# CMS Electronic Health Record (EHR) Incentive Program

# Eligible hospitals modified STage 2 for stage 1 Attestation Public Use File (PUF) Data Dictionary and Codebook

This is a provider-level file with the following variables. See the General Documentation for an overview of file contents, data source, and analytic utility.

**NPI**

This variable indicates the National Provider Identifier (NPI) for the eligible hospital (EH).

**Program Year**

This variable contains the year of attestation to the Medicare EHR Program.

**Payment Year**

This variable contains the number of year of attestation to the Medicare EHR Program.

**Attestation Success Date**

This variable contains the full date of successful attestation to the Medicare EHR Program.

**CCN**

This variable contains the CMS Certification Number (CCN) for the EH.

**OBEH24**

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| Measure Name: | OBEH24 |
| Objective Title: | Protect Patient Health Information |
| Objective Description: | Protect electronic health information created or maintained by the CEHRT through the implementation of appropriate technical capabilities. |
| Measure Description: | Conduct or review a security risk analysis in accordance with the requirements in 45 CFR 164.308(a)(1), including addressing the security (to include encryption) of electronic patient health information (ePHI) created or maintained by CEHRT in accordance with requirements under 45 CFR 164.312(a)(2)(iv) and 45 CFR 164.306(d)(3), and implement security updates as necessary and correct identified security deficiencies as part of the eligible hospital or critical access hospital’s (CAH's) risk management process. |
| Exclusion Description: | No exclusion. |

This variable provides the response (Yes/No) provided by the EH for OBEH24. Eligible hospitals and CAHs must attest YES to conducting or reviewing a security risk analysis and implementing security updates as necessary and correcting identified security deficiencies to meet this measure.

**OBEH25**

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| Measure Name: | OBEH25 |
| Objective Title: | Electronic Prescribing (eRx) |
| Objective Description: | Generate and transmit permissible discharge prescriptions electronically. |
| Measure Description: | More than 10 percent of hospital discharge medication orders for permissible prescriptions (for new and changed prescriptions) are queried for a drug formulary and transmitted electronically using CEHRT. |
| Exclusion Description: | Any eligible hospital or CAH that does not have an internal pharmacy that can accept electronic prescriptions and is not located within 10 miles of any pharmacy that accepts electronic prescriptions at the start of their EHR reporting period.  **Alternate Exclusion:** The eligible hospital or CAH may claim an exclusion for the eRx objective and measure if for an EHR reporting period in 2015 if they were either scheduled to demonstrate Stage 1, which does not have an equivalent measure, or if they are scheduled to demonstrate Stage 2 but do not select the Stage 2 eRx objective for an EHR reporting period in 2015. |
| Numerator Description: | The number of prescriptions in the denominator generated, queried for a drug formulary and transmitted electronically. | |
| Denominator Description: | Number of new or changed permissible prescriptions written for drugs requiring a prescription in order to be dispensed for patients discharged during the EHR Reporting Period. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH25.

**OBEH26**

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| Measure Name: | OBEH26 |
| Objective Title: | Clinical Decision Support |
| Objective Description: | Use clinical decision support to improve performance on high priority health conditions.  **Alternate Objective**: For an EHR reporting period in 2015 only, an eligible hospital or CAH that is scheduled to participate in Stage 1 in 2015 may satisfy the following in place of Measure 1: Implement one clinical decision support rule relevant to specialty or high clinical priority, or high priority hospital condition, along with the ability to track compliance with that rule. |
| Measure Description: | In order for eligible hospitals and CAHs to meet the objective they must satisfy both of the following measures:  **Measure 1**: Implement five clinical decision support interventions related to four or more clinical quality measures at a relevant point in patient care for the entire EHR reporting period. Absent four clinical quality measures related to an eligible hospital or CAH's scope of practice or patient population, the clinical decision support interventions must be related to high priority health conditions.  **Measure 2**: The eligible hospital or CAH has enabled and implemented the functionality for drug-drug and drug-allergy interaction checks for the entire EHR reporting period.  **Alternate Measure**: Implement one clinical decision support rule. |
| Exclusion Description: | No exclusion. |

This variable provides the response (Yes/No) by the EH for OBEH26. As there are no hospitals with different responses for Measure 1 or 2, all responses are combined into one measure.

