



CPCSSN Data Dictionary

2024-Q4

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Table: Network

- A master list of all the practice-based research networks within CPCSSN whose data has been sent to the central repository
- Linking table that contains the names and locations of each practice-based research network within CPCSSN

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|-----------------------|-------------------|---------------|---|--|-------|
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | |
| GeographicArea | Categorical | | Geographical area of the Network. | 'Southern Alberta', 'Northern Alberta', 'Greater Toronto Area', 'Eastern Ontario', 'Quebec', 'Newfoundland & Labrador', 'Manitoba', 'Maritime Provinces', 'British Columbia', 'Southern Ontario', 'National Capital Region', 'Northern Ontario' | |

Table: Provider

- Contains limited demographic information on providers (physicians and nurse practitioners) who are currently participating in CPCSSN

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|---------------------|--------------------|---------------|---|---|---|
| Provider_ID | Provider table key | 4 digits | Unique integer identifying each CPCSSN provider. | Positive Integers | <ul style="list-style-type: none"> • Unique number assigned by each network to the providers in its sites |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> • Allows this table to be linked to the Network table and all other tables that include the Network table key • Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| BirthYear | Date | yyyy | Provider's year of birth. | BirthYear + 25 <= extraction year <= BirthYear + 85 | |
| Sex | Categorical | | Provider's sex. | Male, Female | <ul style="list-style-type: none"> • Contains provider-reported sex |
| ProviderType | Categorical | | The type of health care practitioner that the provider is. | | <ul style="list-style-type: none"> • Not currently standardised |
| StartDate | Date | yyyy-mm-dd | Date that the provider joined CPCSSN at their current practice site. | | <ul style="list-style-type: none"> • If a provider changes sites but remains part of CPCSSN, StartDate will be the date they started at the new site |

Table: Patient

- List of EMR patients whose primary provider is a consenting physician in the CPCSSN project (has an entry in the Provider table)
- Contains limited demographic information on each patient

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|--------------------|--------------------|-----------------|---|--|---|
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique integer randomly assigned to each patient within CPCSSN. | Positive integers | ● The Patient_ID can be used to link records for each patient that are stored in other tables |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Provider_ID | Provider Table Key | 15-16 digits | Unique integer identifying each CPCSSN provider. | Positive Integers | ● Only a Provider_ID that exists in the Provider table can be referenced here |
| StartDate | Date | yyyy-mm-dd | Date that the provider starts providing care to the patient at this site. | 1980-01-01 to CutOffDate (see the Cycle table) | ● If this information is not recorded in the EMR, the date on the earliest record in the EMR may be used |
| Sex_calc | Categorical | | Standardised sex (not gender) of the patient. | 'Male' or 'Female' | |
| Age | Integer | 1-2 digits | The age of the patient as of the cycle cut-off date. | 0 - 125 | ● Must pick one of the following options: ● Option 1: Age (to nearest year) and Location = 'Urban' or 'Rural' ● Option 2: Age (to nearest 5 years) and Location = FSA (if available) |
| Location | Categorical | | Urban/rural or Forward Sorting Area (FSA = first three characters of the postal code). | 'Urban', 'Rural', | ● Must pick one of the following options: ● Option 1: Age (to nearest year) and Location = 'Urban' or 'Rural' ● Option 2: Age (to nearest 5 years) and Location = FSA (if available) |
| DateCreated | Date | yyyy-mm-dd | The date on which the record was input into the EMR. | 1980-01-01 to CutOffDate (see the Cycle table) | ● If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: AllergyIntolerance

- All allergy and intolerance data for the patient

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|------------------------------|------------------------------|-----------------|--|---|--|
| AllergyIntolerance_ID | AllergyIntolerance Table Key | 15-16 digits | Unique integer identifying an allergy/intolerance record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> ● Allows this table to be linked to the patient table and all tables that contain the patient table key ● Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links a record in this table to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> ● Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID ● Only an Encounter_ID that exists in the Encounter table can be referenced here ● Multiple records in this table may be linked to a single Encounter record ● May be empty if the record cannot be linked to a specific encounter |
| StartDate | Date | yyyy-mm-dd | Date on which the allergy was first identified. | 1902-01-01 to CutOffDate (see the Cycle table) | |
| StopDate | Date | yyyy-mm-dd | Date on which the allergy noted as inactive. | 1902-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> ● If an allergy is inactive and StopDate cannot be found, Status field must still be set to 'Inactive' |
| DIN_calc | Categorical | 8 digits | Drug Identification Number for the medication. | 00000000 - 99999999 | <ul style="list-style-type: none"> ● DIN look-up and downloadable files can be found on Health Canada's Drug Product Database website |
| Name_calc | Categorical | | Standardised text description that accompanies the specific ATC code recorded in Code_calc. | Descriptions from Health Canada's Drug Product Database | <ul style="list-style-type: none"> ● Populated by the CPCSSN ATC coding algorithm, which uses the medication descriptions from Health Canada's Drug Product Database |

| | | | | | |
|---------------------------|-------------|------------|--|--|---|
| CodeType_calc | Categorical | | Code set from which the code in Code_calc was drawn. Currently, can only be 'ATC'. | ATC | <ul style="list-style-type: none"> • Must be 'ATC' or empty |
| Code_calc | Categorical | | An ATC code. | Valid ATC code only | <ul style="list-style-type: none"> • Populated by the CPCSSN ATC coding algorithm, which uses the ATC codes from Health Canada's Drug Product Database |
| Severity_calc | Categorical | | Standardised severity of the allergy or intolerance reaction. | 'Mild', 'Moderate', 'Severe' | |
| AllergyStatus_calc | Categorical | | Current status of the allergy or intolerance. | 'Active', 'Inactive' | |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> • If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: Billing

