Modified Stage 2 Meaningful Use:
Objective #3 – Computerized Provider Order Entry (CPOE)
Massachusetts Medicaid EHR Incentive Payment Program

July 7, 2016

Today's presenter:

Al Wroblewski, PCMH CCE, Client Services Relationship Manager

MeHI
MASSACHUSETTS
eHEALTH INSTITUTE | at the MassTech Collaborative

Disclaimer

This presentation was current at the time it was presented, published or uploaded onto the web. This presentation was prepared as a service to the public and is not intended to grant rights or impose obligations. This presentation may contain references or links to statutes, regulations, or other policy materials. The information provided is only intended to be a general summary. It is not intended to take the place of either the written law or regulations. We encourage attendees to review the specific statutes, regulations, and other interpretive materials for a full and accurate statement of their contents.

The attestation deadline for Program Year 2015 is

August 14, 2016

Massachusetts eHealth Institute

Agenda

- What is Meaningful Use (MU) Objective #3 all about?

- Steps to meet MU Objective #3

  1. Do the right thing
  2. Ensure data is entered correctly
  3. Ensure data is captured correctly
  4. Ensure Certified EHR Technology (CEHRT) can report data correctly (EHR dashboard)
  5. Generate supporting documentation
  6. Retain supporting documentation

- Attesting for MU Objective #3

- Common Issues

- Questions and Answers

What is MU Objective #3 all about?

What is MU Objective #3 all about?

Computerized Order Entry (CPOE)

Objective	Use computerized provider order entry for medication, laboratory, and radiology orders directly entered by any state, local, and professional guidelines.
Measures	An EP, through a combination of meeting the thresholds and exclusions (or both), must satisfy all three measures for this objective: • **Measure 1:** More than 60% of medication orders created by the EP during the EHR reporting period are recorded using computerized provider entry. • **Measure 2:** More than 30% of laboratory orders created by the EP during the EHR reporting period are recorded using computerized provider order entry. • **Measure 3:** More than 30% of radiology orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.
Alternate Measure	**Alternate Measure 1:** For Stage 1 provider in 2015, more than 30% of all unique patients with at least one medication in their medication list seen by the EP during the EHR reporting period have at least one medication order entered using CPOE; or more than 30% of medication orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.
Exclusions	• **Measure 1:** Any EP who writes fewer than 100 medication orders during the EHR reporting period. • **Measure 2:** Any EP who writes fewer than 100 laboratory orders during the EHR reporting period. • **Measure 3:** Any EP who writes fewer than 100 radiology orders during the EHR reporting period.
Alternate Exclusions	• **Alternate Exclusion for Measure 2:** Providers scheduled to be in Stage 1 in 2015 may claim an exclusion for measure 2 (laboratory orders) of the Stage 2 CPOE objective for an EHR reporting period in 2015. • **Alternate Exclusion for Measure 3:** Providers scheduled to be in Stage 1 in 2015 may claim an exclusion for measure 3 (radiology orders) of the Stage 2 CPOE objective for an EHR reporting period in 2015.

MeHI
MASSACHUSETTS
eHEALTH INSTITUTE | at the MassTech Collaborative

What is MU Objective #3 all about?

Computerized Provider Order Entry (CPOE) - Attestation Requirements

- DENOMINATOR – The number of orders created by the EP during the EHR reporting period

- NUMERATOR – The number of orders in the denominator recorded using CPOE

- THRESHOLD – The resulting percentage must be more than the amount required for an EP to meet this measure

- EXCLUSION – Any EP who writes fewer than 100 orders during the EHR reporting period

- ALTERNATE EXCLUSION – EPs scheduled to attest to Stage 1 who did not plan to report on radiology or lab orders

What is MU Objective #3 all about?

Computerized Provider Order Entry (CPOE) – Additional Information

- May choose only to use patients whose records are in CEHRT

- CPOE must create first record

- Interventions may occur before order entry in certain situations

- Any licensed and credentialed healthcare professional may do the order entry

- Modified Stage 2 attesters must meet all three thresholds or take exclusions

What is MU Objective #3 all about?