**OBEH27A**

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| Measure Name: | OBEH27A |
| Objective Title: | Computerized Provider Order Entry (CPOE) for Medications - Alternate Measure |
| Objective Description: | Use computerized provider order entry for medication, laboratory, and radiology orders directly entered by any licensed healthcare professional that can enter orders into the medical record per state, local, and professional guidelines. |
| Measure Description: | For Stage 1 providers in 2015, more than 30 percent of all unique patients with at least one medication in their medication list admitted to the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period have at least one medication order entered using CPOE; or more than 30 percent of medication orders created by the authorized providers of the eligible hospital or CAH for patients admitted to their inpatient or emergency departments (POS 21 or 23) during the EHR reporting period are recorded using computerized provider order entry. |
| Exclusion Description: | No exclusion. |
| Numerator Description: | The number of orders in the denominator recorded using CPOE. | |
| Denominator Description: | Number of medication orders created by the authorized providers in the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH27A.

**OBEH27B**

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| Measure Name: | OBEH27B |
| Objective Title: | CPOE for Laboratory Orders |
| Objective Description: | Use computerized provider order entry for medication, laboratory, and radiology orders directly entered by any licensed healthcare professional that can enter orders into the medical record per state, local, and professional guidelines. |
| Measure Description: | More than 30 percent of laboratory orders created by the authorized providers of the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period are recorded using computerized provider order entry. |
| Exclusion Description: | 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. |
| Numerator Description: | The number of orders in the denominator recorded using CPOE. | |
| Denominator Description: | Number of laboratory orders created by the authorized providers in the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH27B.

**OBEH27C**

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| Measure Name: | OBEH27C |
| Objective Title: | CPOE for Radiology Orders |
| Objective Description: | Use computerized provider order entry for medication, laboratory, and radiology orders directly entered by any licensed healthcare professional that can enter orders into the medical record per state, local, and professional guidelines. |
| Measure Description: | More than 30 percent of radiology orders created by the authorized providers of the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period are recorded using computerized provider order entry. |
| Exclusion Description: | 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. |
| Numerator Description: | The number of orders in the denominator recorded using CPOE. | |
| Denominator Description: | Number of radiology orders created by the authorized providers in the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH27C.

**OBEH27D**

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| Measure Name: | OBEH27D |
| Objective Title: | CPOE for Medication Orders |
| Objective Description: | Use computerized provider order entry for medication, laboratory, and radiology orders directly entered by any licensed healthcare professional that can enter orders into the medical record per state, local, and professional guidelines. |
| Measure Description: | More than 60 percent of medication orders created by the authorized providers of the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period are recorded using computerized provider order entry. |
| Exclusion Description: | No exclusion. |
| Numerator Description: | The number of orders in the denominator recorded using CPOE. | |
| Denominator Description: | Number of medication orders created by the authorized providers in the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH27D.

**OBEH28A**

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| Measure Name: | OBEH28A |
| Objective Title: | Patient Electronic Access |
| Objective Description: | Provide patients the ability to view online, download, and transmit their health information within 36 hours of hospital discharge. |
| Measure Description: | For an EHR reporting period in 2015, at least 1 patient who is discharged from the inpatient or emergency department (POS 21 or 23) of an eligible hospital or CAH (or patient-authorized representative) views, downloads, or transmits to a third party his or her information during the EHR reporting period. |
| Exclusion Description: | Any eligible hospital or CAH that is located in a county that does not have 50 percent or more of its housing units with 4Mbps broadband availability according to the latest information available from the FCC on the first day of the EHR reporting.  **Alternate Exclusion:** Providers may claim an exclusion for the measure if for an EHR reporting period in 2015 they were scheduled to demonstrate Stage 1, which does not have an equivalent measure. |
| Numerator Description: | The number of patients (or patient-authorized representative) in the denominator who view, download, or transmit to a third party their health information. | |
| Denominator Description: | Number of unique patients discharged from the inpatient or emergency department (POS 21 or 23) of the eligible hospital or CAH during the EHR reporting period. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH28A.