- Contains patient-level EMR billing records that have been processed by CPCSSN text processing algorithms
- Each record is for a single patient, labelled by Patient_ID
- Each patient may have more than one record for a single encounter (i.e., physician billed for multiple services). Linking to other records corresponding to single encounters is accomplished through the Encounter_ID variable

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|-------------------------|---------------------|--------------------|--|--|--|
| Billing_ID | Billing Table Key | 15 or 16-digits | Unique integer identifying a Billing record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> • Allows this table to be linked to the Network table and all other tables that include the Network table key • Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> • Allows this table to be linked to the the patient table and all tables that contain the patient table key • Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links a Billing record to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> • Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID • Only an Encounter_ID that exists in the Encounter table can be referenced here • Multiple records in this table may be linked to a single Encounter record • May be empty if the record cannot be linked to a specific encounter |
| ServiceDate | Date | yyyy-mm-dd | Date on which the service was provided. | 1980-01-01 to CutOffDate (see the Cycle table) | |
| ServiceCode_calc | Categorical | Varies by province | Province-specific code for the service being billed for. | Varies by province | <ul style="list-style-type: none"> • Allowed service code sets vary by province and may change with time. • We currently have data for five provinces. Links to documentation are below: BC: MSC Payment Schedule AB: Health Service Codes MB: Manitoba Physician's Manual ON: OHIP Schedule of Benefits & Fees NS: MSI Billing |

| | | | | | |
|-------------------------------|-------------|------------|--|--|---|
| DiagnosisText_calc | Categorical | | Standardised text description that accompanies the specific ICD-9-CM code recorded in DiagnosisCode_calc. | Descriptions from ICD-9-CM only | <ul style="list-style-type: none"> • Populated by the CPCSSN ICD-9-CM coding algorithm, which uses the descriptions of disease entities from ICD-9-CM • Text terms can be found through an ICD-9 look-up website |
| DiagnosisCodeType_calc | Categorical | | The diagnosis code set from which the code in DiagnosisCode_calc was drawn. Currently, can only be 'ICD9'. | 'ICD9' | <ul style="list-style-type: none"> • Must be 'ICD9' or empty |
| DiagnosisCode_calc | Categorical | | An ICD-9-CM code. | Valid ICD-9-CM code | <ul style="list-style-type: none"> • Populated by the CPCSSN ICD-9-CM coding algorithm, which uses the descriptions of disease entities from ICD-9-CM • ICD-9 codes can be found through an ICD-9 look-up website |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> • If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: Deprivation

- Values captured in this table are related to the [Pampalon index](#) for social and material deprivation. Since the census areas used to calculate Pampalon scores do not exactly overlap with postal code regions, and postal codes are the only location data that CPCSSN has access to, a proper deprivation score cannot be given to each individual. Instead, the values in this table represent the percentage of people within a patient’s postal code that have each score. For example, within a specific patient’s postal code, 10% of people could have social deprivation = 1, 40% = 2, 50% = 3, 0% = 4, 0% = 5.
- The scores in this table should only be used for population-level analysis, as they do not reflect the deprivation scores of individual patients

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|-----------------------|-----------------------|-----------------|---|-------------------|---|
| Deprivation_ID | Deprivation Table Key | 15-16 digits | Unique integer identifying a Deprivation record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> • Allows this table to be linked to the Network table and all other tables that include the Network table key • Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Site_ID | Site Table Key | 15 or 16-digits | Unique integer assigned to each practice site by a regional practice-based research network. | See Site table | <ul style="list-style-type: none"> • Allows this table to be linked to the Site table and all other tables that include the Site table key • Only a Site_ID that exists in the Site table can be referenced here |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient Table | <ul style="list-style-type: none"> • Allows this table to be linked to the patient table and all tables that contain the patient table key • Only a Patient_ID that exists in the Patient table can be referenced here |
| MaterialQ1 | Integer | 1 - 3 digits | Percentage of people in the patient’s postal code who have a Pampalon material deprivation index = 1. | 0 - 100 | |
| MaterialQ2 | Integer | 1 - 3 digits | Percentage of people in the patient’s postal code who have a Pampalon material deprivation index = 2. | 0 - 100 | |
| MaterialQ3 | Integer | 1 - 3 digits | Percentage of people in the patient’s postal code who have a Pampalon material deprivation index = 3. | 0 - 100 | |
| MaterialQ4 | Integer | 1 - 3 digits | Percentage of people in the patient’s postal code who have a Pampalon material deprivation index = 4. | 0 - 100 | |
| MaterialQ5 | Integer | 1 - 3 digits | Percentage of people in the patient’s postal code who have a Pampalon material deprivation index = 5. | 0 - 100 | |
| SocialQ1 | Integer | 1 - 3 digits | Percentage of people in the patient’s postal code who have a Pampalon social deprivation index = 1. | 0 - 100 | |

