**Please provide the following information on any comments provided on the published USCDI Version 2 data classes and data elements.**

**1. Data Class:** Encounter

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| **Data Element:** time, type, and diagnosis |
| **Level of Data Element (Level 1 or Level 2):** Level 2 |
| **URL link to the submission you are referencing:** https://www.healthit.gov/isa/uscdi-data/encounter-information#level-2  **Applicable Standard(s):** ◾SNOMED International, Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®) U.S. Edition, September 2020 Release  ◾International Classification of Diseases ICD-10-CM 2021  **Comments:** The CDC Division for Heart Disease and Stroke Prevention and the Million Hearts® 2022 Hearts national initiative (co-led by and the Centers for Medicare & Medicaid Services) uses this data as it is available for monitoring and evaluation to prevent 1 million heart attacks and strokes in 5 years. Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. The Multi-state EHR-based Network for Disease Surveillance (MENDS) pilot will use electronic health record (EHR) data collected in clinical settings leading to a real-time, chronic disease surveillance model to plan and evaluate short-term outcomes of policies and program interventions. Initial diagnosis date and place will be very useful for chronic conditions, as it will shed light on disease progression, quality of life, treatment effectiveness etc.  **2. Data Class:** Problems   |  | | --- | | **Data Element:** data of diagnosis and date of resolution | | **Level of Data Element (Level 1 or Level 2):** Level 2 | | **URL link to the submission you are referencing:** https://www.healthit.gov/isa/uscdi-data/problems#level-2 | | **Applicable Standard(s):** ◾USCDI v1 - SNOMED International, Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®) U.S. Edition, September 2019 Release  ◾Draft USCDI v2 - SNOMED International, Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT®) U.S. Edition, September 2020 Release  **Comments:** The CDC Division for Heart Disease and Stroke Prevention and the Million Hearts® 2022 Hearts national initiative (co-led by and the Centers for Medicare & Medicaid Services) uses this data as it is available for monitoring and evaluation to prevent 1 million heart attacks and strokes in 5 years. Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. The Multi-state EHR-based Network for Disease Surveillance (MENDS) pilot will use electronic health record (EHR) data collected in clinical settings leading to a real-time, chronic disease surveillance model to plan and evaluate short-term outcomes of policies and program interventions. |   **3. Data Class:** Care Team  **Data Element**: provider identifier and provider name  **Level of Data Element (Level 1 or Level 2):** Level 2  **URL link to the submission you are referencing:** https://www.healthit.gov/isa/uscdi-data/care-team-members-0#level-2  **Applicable Standard(s):** N/A  **Comments:** The CDC Division for Heart Disease and Stroke Prevention and the Million Hearts® 2022 Hearts national initiative (co-led by and the Centers for Medicare & Medicaid Services) uses this data as it is available for monitoring and evaluation to prevent 1 million heart attacks and strokes in 5 years. Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. The Multi-state EHR-based Network for Disease Surveillance (MENDS) pilot will use electronic health record (EHR) data collected in clinical settings leading to a real-time, chronic disease surveillance model to plan and evaluate short-term outcomes of policies and program interventions. |

