CMS Measures Inventory Tool
Agenda

• Review of the CMS Measures Inventory
• CMS Measures Inventory Tool (CMIT) Overview
• CMIT Demo
What is the CMS Measures Inventory?

• Compilation of measures used by CMS in various quality, reporting, and payment programs
• Currently has 37 programs and 2,270 measures
• Spans the measure lifecycle, including measures under development (MUD), measures under consideration (MUC), and historical measure information
CMS Inventory Data

• Data is sourced from Federal Rules, Annual Call Letters, Program specification manuals, NQF, and is validated by CMS Program Leads

• Contains metadata about each measure including:
  – Type, Description, Numerator, Denominator
  – Meaningful Measure Area, Healthcare Priority
  – NQF Endorsement Status and ID
  – Conditions, Settings, Data Sources
  – Status of measure in each program
CMS Inventory Data Visualization

Admit Decision Time to ED Departure Time for Admitted Patients (Chart-abstracted)

- Development
- Considered
- Proposed
- Finalized
- Implemented
- Removed
- Discontinued
- Declined
- Rescinded
- Suspended
Inventory Update Process

• Updated 3 times a year in conjunction with the rule publications
  – Recently updated on 11 November 2019
• Allow for 4-6 weeks of data collection, and 2-4 weeks of CMS validation
• For programs that use a Call Letter, updates are made once per year
• Aim to add more programs over time
CMS Measures Inventory Tool (CMIT)

- A searchable repository of measure information
- Expanding to provide functionality for measure comparison, review, and environmental scans
- https://www.cmit.cms.gov
Overview of Environmental Scan Support Tool (ESST)

- Automates environmental scan search and prioritization of biomedical literature
  - Monthly updates for all Process and Outcome measures in CMIT
How ESST Works

• How does it work?
  – AI identifies the most relevant PubMed content from the Measure Information Form
  – Clinical Quality Measures Ontology (CQM) “describes” a measure, identifying the population, health status or process, the change concept, and the expected output to categorize
Features Coming Soon

• Expanded biomedical publication databases like Psychinfo
• De Novo Measure Scan
• MIDS Library integration
• Health Systems Harm Tool (HSHT)
Demo
Thank you for your time today!

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