| | | | | | |
|-------------------------|---------|--------------|--|---------|--|
| SocialQ2 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon social deprivation index = 2. | 0 - 100 | |
| SocialQ3 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon social deprivation index = 3. | 0 - 100 | |
| SocialQ4 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon social deprivation index = 4. | 0 - 100 | |
| SocialQ5 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon social deprivation index = 5. | 0 - 100 | |
| MaterialSocialQ1 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon material-social deprivation index = 1. | 0 - 100 | |
| MaterialSocialQ2 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon material-social deprivation index = 2. | 0 - 100 | |
| MaterialSocialQ3 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon material-social deprivation index = 3. | 0 - 100 | |
| MaterialSocialQ4 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon material-social deprivation index = 4. | 0 - 100 | |
| MaterialSocialQ5 | Integer | 1 - 3 digits | Percentage of people in the patient's postal code who have a Pampalon material-social deprivation index = 5. | 0 - 100 | |

Table: Encounter

- Encounters (i.e., interactions) between patient and provider
- Not all interactions are captured in this table
- The interaction provider does not need to be participating in CPCSSN, although if they are not, the provider’s information is suppressed

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|---------------------------|---------------------|-----------------|---|---|---|
| Encounter_ID | Encounter Table Key | 15-16 digits | Unique integer identifying an Encounter record. | Positive Integers | <ul style="list-style-type: none"> • Encounter_IDs can be used to link records that are located in separate CPCSSN tables, but are from a single encounter between patient and provider • Not all Encounter_IDs link to records in other CPCSSN tables • The majority of records in other CPCSSN tables have no Encounter_ID |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 13 | <ul style="list-style-type: none"> • Allows this table to be linked to the Network table and all other tables that include the Network table key • Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient Table | <ul style="list-style-type: none"> • Allows this table to be linked to the patient table and all tables that contain the patient table key • Only a Patient_ID that exists in the Patient table can be referenced here |
| Provider_ID | Provider Table Key | 15-16 digits | Unique integer identifying each CPCSSN provider. | See Provider Table | <ul style="list-style-type: none"> • Only a Provider_ID that exists in the Provider table can be referenced here • If the provider for the visit is not part of CPCSSN, the Provider_ID will be empty |
| EncounterDate | Date | yyyy-mm-dd | Date on which the encounter occurred. | 1980-01-01 to cut-off date | |
| EncounterType_calc | Categorical | | Standard coding of the Encounter_orig text. | 'Email', 'Office Visit', 'Out of Office Visit', 'Phone Call' | |

| | | | | | |
|--------------------|------|------------|-------------------------------|--|---|
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> • If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |
|--------------------|------|------------|-------------------------------|--|---|

Table: EncounterDiagnosis

- Diagnoses resulting from each encounter between patient and provider

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|-------------------------------|------------------------------|-----------------|--|--|--|
| EncounterDiagnosis_ID | EncounterDiagnosis Table Key | 15 or 16-digits | Unique integer identifying an EncounterDiagnosis record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> • Allows this table to be linked to the Network table and all other tables that include the Network table key • Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> • Allows this table to be linked to the the patient table and all tables that contain the patient table key • Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links an EncounterDiagnosis record to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> • Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID • Only an Encounter_ID that exists in the Encounter table can be referenced here • Multiple records in this table may be linked to a single Encounter record • May be empty if the record cannot be linked to a specific encounter |
| DiagnosisText_calc | Categorical | | Standardised text description that accompanies the specific ICD-9-CM code recorded in DiagnosisCode_calc. | Descriptions from ICD-9-CM only | <ul style="list-style-type: none"> • Populated by the CPCSSN ICD-9-CM coding algorithm, which uses the descriptions of disease entities from ICD-9-CM • Text terms can be found through an ICD-9 look-up website |
| DiagnosisCodeType_calc | Categorical | | The diagnosis code set from which the code in DiagnosisCode_calc was drawn. Currently, can only be 'ICD9'. | 'ICD9' | <ul style="list-style-type: none"> • Must be 'ICD9' or empty |
| DiagnosisCode_calc | Categorical | | An ICD-9-CM code. | Valid ICD-9-CM code | <ul style="list-style-type: none"> • Populated by the CPCSSN ICD-9-CM coding algorithm, which uses the descriptions of disease entities from ICD-9-CM • ICD-9 codes can be found through an ICD-9 look-up website |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> • If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: Exam