**OBEH28B**

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| Measure Name: | OBEH28B |
| Objective Title: | Patient Electronic Access |
| Objective Description: | Provide patients the ability to view online, download, and transmit their health information within 36 hours of hospital discharge. |
| Measure Description: | More than 50 percent of all patients who are discharged from the inpatient or emergency department (POS 21 or 23) of an eligible hospital or CAH are provided timely access to view online, download and transmit to a third party their health information. |
| Exclusion Description: | No exclusion. |
| Numerator Description: | The number of patients in the denominator who have access to view, download, and transmit their health information within 36 hours after the information is available to the eligible hospital or CAH. | |
| Denominator Description: | Number of unique patients discharged from an eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) during the EHR reporting period. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH28B.

**OBEH29**

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| Measure Name: | OBEH29 |
| Objective Title: | Patient-Specific Education |
| Objective Description: | Use clinically relevant information from CEHRT to identify patient-specific education resources and provide those resources to the patient. |
| Measure Description: | More than 10 percent of all unique patients admitted to the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) are provided patient specific education resources identified by CEHRT. |
| Exclusion Description: | Provider may claim an exclusion for the measure of the Stage 2 Patient Specific Education objective if for an EHR reporting period in 2015 they were scheduled to demonstrate Stage 1 but did not intend to select the Stage 1 Patient Specific Education menu objective. |
| Numerator Description: | Number of patients in the denominator who are subsequently provided patient-specific education resources identified by CEHRT. | |
| Denominator Description: | Number of unique patients admitted to the eligible hospital or CAH inpatient or emergency departments (POS 21 or 23) during the EHR reporting period. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH29.

**OBEH30**

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| Measure Name: | OBEH30 |
| Objective Title: | Medication Reconciliation |
| Objective Description: | The eligible hospital or CAH who receives a patient from another setting of care or provider of care or believes an encounter is relevant performs medication reconciliation. |
| Measure Description: | The eligible hospital or CAH performs medication reconciliation for more than 50 percent of transitions of care in which the patient is admitted to the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23). |
| Exclusion Description: | Provider may claim an exclusion for the measure of the Stage 2 Medication Reconciliation objective if for an EHR reporting period in 2015 they were scheduled to demonstrate Stage 1 but did not intend to select the Stage 1 Medication Reconciliation menu objective. |
| Numerator Description: | The number of transitions of care in the denominator where medication reconciliation was performed. | |
| Denominator Description: | Number of transitions of care during the EHR reporting period for which the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) was the receiving party of the transition. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH30.

**OBEH31**

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| Measure Name: | OBEH31 |
| Objective Title: | Health Information Exchange |
| Objective Description: | The eligible hospital or CAH who transitions their patient to another setting of care or provider of care or refers their patient to another provider of care provides a summary care record for each transition of care or referral. |
| Measure Description: | The eligible hospital or CAH that transitions or refers their patient to another setting of care or provider of care must (1) use CEHRT to create a summary of care record; and (2) electronically transmit such summary to a receiving provider for more than 10 percent of transitions of care and referrals. |
| Exclusion Description: | Provider may claim an exclusion for the Stage 2 measure that requires the electronic transmission of a summary of care document if for an EHR reporting period in 2015, they were scheduled to demonstrate Stage 1, which does not have an equivalent measure. |
| Numerator Description: | The number of transitions of care and referrals in the denominator where a summary of care record was created using CEHRT and exchanged electronically. | |
| Denominator Description: | Number of transitions of care and referrals during the EHR reporting period for which the eligible hospital's or CAH's inpatient or emergency department (POS 21 or 23) was the transferring or referring provider. | |

These variables provide the numerator, denominator, and percentage, calculated by the numerator and denominator provided by the EH for OBEH31.

