



Eligible Professional Meaningful Use Menu Set Measures Measure 2 of 10

Stage 1

Date issued: November 7, 2010

Clinical Lab Test Results	
Objective	Incorporate clinical lab test results into EHR as structured data.
Measure	More than 40 percent of all clinical lab test results ordered by the EP during the EHR reporting period whose results are either in a positive/negative or numerical format are incorporated in certified EHR technology as structured data.
Exclusion	An EP who orders no lab tests whose results are either in a positive/negative or numeric format during the EHR reporting period.

Table of Contents

- Definition of Terms
- Attestation Requirements
- Additional Information
- Related Meaningful Use FAQs
- Certification and Standards Criteria

Definition of Terms

None

Attestation Requirements

NUMERATOR / DENOMINATOR / EXCLUSION

- DENOMINATOR: Number of lab tests ordered during the EHR reporting period by the EP whose results are expressed in a positive or negative affirmation or as a number.
- NUMERATOR: Number of lab test results whose results are expressed in a positive or negative affirmation or as a number which are incorporated as structured data.
- EXCLUSION: If an EP orders no lab tests whose results are either in a positive/negative or numeric format during the EHR reporting period they would be excluded from this requirement. EPs must select NO next to the appropriate exclusion, then click the APPLY button in order to attest to the exclusion.

The resulting percentage (Numerator ÷ Denominator) must be more than 40 percent in order for an EP to meet this measure.

Additional Information

- The provider is permitted, but not required, to limit the measure of this objective to labs ordered for those patients whose records are maintained using certified EHR technology.
- Structured data does not need to be electronically exchanged in order to qualify for the measure of this objective. The EP is not limited to only counting structured data received via electronic exchange, but may count in the numerator all structured data entered through manual entry through typing, option selecting, scanning, or other means.
- Lab results are not limited to any specific type of laboratory or to any specific type of lab test.
- The Medicare and Medicaid EHR Incentive Programs do not specify the use of code set standards in meeting the measure for this objective. However, the Office of the National Coordinator for Health Information Technology (ONC) has adopted Logical Observation Identifiers Names and Codes (LOINC®) version 2.27, when such codes were received within an electronic transaction from a laboratory, for the entry of structured data for this measure and made this a requirement for EHR technology to be certified.

Related Meaningful Use FAQs

To see the FAQs, click the New ID # hyperlinks below, or visit the CMS FAQ web page at <https://questions.cms.gov/> and enter the New ID # into the Search Box, clicking the “FAQ #” option to view the answer to the FAQ. (Or you can enter the OLD # into the Search Box and click the “Text” option.)

- What lab tests should be included in the denominator of the measure for the "incorporate clinical lab-test results" objective? [New ID #3263](#), [Old ID #10642](#)
- One of the menu set meaningful use objectives requires EPs, eligible hospitals and CAHs to incorporate clinical lab-test results into EHR as structured data. Must there be an explicit linking between structured lab results received into the EHR and the order placed by the physician for the lab test in order to count a structured lab result in the numerator for the measure of this objective? [New ID #2855](#), [Old ID #10136](#)
- What do the numerators and denominators mean in measures that are required to demonstrate meaningful use? [New ID #2813](#), [Old ID #10095](#)
- For EPs who see patients in both inpatient and outpatient settings, and where certified EHR technology is available at each location, should these EPs base their denominators for meaningful use objectives on the number of unique patients in only the outpatient setting or on the total number of unique patients from both settings? [New ID #2765](#), [Old ID #10068](#)
- If an EP is unable to meet the measure of a meaningful use objective because it is outside of the scope of his or her practice, will the EP be excluded from meeting the measure of that objective? [New ID #2883](#), [Old ID #10151](#)
- Should patient encounters in an ambulatory surgical center be included in the denominator for calculating that at least 50 percent or more of an EP's patient encounters during the reporting period occurred at practices/locations equipped with certified EHR technology? [New ID #3065](#), [Old ID #10466](#)



- If an EP sees a patient in a setting that does not have certified EHR technology but enters all of the patient’s information into certified EHR technology at another practice location, can the patient be counted in the numerators and denominators of meaningful use measures?
[New ID #3077](#), [Old ID #10475](#)
- How should EPs select menu objectives? [New ID #2903](#), [Old ID #10162](#)
- How should a provider attest if the numerator displayed by their certified EHR is larger than the denominator? [New ID #3823](#), [Old ID #10981](#)

Certification and Standards Criteria

Below is the corresponding certification and standards criteria for electronic health record technology that supports achieving the meaningful use of this objective.

Certification Criteria	
§170.302(h) Incorporate laboratory test results	(1) Receive results. Electronically receive clinical laboratory test results in a structured format and display such results in human readable format.
	(2) Display test report information. Electronically display all the information for a test report specified at 42 CFR 493.1291(c)(1) through (7).
	(3) Incorporate results. Electronically attribute, associate, or link a laboratory test result to a laboratory order or patient record.
§170.302(n) Automated measure calculation	For each meaningful use objective with a percentage-based measure, electronically record the numerator and denominator and generate a report including the numerator, denominator, and resulting percentage associated with each applicable meaningful use measure.
Standards Criteria	
	N/A