- Results of physical exams performed on the patient
- Eight exams are currently extracted by CPCSSN (allowed ranges and units in brackets)
 - Body mass index (BMI) [10-100 kg/m²]
 - Diabetic foot exam
 - Height [adult (19+) height: 85-230 cm, child height (<19) 30-230 cm]
 - Peak expiratory flow rate (PEFR) [0.1-200 L/min]
 - Systolic and diastolic blood pressure (sBP and dBP) [sBP: 50-300 mmHg; dBP: 30-230 mmHg]
 - Waist circumference [30-300 cm]
 - Waist-to-hip ratio [0.3-3]
 - Weight [1-500 kg]

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|---------------|---------------------|-----------------|--|---|--|
| Exam_ID | Exam Table Key | 15 or 16-digits | Unique integer identifying an Exam record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> • Allows this table to be linked to the Network table and all other tables that include the Network table key • Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> • Allows this table to be linked to the the patient table and all tables that contain the patient table key • Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links an exam record to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> • Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID • Only an Encounter_ID that exists in the Encounter table can be referenced here • Multiple records in this table may be linked to a single Encounter record • May be empty if the record cannot be linked to a specific encounter |
| Exam1_calc | Categorical | | Standardised name of the physical exam. | BMI, Foot Exam, Height, Joint Pain, PEFR, | |

| | | | | | |
|---------------------------|-------------|------------|--|---|--|
| | | | | sBP, Waist Circumference, Waist Hip Ratio, Weight | |
| Result1_calc | Numeric | | Result1_orig converted to CPCSSN standard units. | | <ul style="list-style-type: none"> Only populated if Result1_orig (and Result2_orig, if applicable) can be converted from the UnitOfMeasure_orig to the CPCSSN standard units, and the converted value is within allowed bounds CPCSSN does not yet code 'Foot Exam results to standard text, so all Result1_calc entries for this exam type will be blank |
| Exam2_calc | Categorical | | Standardised name of the physical exam that is paired with Exam1 | 'dBP' or empty | <ul style="list-style-type: none"> Currently the only paired exam is blood pressure When Exam 1 is 'sBP' then Exam2 must be 'dBP' |
| Result2_calc | Integer | | Result2_orig converted to CPCSSN standard units. | | <ul style="list-style-type: none"> Only populated if Result1_orig (and Result2_orig, if applicable) can be converted from the UnitOfMeasure_orig to the CPCSSN standard units, and the converted value is within allowed bounds |
| UnitOfMeasure_calc | Categorical | | The CPCSSN standard units for each exam. | cm, kg, kg/m^2, L/min, mmHg | <ul style="list-style-type: none"> Only populated if Result1_orig (and Result2_orig, if applicable) can be converted from the UnitOfMeasure_orig to the CPCSSN standard units, and the converted value is within allowed bounds |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: FamilyHistory

- Family history of the patient

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|-------------------------------|-------------------------|-----------------|--|--|--|
| FamilyHistory_ID | FamilyHistory Table Key | 15 or 16-digits | Unique integer identifying a FamilyHistory record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> Allows this table to be linked to the Network table and all other tables that include the Network table key Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> Allows this table to be linked to the the patient table and all tables that contain the patient table key Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links an family history record to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID Only an Encounter_ID that exists in the Encounter table can be referenced here Multiple records in this table may be linked to a single Encounter record May be empty if the record cannot be linked to a specific encounter |
| DiagnosisText_calc | Categorical | | Standardised text description that accompanies the specific ICD-9-CM code recorded in DiagnosisCode_calc. | Descriptions from ICD-9-CM only | <ul style="list-style-type: none"> Populated by the CPCSSN ICD-9-CM coding algorithm, which uses the descriptions of disease entities from ICD-9-CM Text terms can be found through an ICD-9 look-up website |
| DiagnosisCodeType_calc | Categorical | | The diagnosis code set from which the code in DiagnosisCode_calc was drawn. Currently, can only be 'ICD9'. | 'ICD9' | <ul style="list-style-type: none"> Must be 'ICD9' or empty |
| DiagnosisCode_calc | Categorical | | An ICD-9-CM code. | Valid ICD-9-CM code | <ul style="list-style-type: none"> Populated by the CPCSSN ICD-9-CM coding algorithm, which uses the descriptions of disease entities from ICD-9-CM ICD-9 codes can be found through an ICD-9 look-up website |
| Relationship_calc | Categorical | | Standardised relationship type, determined from the CPCSSN relationship coding algorithm. | 'Aunt' 'Brother' 'Cousin' 'Daughter' 'Father' 'Granddaughter' 'Grandfather' 'Grandmother' 'Grandson' | <ul style="list-style-type: none"> Both Relationship_orig and DiagnosisText_orig entries factor into the coding; however, only when the Relationship_calcs determined from both fields are consistent (or only one of the field is empty), will this variable be populated The allowed values may have different capitalisation or hyphenation than indicated |