**OBEH32A**

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| Measure Name: | OBEH32A |
| Objective Title: | Public Health Reporting - Electronic Reportable Laboratory Result Reporting |
| Objective Description: | The eligible hospital or CAH is in active engagement with a public health agency to submit electronic public health data from CEHRT except where prohibited and in accordance with applicable law and practice. |
| Measure Description: | The eligible hospital or CAH is in active engagement with a public health agency to submit electronic reportable laboratory (ELR) results. |
| Exclusion Description: | Any eligible hospital or CAH meeting one or more of the following criteria may be excluded from the electronic reportable laboratory result reporting measure if the eligible hospital or CAH -   * Does not perform or order laboratory tests that are reportable in their jurisdiction during the EHR reporting period; * Operates in a jurisdiction for which no public health agency is capable of accepting the specific ELR standards required to meet the CEHRT definition at the start of the EHR reporting period; or * Operates in a jurisdiction where no public health agency has declared readiness to receive electronic reportable laboratory results from eligible hospitals or CAHs at the start of the EHR reporting period.   **Alternate exclusion:** Eligible hospitals/CAHs scheduled to be in Stage 1: Must attest to at least 2 measures from the Public Health Reporting Objective Measures 1-4.   * May claim an Alternate Exclusion for Measure 1, Measure 2, Measure 3 or Measure 4. * An Alternate Exclusion may only be claimed for up to three measures, then the provider must either attest to or meet the exclusion requirements for the remaining measure described in 495.22 (e)(10)(ii). |

This variable provides the response (Yes/No) provided by the EH for OBEH32A.

**OBEH32B**

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| Measure Name: | OBEH32B |
| Objective Title: | Public Health Reporting - Immunization Registry Reporting |
| Objective Description: | The eligible hospital or CAH is in active engagement with a public health agency to submit electronic public health data from CEHRT except where prohibited and in accordance with applicable law and practice. |
| Measure Description: | The eligible hospital or CAH is in active engagement with a public health agency to submit immunization data. |
| Exclusion Description: | Any eligible hospital or CAH meeting one or more of the following criteria may be excluded from the immunization registry reporting measure if the eligible hospital, or CAH -   * Does not administer any immunizations to any of the populations for which data is collected by its jurisdiction's immunization registry or immunization information system during the EHR reporting period; * Operates in a jurisdiction for which no immunization registry or immunization information system is capable of accepting the specific standards required to meet the CEHRT definition at the start of the EHR reporting period; or * Operates in a jurisdiction where no immunization registry or immunization information system has declared readiness to receive immunization data from the eligible hospital or CAH at the start of the EHR reporting period.   **Alternate exclusion:** Eligible hospitals/CAHs scheduled to be in Stage 1: Must attest to at least 2 measures from the Public Health Reporting Objective Measures 1-4.   * May claim an Alternate Exclusion for Measure 1, Measure 2, Measure 3 or Measure 4. * An Alternate Exclusion may only be claimed for up to three measures, then the provider must either attest to or meet the exclusion requirements for the remaining measure described in 495.22 (e)(10)(ii). |

This variable provides the response (Yes/No) provided by the EH for OBEH32B.

**OBEH32C**

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| Measure Name: | OBEH32C |
| Objective Title: | Public Health Reporting - Specialized Registry Reporting |
| Objective Description: | The eligible hospital or CAH is in active engagement with a public health agency to submit electronic public health data from CEHRT except where prohibited and in accordance with applicable law and practice. |
| Measure Description: | The eligible hospital or CAH is in active engagement to submit data to a specialized registry. |
| Exclusion Description: | Any eligible hospital or CAH meeting at least one of the following criteria may be excluded from the specialized registry reporting measure if the eligible hospital, or CAH -   * Does not diagnose or treat any disease or condition associated with, or collect relevant data that is collected by, a specialized registry in their jurisdiction during the EHR reporting period; * Operates in a jurisdiction for which no specialized registry is capable of accepting electronic registry transactions in the specific standards required to meet the CEHRT definition at the start of the EHR reporting period; or * Operates in a jurisdiction where no specialized registry for which the eligible hospital or CAH is eligible has declared readiness to receive electronic registry transactions at the beginning of the EHR reporting period.   **Alternate exclusion:** Eligible hospitals/CAHs scheduled to be in Stage 1: Must attest to at least 2 measures from the Public Health Reporting Objective Measures 1-4.   * May claim an Alternate Exclusion for Measure 1, Measure 2, Measure 3 or Measure 4. * An Alternate Exclusion may only be claimed for up to three measures, then the provider must either attest to or meet the exclusion requirements for the remaining measure described in 495.22 (e)(10)(ii). |