**4. Data Class:** Health Insurance

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| **Data Element:** payer identifier |
| **Level of Data Element (Level 1 or Level 2):** Level 2 |
| **URL link to the submission you are referencing**: https://www.healthit.gov/isa/uscdi-data/payer-identifier  **Applicable Standard(s):** N/A  **Comments**: The CDC Division for Heart Disease and Stroke Prevention and the Million Hearts® 2022 Hearts national initiative (co-led by and the Centers for Medicare & Medicaid Services) uses this data as it is available for monitoring and evaluation to prevent 1 million heart attacks and strokes in 5 years. Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. The Multi-state EHR-based Network for Disease Surveillance (MENDS) pilot will use electronic health record (EHR) data collected in clinical settings leading to a real-time, chronic disease surveillance model to plan and evaluate short-term outcomes of policies and program interventions.  **5. Data Class:** Procedure   |  | | --- | | **Data Element**: timing  **Level of Data Element (Level 1 or Level 2)**: Level 2  **URL link to the submission you are referencing**: https://www.healthit.gov/isa/uscdi-data/procedure-timing  **Applicable Standard(s)**: Transmission-based precautions: SNOMED CT  **Comments**: The CDC Division for Heart Disease and Stroke Prevention and the Million Hearts® 2022 Hearts national initiative (co-led by and the Centers for Medicare & Medicaid Services) uses this data as it is available for monitoring and evaluation to prevent 1 million heart attacks and strokes in 5 years. Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. The Multi-state EHR-based Network for Disease Surveillance (MENDS) pilot will use electronic health record (EHR) data collected in clinical settings leading to a real-time, chronic disease surveillance model to plan and evaluate short-term outcomes of policies and program interventions.  **6. Data Class:** Vital Signs | |
| **Data Element:** average blood pressure |
| **Level of Data Element (Level 1 or Level 2):** Level 2 |
| **URL link to the submission you are referencing:** https://www.healthit.gov/isa/uscdi-data/average-blood-pressure |
| **Applicable Standard(s):** SNOMED CT has:  723232008 |Average blood pressure (observable entity)|  314453003 |Average diastolic blood pressure (observable entity)|  314440001 |Average systolic blood pressure (observable entity)|  LOINC - Does not yet include this data element.  **Comments:** The CDC Division for Heart Disease and Stroke Prevention and the Million Hearts® 2022 Hearts national initiative (co-led by and the Centers for Medicare & Medicaid Services) uses this data as it is available for monitoring and evaluation to prevent 1 million heart attacks and strokes in 5 years. Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. 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Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. The Multi-state EHR-based Network for Disease Surveillance (MENDS) pilot will use electronic health record (EHR) data collected in clinical settings leading to a real-time, chronic disease surveillance model to plan and evaluate short-term outcomes of policies and program interventions.  **8. Data Class:** Medications  **Data Element:** date medication prescribed | | **Level of Data Element (Level 1 or Level 2):** Level 2 | | | **URL link to the submission you are referencing:** https://www.healthit.gov/isa/uscdi-data/date-medication-prescribed  **Applicable Standard(s):** Date Medication Prescribed and Date Medication Administered: dateTime Data Type (FHIR): http://hl7.org/fhir/datatypes.html#dateTime  Medication Prescribed Code and Medication Administered Code: RxNorm: https://www.nlm.nih.gov/research/umls/rxnorm/index.html  Medication Prescribed Dose Units and Medication Administration Dose Units: UCUM: http://unitsofmeasure.org  http://hl7.org/fhir/datatypes.html#dateTime https://www.nlm.nih.gov/research/umls/rxnorm/index.html http://unitsofmeasure.org  **Comments:** The CDC Division for Heart Disease and Stroke Prevention and the Million Hearts® 2022 Hearts national initiative (co-led by and the Centers for Medicare & Medicaid Services) uses this data as it is available for monitoring and evaluation to prevent 1 million heart attacks and strokes in 5 years. Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. The Multi-state EHR-based Network for Disease Surveillance (MENDS) pilot will use electronic health record (EHR) data collected in clinical settings leading to a real-time, chronic disease surveillance model to plan and evaluate short-term outcomes of policies and program interventions.  **9. Data Class:** Medications   |  | | --- | | **Data Element:** data medication administered | | **Level of Data Element (Level 1 or Level 2):** Level 2 | | **URL link to the submission you are referencing:** https://www.healthit.gov/isa/uscdi-data/date-medication-administered  **Applicable Standard(s):** Date Medication Prescribed and Date Medication Administered: dateTime Data Type (FHIR): http://hl7.org/fhir/datatypes.html#dateTime  Medication Prescribed Code and Medication Administered Code: RxNorm: https://www.nlm.nih.gov/research/umls/rxnorm/index.html  Medication Prescribed Dose Units and Medication Administration Dose Units: UCUM: http://unitsofmeasure.org  http://hl7.org/fhir/datatypes.html#dateTime https://www.nlm.nih.gov/research/umls/rxnorm/index.html http://unitsofmeasure.org  **Comments:** The CDC Division for Heart Disease and Stroke Prevention and the Million Hearts® 2022 Hearts national initiative (co-led by and the Centers for Medicare & Medicaid Services) uses this data as it is available for monitoring and evaluation to prevent 1 million heart attacks and strokes in 5 years. Furthermore, the CDC plans to leverage this data further in the future for surveillance and epidemiology studies if advanced through policy and available from EHRs. The Multi-state EHR-based Network for Disease Surveillance (MENDS) pilot will use electronic health record (EHR) data collected in clinical settings leading to a real-time, chronic disease surveillance model to plan and evaluate short-term outcomes of policies and program interventions. | | | |