| | | | | | |
|--------------------------------|-------------|------------|--|--|---|
| | | | | 'Great Aunt' 'Great Granddaughter' 'Great Grandfather' 'Great Grandmother' 'Great Grandson' 'Great Uncle' 'Half Brother' 'Half Sister' 'Mother' 'Nephew' 'Niece' 'Sister' 'Son' 'Uncle' | |
| RelationshipSide_calc | Categorical | | Was the relationship on the mother's or father's side? | 'Maternal', 'Paternal' | |
| RelationshipDegree_calc | Categorical | | Network degree of the relationship. | 1, 2 | <ul style="list-style-type: none"> Relationship degree defined here: http://www.cdc.gov/genomics/resources/diseases/breast_ovarian_cancer/risk_categories.htm |
| AgeAtOnset | Integer | 1-3 digits | Age of onset for the condition. | 0-125 | |
| VitalStatus_calc | Categorical | | Standardised text indicating if the relative was alive or deceased at the time when the family history was recorded. | 'Alive', 'Deceased' | |
| WasCauseOfDeath | Integer | 1 digit | Was this condition the cause of death? | 0, 1 | <ul style="list-style-type: none"> 0 = not the cause of death 1 = was the cause of death |
| AgeAtDeath | Integer | 1-3 digits | Relation's age at death. | 0-125 | |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: HealthCondition

- The problem list and past medical history of the patient.

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|------------------------|---------------------------|-----------------|--|---------------------------------|--|
| HealthCondition_ID | HealthCondition Table Key | 15 or 16-digits | Unique integer identifying a HealthCondition record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> ● Allows this table to be linked to the the patient table and all tables that contain the patient table key ● Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links an family history record to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> ● Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID ● Only an Encounter_ID that exists in the Encounter table can be referenced here ● Multiple records in this table may be linked to a single Encounter record ● May be empty if the record cannot be linked to a specific encounter |
| DiagnosisText_calc | Categorical | | Standardised text description that accompanies the specific ICD-9-CM code recorded in DiagnosisCode_calc. | Descriptions from ICD-9-CM only | <ul style="list-style-type: none"> ● Populated by the CPCSSN ICD-9-CM coding algorithm, which uses the descriptions of disease entities from ICD-9-CM ● Text terms can be found through an ICD-9 look-up website |
| DiagnosisCodeType_calc | Categorical | | The diagnosis code set from which the code in DiagnosisCode_calc was drawn. Currently, can only be 'ICD9'. | 'ICD9' | <ul style="list-style-type: none"> ● Must be 'ICD9' or empty |
| DiagnosisCode_calc | Categorical | | An ICD-9-CM code. | Valid ICD-9-CM code | <ul style="list-style-type: none"> ● Populated by the CPCSSN ICD-9-CM coding algorithm, which uses the descriptions of disease entities from ICD-9-CM ● ICD-9 codes can be found through an ICD-9 look-up website |

| | | | | | |
|--------------------|-------------|------------|---|--|---|
| DateOfOnset | Date | yyyy-mm-dd | Date on which the health condition began. | 1902-01-01 to CutOffDate (see the Cycle table) | |
| Status_calc | Categorical | | A standardised indicator that the condition is active at the time of data extraction. | 'Active', 'Inactive' | |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> • If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: Lab

- Results of lab tests

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|-----------------|---------------------|-----------------|--|--|--|
| Lab_ID | Lab Table Key | 15-16 digits | Unique integer identifying a lab record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> • Allows this table to be linked to the Network table and all other tables that include the Network table key • Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> • Allows this table to be linked to the patient table and all tables that contain the patient table key • Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links a record in this table to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> • Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID • Only an Encounter_ID that exists in the Encounter table can be referenced here • Multiple records in this table may be linked to a single Encounter record • May be empty if the record cannot be linked to a specific encounter |
| PerformedDate | Date | yyyy-mm-dd | Date on which the lab test was performed. | 1902-01-01 to CutOffDate (see the Cycle table) | |
| Name_calc | Categorical | | CPCSSN or LOINC standardised text description for the LOINC code recorded in Code_calc. | | <ul style="list-style-type: none"> • Populated by the CPCSSN lab coding algorithm • There are standardised CPCSSN names for 53 lab tests, with remaining labs named as per the LOINC standard |
| CodeType_calc | Categorical | | Code set from which the code in Code_calc was drawn. Currently, can only be 'LOINC'. | 'LOINC' | <ul style="list-style-type: none"> • Must be 'LOINC' or empty |
| Code_calc | Categorical | | A LOINC code. | Valid LOINC code only | <ul style="list-style-type: none"> • Populated by the CPCSSN lab coding algorithm • All LOINC codes, including for the 53 CPCSSN lab tests, are drawn from the LOINC data set |
| TestResult_calc | Open text | | TestResult_orig converted into the standard units used for the 50 CPCSSN lab tests or standardised text. | | <ul style="list-style-type: none"> • Populated by the CPCSSN lab test cleaning algorithm, and only applied to the 53 CPCSSN lab tests |

| | | | | | |
|---------------------------|-------------|------------|---|---|--|
| | | | | | <ul style="list-style-type: none"> • There are both numeric and text lab results • Numeric lab results may include comparison operators (<, <=, >, >=) |
| NormalRange_calc | Text | | A standardised form of the range of values that constitute 'normal' for a given lab test. | <p>Can be</p> <ul style="list-style-type: none"> • a range, • a comparison operation, or • standardised text. <p>Allowed values for the standardised text are:</p> <ul style="list-style-type: none"> • Negative • Positive • Clear/Yellow • Clear • Yellow • Straw or Amber • Non-reactive | <ul style="list-style-type: none"> • Examples <ul style="list-style-type: none"> • Range: 1-20 • Comparison: >60, <=90 • Standard text: 'Clear', 'Yellow' |
| UnitOfMeasure_calc | Categorical | | The standardised unit of measure for the 53 CPCSSN lab tests. | | <ul style="list-style-type: none"> • Populated by the CPCSSN lab test cleaning algorithm, and only applied to the 53 CPCSSN lab tests |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> • If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: Medication