This variable provides the response (Yes/No) provided by the EH for OBEH32C.

**OBEH32D**

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| Measure Name: | OBEH32D |
| Objective Title: | Public Health Reporting - Syndromic Surveillance Reporting |
| Objective Description: | The eligible hospital or CAH is in active engagement with a public health agency to submit electronic public health data from CEHRT except where prohibited and in accordance with applicable law and practice. |
| Measure Description: | The eligible hospital or CAH is in active engagement with a public health agency to submit syndromic surveillance data. |
| Exclusion Description: | Any eligible hospital or CAH meeting one or more of the following criteria may be excluded from the syndromic surveillance reporting measure if the eligible hospital or CAH -   * Does not have an emergency or urgent care department; * Operates in a jurisdiction for which no public health agency is capable of receiving electronic syndromic surveillance data from eligible hospitals or CAHs in the specific standards required to meet the CEHRT definition at the start of the EHR reporting period; or * Operates in a jurisdiction where no public health agency has declared readiness to receive syndromic surveillance data from eligible hospitals or CAHs at the start of the EHR reporting period.   **Alternate exclusion:** Eligible hospitals/CAHs scheduled to be in Stage 1: Must attest to at least 2 measures from the Public Health Reporting Objective Measures 1-4.   * May claim an Alternate Exclusion for Measure 1, Measure 2, Measure 3 or Measure 4. * An Alternate Exclusion may only be claimed for up to three measures, then the provider must either attest to or meet the exclusion requirements for the remaining measure described in 495.22 (e)(10)(ii). |

This variable provides the response (Yes/No) provided by the EH for OBEH32D.

**OBEH38**

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| Measure Name: | OBEH38 |
| Objective Title: | Clinical Decision Support |
| Objective Description: | Use clinical decision support to improve performance on high priority health conditions.  **Alternate Objective**: For an EHR reporting period in 2015 only, an eligible hospital or CAH that is scheduled to participate in Stage 1 in 2015 may satisfy the following in place of Measure 1: Implement one clinical decision support rule relevant to specialty or high clinical priority, or high priority hospital condition, along with the ability to track compliance with that rule. |
| Measure Description: | In order for eligible hospitals and CAHs to meet the objective they must satisfy both of the following measures:  **Measure 1**: Implement five clinical decision support interventions related to four or more clinical quality measures at a relevant point in patient care for the entire EHR reporting period. Absent four clinical quality measures related to an eligible hospital or CAH's scope of practice or patient population, the clinical decision support interventions must be related to high priority health conditions.  **Measure 2**: The eligible hospital or CAH has enabled and implemented the functionality for drug-drug and drug-allergy interaction checks for the entire EHR reporting period.  **Alternate Measure**: Implement one clinical decision support rule. |
| Exclusion Description: | No exclusion. |

This variable provides the response (Yes/No) by the EH for OBEH26. As there are no hospitals with different responses for Measure 1 or 2, all responses are combined into one measure.

OBEH39 - More than 30 percent of laboratory orders created by authorized

OBEH39 - More than 30 percent of radiology orders created by authorized p

OBEH39 - More than 60 percent of medication orders created by authorized

OBEH40 - At least one patient (or patient-authorized representative) who

OBEH40 - More than 50 percent of all unique patients who are discharged f

OBEH41 Patient Specific Education

OBEH42 Medication Reconciliation

OBEH43 Health Information Exchange