Computerized Provider Order Entry (CPOE) – Additional Information

- Orders involving tele-health or remote communications may be included

- Standing orders may, but do not have to be excluded from the numerator and denominator

- This objective does not specify how the order is to be filled or carried out

Steps to meet MU Objective #3

1. Do the right thing

"Use computerized provider order entry for medication, laboratory, and radiology orders directly entered by any licensed healthcare professional who can enter orders into the medical record per state, local, and professional guidelines."

- Measure 1: More than 60% of medication orders created by the EP during the EHR reporting period are recorded using CPOE. (30% for EPs scheduled to attest to Stage 1)

- Measure 2: More than 30% of laboratory orders created by the EP during the EHR reporting period are recorded using CPOE. (alternate exclusion for Stage 1 EPs)

- Measure 3: More than 30% of radiology orders created by the EP during the EHR reporting period are recorded using CPOE. (alternate exclusion for Stage 1 EPs)

2. Ensure data is entered correctly

- Who can enter the data?
- Where does CPOE data entry fit into the workflow?

3. Ensure data is captured correctly

- Is there any "faulty logic" in the EHR?

    - i.e. if you uncheck a box on an apparently unrelated screen, does the EHR stop capturing CPOE data correctly?

Meeting MU Objective #3

4. Ensure CEHRT can report the data correctly (EHR dashboard)

- Test EHR reports (or regularly check EHR dashboard) to ensure accuracy

5. Generate supporting documentation

An EHR-generated MU dashboard or report for the selected EHR reporting period that shows the following data elements for all CPOE measures:

- EP's name
- Numerator
- Denominator
- Resulting percentage

6. Retain supporting documentation

- Attestation purposes vs. audit purposes

Attesting for MU Objective #3

Attesting for MU Objective #3

(*) Red asterisk indicates a required field.

*Select from the following options:

○ Modified Stage 2
Measure 1 - More than 60 percent of medication orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.
Measure 2 - More than 30 percent of laboratory orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.
Measure 3 - More than 30 percent of radiology orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.

○ Modified Stage 2 Alternate Exclusions for Measures 2 and 3
Measure 1 - More than 60 percent of medication orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.
Measure 2 - More than 30 percent of laboratory orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.
Alternate Exclusion 2 - Any EP who did not plan to report on this measure may select an exclusion.
Measure 3 - More than 30 percent of radiology orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.
Alternate Exclusion 3 - Any EP who did not plan to report on this measure may select an exclusion.

Previous **Continue**

19

Objective: Use computerized provider order entry (CPOE) for medication, laboratory and radiology orders directly entered by any licensed healthcare professional who can enter orders into the medical record per state, local and professional guidelines.

* PATIENT RECORDS: Please select whether the data used to support the measure was extracted from ALL patient records or only from patient records maintained using Certified EHR Technology.

○ This data was extracted from ALL patient records not just those maintained using Certified EHR Technology.

○ This data was extracted only from patient records maintained using Certified EHR Technology.

Measure 1: More than 60 percent of medication orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.

Numerator 1: The number of orders in the denominator recorded using CPOE.
Denominator 1: Number of medication orders created by the EP during the EHR reporting period.
Exclusion 1: Any EP who writes fewer than 100 medication orders during the EHR reporting period.
* Does this exclusion apply to you?

○ Yes ○ No

If 'No', complete entries in the Numerator and Denominator.

Numerator 1: [   ]   **Denominator 1:** [   ]

Measure 2: More than 30 percent of laboratory orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.

Numerator 2: The number of orders in the denominator recorded using CPOE.
Denominator 2: Number of laboratory orders created by the EP during the EHR reporting period.
Exclusion 2: Any EP who writes fewer than 100 laboratory orders during the EHR reporting period.
* Does this exclusion apply to you?

○ Yes ○ No

If 'No', complete entries in the Numerator and Denominator.

Numerator 2: [   ]   **Denominator 2:** [   ]

Measure 3: More than 30 percent of radiology orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.