- Medications prescribed for the patient

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|----------------------|----------------------|-----------------|--|---|--|
| Medication_ID | Medication Table Key | 15-16 digits | Unique integer identifying a medication record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> ● Allows this table to be linked to the patient table and all tables that contain the patient table key ● Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links a record in this table to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> ● Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID ● Only an Encounter_ID that exists in the Encounter table can be referenced here ● Multiple records in this table may be linked to a single Encounter record ● May be empty if the record cannot be linked to a specific encounter |
| StartDate | Date | yyyy-mm-dd | Date on which the medication was first prescribed. | 1902-01-01 to CutOffDate (see the Cycle table) | |
| StopDate | Date | yyyy-mm-dd | Date on which the patient stopped taking the medication. | 1902-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> ● If an allergy is inactive and StopDate cannot be found, Status field must still be set to 'Inactive' |
| DIN_calc | Categorical | 8 digits | Drug Identification Number for the medication. | 00000000 - 99999999 | <ul style="list-style-type: none"> ● DIN look-up and downloadable files can be found on Health Canada's Drug Product Database website |
| Name_calc | Categorical | | Standardised text description that accompanies the specific ATC code recorded in Code_calc. | Descriptions from Health Canada's Drug Product Database | <ul style="list-style-type: none"> ● Populated by the CPCSSN ATC coding algorithm, which uses the medication descriptions from Health Canada's Drug Product Database |

| | | | | | |
|----------------------------|-------------|------------|--|--|---|
| CodeType_calc | Categorical | | Code set from which the code in Code_calc was drawn. Currently, can only be 'ATC'. | ATC | <ul style="list-style-type: none"> • Must be 'ATC' or empty |
| Code_calc | Categorical | | An ATC code. | Valid ATC code only | <ul style="list-style-type: none"> • Populated by the CPCSSN ATC coding algorithm, which uses the ATC codes from Health Canada's Drug Product Database |
| DurationCount_calc | Integer | | The length of time for which the medication is to be given. | | <ul style="list-style-type: none"> • All duration count data are converted to days. |
| DurationUnit_calc | Categorical | | The CPCSSN standard unit of measure for how long the medication is to be given. | 'Day' | <ul style="list-style-type: none"> • Must be 'Day' or empty. |
| DispensedCount_calc | Integer | | The number of units of the medication that are dispensed. | | |
| DispensedForm_calc | Categorical | | The form of the medication that is dispensed converted to standardised text. | 'Bottle', 'Capsule', 'Container', 'Cream', 'Disk', 'Drops', 'Gel', 'Inhaler', 'Kit', 'Lotion', 'MDI', 'Ointment', 'Powder', 'Spray', 'Stick', 'Syringe', 'Tablet', 'Vial' | |
| RefillCount_calc | Integer | | The number of allowed refills for the given medication. | | <ul style="list-style-type: none"> • Must be in the range 0 < RefillCount <= 100 |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> • If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: Referral

- All referrals (to specialists, physiotherapy, etc.) made by their assigned provider or clinic
- Excludes referrals made by specialists

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|-------------------------|---------------------|-----------------|--|---|--|
| Referral_ID | Referral Table Key | 15-16 digits | Unique integer identifying a referral record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> ● Allows this table to be linked to the patient table and all tables that contain the patient table key ● Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links a record in this table to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> ● Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID ● Only an Encounter_ID that exists in the Encounter table can be referenced here ● Multiple records in this table may be linked to a single Encounter record ● May be empty if the record cannot be linked to a specific encounter |
| CompletedDate | Date | yyyy-mm-dd | Date of the patient's visit to the referred to provider's clinic. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> ● Is not the date on which the patient's provider created the referral or the referral letter was written |
| Name_calc | Categorical | | Standardised text description that accompanies the specific SNOMED-CT code recorded in ConceptCode_calc. | Name of a valid SNOMED-CT codes | <ul style="list-style-type: none"> ● Populated by the CPCSSN Referral Cleaning algorithm, which is based on SNOMED-CT coding |
| ConceptCode_calc | Integer | | SNOMED concept code. | Valid SNOMED-CT codes | <ul style="list-style-type: none"> ● Populated by the CPCSSN Referral Cleaning algorithm, which is based on SNOMED-CT coding |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> ● If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: RiskFactor

