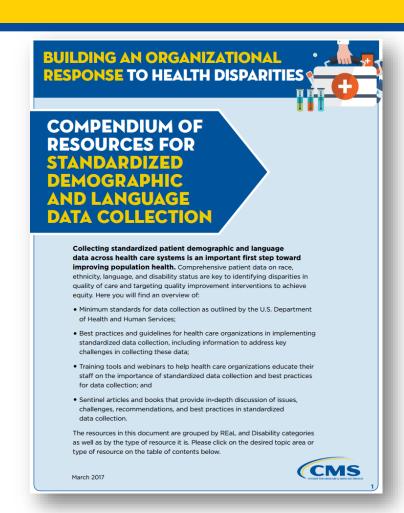
- Medicare Program; Inpatient Rehabilitation Facility (IRF) Prospective Payment System for Federal Fiscal Year 2020 and Updates to the IRF Quality Reporting Program [CMS-1710-P]
 - Comments due June 17, 2019
- Medicare Program; Prospective Payment System and Consolidated Billing for Skilled Nursing Facilities (SNFs); Updates to the Quality Reporting Program and Value-Based Purchasing Program for Federal Fiscal Year 2020 [CMS-1718-P]
 - Comments due June 18, 2019.
- Medicare Program; Hospital Inpatient Prospective Payment Systems for Acute Care Hospitals and the Long-Term Care Hospital (LTCH) Prospective Payment System and Proposed Policy Changes and Fiscal Year 2020 Rates; Proposed Quality Reporting Requirements for Specific Providers; Medicare and Medicaid Promoting Interoperability Programs Proposed Requirements for Eligible Hospitals and Critical Access Hospitals [CMS-1716-P]
 - Comments due June 24, 2019.
- Coming soon Federal Register display date TBD Home Health Quality Reporting Program NPRM

What Is Being Proposed?

- (1) Race
 - based on the Department of Health and Human Services (HHS) Data Standards
- (2) Ethnicity
 - based on HHS Data Standards
- (3) Preferred Language
 - based on LTCH [Long-Term Care Hospital] CARE [Continuity Assessment Record and Evaluation] Data Set (LCDS) and the Minimum Data Set (MDS)
- (4) Interpreter Services
 - based on some post-acute care (PAC) assessments LCDS and MDS
- (5) Health Literacy
 - based on Single Item Literacy Screener (SILS)
- (6) Transportation
 - based on the Protocol for Responding to and Assessing Patients' Assets, Risks, and Experiences (PRAPARE) and the Accountable Health Communities (AHC)
- (7) Social Isolation
 - based on a subset of the AHC from the Patient-Reported Outcomes Measurement Information System (PROMIS) Item Bank on Emotional Distress

Collecting Standardized REaL Data

- Minimum HHS standards for race, ethnicity, sex and disability data collection
- Best practices, guidelines and training tools to help health care organizations educate their staff on the importance of standardized data collection
- Sentinel articles and books that provide in-depth discussion of recommendations for standardized data collection.



Learn How to Identify, Prioritize, and Take Action on Health Disparities

- Personalized technical assistance focused on strengthening your quality improvement program through a series of consultations from subject matter experts
- Specifically, you can access:
 - A team of health equity experts
 - Personalized TA, coaching, resources based on your needs
 - Step by step specialized assistance with the Disparities Impact Statement process

PLAN

- REVIEW DATA stratified by race & ethnicity, sexual orientation & gender identity, language and disability.
- FOCUS ON A PRESSING DISPARITY by identifying outliers, and diagnose the root cause of problem.
- **EMPOWER A CHAMPION** to lead change that transforms your organization.
- RESOLVE GAPS in your organization's readiness and capacity to reduce disparities.
- IMPLEMENT TARGETED INTERVENTIONS focused on reducing health disparities.
- ALIGN YOUR DASHBOARDS to monitor success of health equity actions.

STUDY

- Disparities Impact Statement: https://www.cms.gov/About-CMS/Agency-Information/OMH/Downloads/Disparities-Impact-Statement-508-rev102018.pdf
- To learn more, contact: <u>HealthEquityTA@cms.hhs.gov</u>

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Contact Information

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CMS OMH

go.cms.gov/omh

For Health Equity Technical Assistance, contact us at

HealthEquityTA@cms.hhs.gov

Q&A



State Experiences Collecting and Using Stratified Data

Larry Humble and Eddy Myers, University of Louisiana

Tom Curtis, Michigan Department of Health and Human Services



State Experiences: Louisiana and Michigan

- Topics for state discussion:
 - Motivation for reporting stratified Core Set data
 - Use of stratified data for quality improvement
 - Successes and challenges:
 - Collecting data needed for stratification
 - Calculating stratified rates
 - Reporting stratified rates in MACPro
 - Best practices to share with other states



State Discussion



Reporting Stratified Core Set Data in MACPro

Mathematica



Stratification Options in MACPro for FFY 2019

- The stratification options in MACPro are shown below and on the following slide.
- For each category, states have the option to add additional subcategories.
- The following measures do not have the option for stratification by sex: BCS-AD, CCP-AD, CCS-AD, PC01-AD, PC03-AD, PPC-AD, CCP-CH, PC02-CH, and PPC-CH.