Numerator 3: The number of orders in the denominator recorded using CPOE.
Denominator 3: Number of radiology orders created by the EP during the EHR reporting period.
Exclusion 3: Any EP who writes fewer than 100 radiology orders during the EHR reporting period.
* Does this exclusion apply to you?

○ Yes ○ No

If 'No', complete entries in the Numerator and Denominator.

Numerator 3: [   ]   **Denominator 3:** [   ]

MeHI
MASSACHUSETTS
eHEALTH INSTITUTE
at the MassTech
Collaborative

Attesting for MU Objective #3

Objective: Use computerized provider order entry (CPOE) for medication, laboratory and radiology orders directly entered by any licensed healthcare professional who can enter orders into the medical record per state, local and professional guidelines.

* PATIENT RECORDS: Please select whether the data used to support the measure was extracted from ALL patient records or only from patient records maintained using Certified EHR Technology.

○ This data was extracted from ALL patient records not just those maintained using Certified EHR Technology.

◉ This data was extracted only from patient records maintained using Certified EHR Technology.

Measure 1: More than 60 percent of medication orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.

Numerator 1: The number of orders in the denominator recorded using CPOE.
Denominator 1: Number of medication orders created by the EP during the EHR reporting period.
Exclusion 1: Any EP who writes fewer than 100 medication orders during the EHR reporting period.
* Does this exclusion apply to you?

○ Yes ○ No
If 'No', complete entries in the Numerator and Denominator.

Numerator 1: [   ] **Denominator 1:** [   ]

Measure 2: More than 30 percent of laboratory orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.

Numerator 2: The number of orders in the denominator recorded using CPOE.
Denominator 2: Number of laboratory orders created by the EP during the EHR reporting period.
Exclusion 2: Any EP who writes fewer than 100 laboratory orders during the EHR reporting period.
* Does this exclusion apply to you?

○ Yes ○ No
Alternate Exclusion 2: Any EP who did not plan to report on this measure may select an exclusion.
* Does this exclusion apply to you?

○ Yes ○ No
If 'No', complete entries in the Numerator and Denominator.

Numerator 2: [   ] **Denominator 2:** [   ]

Measure 3: More than 30 percent of radiology orders created by the EP during the EHR reporting period are recorded using computerized provider order entry.

Numerator 3: The number of orders in the denominator recorded using CPOE.
Denominator 3: Number of radiology orders created by the EP during the EHR reporting period.
Exclusion 3: Any EP who writes fewer than 100 radiology orders during the EHR reporting period.
* Does this exclusion apply to you?

○ Yes ○ No
Alternate Exclusion 3: Any EP who did not plan to report on this measure may select an exclusion.
* Does this exclusion apply to you?

○ Yes ○ No
If 'No', complete entries in the Numerator and Denominator.

Numerator 3: [   ] **Denominator 3:** [   ]

21

Common Issues

Common Issues: Objective #3

- Juxtapositional errors

- Faulty assumptions about other providers' awareness of the orders

- Clinical Decision Support rules not well integrated

- Loss of physician control

- Nature of practice does not incorporate an ordering process

Questions?

Helpful Links

- [CMS 2015 Program Requirements page](#)
- [MeHI Medicaid EHR Incentive Program page](#)
- [MeHI 2015 Supporting Documentation Requirements Guide](#)

MeHI
MASSACHUSETTS
eHEALTH INSTITUTE

at the MassTech
Collaborative

🌐 mehi.masstech.org   📞 1.855.MassEHR

✉ ehealth@masstech.org   🐦 Follow us @MassEHealth

Thomas Bennett
Client Services Relationship Manager
(508) 870-0312, ext. 403
tbennett@masstech.org

Brendan Gallagher
Client Services Relationship Manager
(508) 870-0312, ext. 387
gallagher@masstech.org

Al Wroblewski, PCMH CCE
Client Services Relationship Manager
(508) 870-0312, ext. 603
wroblewski@masstech.org

MeHI
MASSACHUSETTS
eHEALTH INSTITUTE | at the MassTech Collaborative