- Risk factors recorded for the patient
- CPCSSN currently codes for six risk factors

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|----------------------|----------------------|-----------------|--|---|--|
| RiskFactor_ID | RiskFactor Table Key | 15-16 digits | Unique integer identifying a risk factor record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> ● Allows this table to be linked to the patient table and all tables that contain the patient table key ● Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links a record in this table to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> ● Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID ● Only an Encounter_ID that exists in the Encounter table can be referenced here ● Multiple records in this table may be linked to a single Encounter record ● May be empty if the record cannot be linked to a specific encounter |
| StartDate | Date | yyyy-mm-dd | Date on which the risk factor began. | 1902-01-01 to CutOffDate (see the Cycle table) | |
| EndDate | Date | yyyy-mm-dd | Date on which the risk factor ended. | 1902-01-01 to CutOffDate (see the Cycle table) | |
| Name_calc | Categorical | | Standardised risk factor name coded from the text in Name_orig. | 'Alcohol', 'Diet', 'Exercise', 'Obesity', 'Psychosocial Stress', 'Smoking' | <ul style="list-style-type: none"> ● Populated by the CPCSSN RiskFactor name coding algorithm |
| Status_calc | Categorical | | Standardised risk factor status coded from the text in Name_orig. | 'Current', 'Never', | <ul style="list-style-type: none"> ● Populated by the CPCSSN RiskFactor status coding algorithm |

| | | | | | |
|--------------------|------|------------|-------------------------------|--|---|
| | | | | 'Not Current', 'Past' | <ul style="list-style-type: none"> 'Not Current' indicates that it is unclear whether the patient never had or does not currently have the risk factor (e.g., 'non-smoker' could indicate has stopped smoking or has never smoked) |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: Vaccine

- Vaccinations given (or attempted to be given) to the patient

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|----------------------|---------------------|-----------------|--|---|--|
| Vaccine_ID | Vaccine Table Key | 15-16 digits | Unique integer identifying a vaccine record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> ● Allows this table to be linked to the patient table and all tables that contain the patient table key ● Only a Patient_ID that exists in the Patient table can be referenced here |
| Encounter_ID | Encounter Table Key | 15 or 16-digits | Unique integer ID that links a record in this table to a specific Encounter record (i.e., to a single interaction with a primary care provider). | See Encounter table | <ul style="list-style-type: none"> ● Allows this table to be linked to the Encounter table and all other tables that include the Encounter_ID ● Only an Encounter_ID that exists in the Encounter table can be referenced here ● Multiple records in this table may be linked to a single Encounter record ● May be empty if the record cannot be linked to a specific encounter |
| GivenDate | Date | yyyy-mm-dd | Date of vaccine administration. | 1902-01-01 to CutOffDate (see the Cycle table) | |
| ExpiryDate | Date | yyyy-mm-dd | Vaccine expiry date. | 1902-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> ● The vaccine-batch expiry date, not the end-date of vaccine efficacy |
| Name_calc | Categorical | | Standardised text description that accompanies the specific ATC code recorded in Code_calc. | Descriptions from Health Canada's Drug Product Database | <ul style="list-style-type: none"> ● Populated by the CPCSSN ATC coding algorithm, which uses the medication descriptions from Health Canada's Drug Product Database |
| CodeType_calc | Categorical | | Code set from which the code in Code_calc was drawn. Currently, can only be 'ATC'. | ATC | <ul style="list-style-type: none"> ● Must be 'ATC' or empty |
| Code_calc | Categorical | | An ATC code. | Valid ATC code only | <ul style="list-style-type: none"> ● Populated by the CPCSSN ATC coding algorithm, which uses the ATC codes from Health Canada's Drug Product Database |

| | | | | | |
|--------------------|-------------|------------|--|--|---|
| DIN_calc | Categorical | 8 digits | Drug Identification Number for the medication. | 00000000 - 99999999 | <ul style="list-style-type: none"> • DIN look-up and downloadable files can be found on Health Canada's Drug Product Database website |
| NotGiven | Integer | | Whether or not the vaccine was administered. | 0 or 1 | <ul style="list-style-type: none"> • 'No' = 0 (vaccine administered) • 'Yes' = 1 (vaccine NOT administered) |
| DateCreated | Date | yyyy-mm-dd | EMR date stamp of the record. | 1980-01-01 to CutOffDate (see the Cycle table) | <ul style="list-style-type: none"> • If the date of record creation cannot be found within the EMR, the date on which the record was last modified may be used |

Table: AcuteDiseaseCase

- Patients who have been identified by the CPCSSN disease case detection algorithms as having one or more acute (i.e., episodic or time-limited) conditions.

