



Eligible Professional Meaningful Use Menu Set Measures Measure 2 of 9

Stage 1 (2014 Definition)
Last updated: May 2014

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.

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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.

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*	
§170.314(b)(5) Incorporate laboratory tests and values/results	(i) <u>Receive results.</u> (A) <u>Ambulatory setting only.</u> (1) Electronically receive and incorporate clinical laboratory tests and values/results in accordance with the standard specified in §170.205(j) and, at a minimum, the version of the standard specified in § 170.207(c)(2). (2) Electronically display the tests and values/results received in human readable format. (B) <u>Inpatient setting only.</u> Electronically receive clinical laboratory tests and values/results in a structured format and electronically display such tests and values/results in human readable format.
	(ii) Electronically display all the information for a test report specified at 42 CFR 493.1291(c)(1) through (7).
	(iii) Electronically attribute, associate, or link a laboratory test and value/result with a laboratory order or patient record.

*Additional certification criteria may apply. Review the [ONC 2014 Edition EHR Certification Criteria Grid Mapped to Meaningful Use Stage 1](#) for more information.



Standards Criteria

§170.205(j)

HL7 Version 2.5.1. Implementation Guide: S&I Framework Lab Results Interface

§170.207(c)(2)

LOINC® version 2.40, June 2012, a universal code system for identifying laboratory and clinical observations produced by the Regenstrief Institute, Inc.