Stratification Category	Subcategory Detail
Race (Non-Hispanic)	 White Black or African American American Indian or Alaska Native Asian Native Hawaiian or Other Pacific Islander
Ethnicity	Hispanic or LatinoNot Hispanic or Latino
(continued on next slide)	_



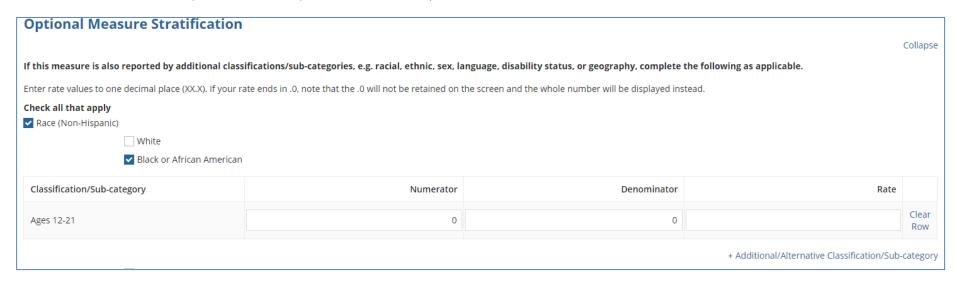
Stratification Options in MACPro for FFY 2019 (cont.)

Stratification Category	Subcategory Detail
Sex	MaleFemale
Primary Spoken Language	EnglishSpanish
Disability Status	• SSI • Non-SSI
Geography	UrbanRural
Adult Eligibility Group (ACA Expansion Group [Adult Core Set only])	Not applicable



Reporting Stratified Data in MACPro

- Navigate to the Optional Measure Stratification section for a particular Core Set measure.
- 2. Select the stratification categories being reported for the measure (e.g., Language).
- 3. Select the classification subcategories being reported (e.g., English/Spanish/Other).
 - If necessary, add subcategories by selecting "+Additional/Alternative Classification/Subcategory."
- 4. For each subcategory selected, MACPro will display a table with fields for the rate definition, numerator, denominator, and rate.





Expected Updates to Stratification Categories

- For future reporting years, MACPro will be updated to align with the Department of Health and Human Services Data Collection Standards for Race, Ethnicity, Sex, Primary Language, and Disability.
- Updates will include:
 - Additional race subcategories:
 - Asian Race Subcategories: Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, Other Asian
 - Native Hawaiian or Other Pacific Islander: Native Hawaiian or Other Pacific Islander: Native Hawaiian, Guamanian or Chamorro, Samoan, Other Pacific Islander
 - Additional ethnicity subcategories:
 - Mexican, Mexican American, Chicano/a, Puerto Rican, Cuban, Another Hispanic, Latino, or Spanish origin



Q&A



Technical Assistance Resources



Resources for Child and Adult Core Set Reporting

- Measure Lists
- Resource Manual and Technical Specifications
- Summary of Updates to the Resource Manual and Technical Specifications
- Data Quality Checklist
- Measurement Period Table

Note: Hyperlinks to resources for each Core Set are included in Appendix A.



Upcoming Core Set Webinar

 September 12, 2019: Technical Assistance to Support FFY 2019 Reporting in MACPro



Technical Assistance (TA) Contacts for Core Set Reporting

- For TA related to calculating, reporting, or using the Core Set measures, submit your questions to the TA Mailbox at <u>MACqualityTA@cms.hhs.gov</u>
- For assistance with using MACPro, contact <u>MACPro Helpdesk@cms.hhs.gov</u>



Wrap Up



Thank you for participating in the webinar.

Please complete the evaluation as you exit the webinar.



Appendix A



Resources for FFY 2019 Child Core Set Reporting

- FFY 2019 Child Core Set: https://www.medicaid.gov/medicaid/quality-of-care/downloads/performance-measurement/2019-child-core-set.pdf
- FFY 2019 Child Core Set Resource Manual and Technical Specifications: https://www.medicaid.gov/license-agreement.html?file=%2Fmedicaid%2Fquality-of-care%2Fdownloads%2Fmedicaid-and-chip-child-core-set-manual.pdf
- Summary of updates to the Child Core Set resource manual and technical specifications for FFY 2019: https://www.medicaid.gov/medicaid/quality-of-care/downloads/child-core-set-updates.pdf
- FFY 2019 Child Core Set Data Quality Checklist: <u>https://www.medicaid.gov/medicaid/quality-of-care/downloads/child-data-quality-checklist.pdf</u>
- FFY 2019 Child Core Set Measurement Period Table: https://www.medicaid.gov/medicaid/quality-of-care/downloads/ffy-2019-child-core-set-measurement-periods.pdf



Resources for FFY 2019 Adult Core Set Reporting

- FFY 2019 Adult Core Set: https://www.medicaid.gov/medicaid/quality-of-care/downloads/performance-measurement/2019-adult-core-set.pdf
- FFY 2019 Adult Core Set Resource Manual and Technical Specifications: https://www.medicaid.gov/license-agreement.html?file=%2Fmedicaid%2Fquality-of-care%2Fdownloads%2Fmedicaid-adult-core-set-manual.pdf
- Summary of updates to the Adult Core Set resource manual and technical specifications for FFY 2019: https://www.medicaid.gov/medicaid/quality-of-care/downloads/adult-core-set-updates.pdf
- FFY 2019 Adult Core Set Data Quality Checklist: https://www.medicaid.gov/medicaid/quality-of-care/downloads/adult-data-quality-checklist.pdf
- FFY 2019 Adult Core Set Measurement Period Table: https://www.medicaid.gov/medicaid/quality-of-care/downloads/ffy-2019-adult-core-set-measurement-periods.pdf