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|----------------------------|-------------------|-----------------|---|--|---|
| AcuteDiseaseCase_ID | Disease Table Key | 15-16 digits | Unique integer identifying a disease record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Site_ID | Site Table Key | 15 or 16-digits | Unique integer assigned to each practice site by a regional practice-based research network. | See Site table | <ul style="list-style-type: none"> ● Allows this table to be linked to the Site table and all other tables that include the Site table key ● Only a Site_ID that exists in the Site table can be referenced here |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> ● Allows this table to be linked to the patient table and all tables that contain the patient table key ● Only a Patient_ID that exists in the Patient table can be referenced here |
| Disease | Categorical | | The disease name. | See the CPCSSN disease case documentation | |
| Version | Integer | | The version number for the disease case definition. | See the CPCSSN disease case documentation | |
| CaseStartDate | Date | yyyy-mm-dd | The date on which the first indication of condition, for a given case definition, appears in the CPCSSN record. | 1980-01-01 to CutOffDate (see the Cycle table) | |
| CaseEndDate | Date | yyyy-mm-dd | The date on which the condition has resolved. | 1980-01-01 to CutOffDate (see the Cycle table) | |

Table: ChronicDiseaseCase

- Patients who have been identified by the CPCSSN disease case detection algorithms as having one or more Chronic (i.e., patient has for all time) conditions

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|------------------------------|-------------------|-----------------|---|--|---|
| ChronicDiseaseCase_ID | Disease Table Key | 15-16 digits | Unique integer identifying a disease record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 14 | <ul style="list-style-type: none"> ● Allows this table to be linked to the Network table and all other tables that include the Network table key ● Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Site_ID | Site Table Key | 15 or 16-digits | Unique integer assigned to each practice site by a regional practice-based research network. | See Site table | <ul style="list-style-type: none"> ● Allows this table to be linked to the Site table and all other tables that include the Site table key ● Only a Site_ID that exists in the Site table can be referenced here |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> ● Allows this table to be linked to the patient table and all tables that contain the patient table key ● Only a Patient_ID that exists in the Patient table can be referenced here |
| Disease | Categorical | | The disease name. | See the CPCSSN disease case documentation | |
| Version | Integer | | The version number for the disease case definition. | See the CPCSSN disease case documentation | |
| DateCaseDetected | Date | yyyy-mm-dd | The date on which the first indication of disease, for a given case definition, appears in the CPCSSN record. | 1980-01-01 to CutOffDate (see the Cycle table) | |

Table: DiseaseCaseIndicator

- All indicators that a patient potentially has a specific condition from the CPCSSN disease case catalogue. Includes data for both acute and chronic conditions.

| Variable Name | Variable Type | Format | Definition | Allowed Values | Notes |
|-----------------------|-------------------|-----------------|--|--|---|
| Disease_ID | Disease Table Key | 15-16 digits | Unique integer identifying a disease record. | Positive Integers | |
| Network_ID | Network Table Key | 1 or 2-digits | Unique integer assigned to each regional practice-based research network within CPCSSN. | 1 - 13 | <ul style="list-style-type: none"> • Allows this table to be linked to the Network table and all other tables that include the Network table key • Refer to the Network table for the specific regional practice-based research network covered by a given Network_ID |
| Site_ID | Site Table Key | 15 or 16-digits | Unique integer assigned to each practice site by a regional practice-based research network. | See Site table | <ul style="list-style-type: none"> • Allows this table to be linked to the Site table and all other tables that include the Site table key • Only a Site_ID that exists in the Site table can be referenced here |
| Patient_ID | Patient Table Key | 15 or 16-digits | Unique and randomly assigned integer CPCSSN patient ID. | See Patient table | <ul style="list-style-type: none"> • Allows this table to be linked to the patient table and all tables that contain the patient table key • Only a Patient_ID that exists in the Patient table can be referenced here |
| Disease | Categorical | | The disease name. | See the CPCSSN disease case documentation | |
| Version | Integer | | The version number for the disease case definition. | See the CPCSSN disease case documentation | |
| IndicatorType | Categorical | | CPCSSN table name in which the indicator was found, or for lab indicators, LOINC code of the indicator. | CPCSSN table names, LOINCS of labs coded by CPCSSN | <ul style="list-style-type: none"> • e.g., HealthCondition, Medication, '17856-6' (HbA1C lab) |
| IndicatorValue | Open text | | Data value from the CPCSSN table holding the record for this disease indicator. Typically an ICD-9 code, ATC code, or lab value. | | <ul style="list-style-type: none"> • e.g., '250.01', 'A10AB02', '>60' |
| TableName | Categorical | | Name of the CPCSSN table holding the record for this disease indicator. | CPCSSN table name | |
| TableKey | Categorical | | Primary key of the CPCSSN table holding the record for this disease indicator. | Valid table key for the CPCSSN table | |

| | | | | | |
|----------------------|-------------|------------|---|--|---|
| DateCreated | Date | yyyy-mm-dd | DateCreated from the CPCSSN table holding the record for this disease indicator. | 1980-01-01 to CutOffDate (see the Cycle table) | |
| ExcludeFlag | Categorical | | Flag for whether or not the indicator was excluded as a potential indicator of disease. | 0 or 1 | <ul style="list-style-type: none"> • Indicator valid = 0 • Indicator excluded = 1 |
| ExcludeReason | Categorical | | Reason that the indicator was excluded as a potential indicator of disease. | | <ul style="list-style-type: none"> • Empty if ExcludeFlag is empty |