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# Massachusetts Acute Care Hospital Emergency Department Data – Quarterly Update

October 2018 through June 2024 (Preliminary)

November 2024

Technical Appendix



## Massachusetts Acute Care Hospital Emergency Department Data (Quarterly Update):

### October 2018 through June 2024 (Preliminary)

#### **TECHNICAL APPENDIX**

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#### Introduction

This technical appendix provides details on the methodology used for the dashboard *Massachusetts Acute Care Hospital Emergency Department Data (Quarterly Update): October 2019 through June 2024 (Preliminary)* released by the Massachusetts Center for Health Information and Analysis (CHIA) in November 2024. This appendix describes the main characteristics of Massachusetts emergency departments as well as details on several of the calculated measures, data categorizations, and groupings used in the report.

#### **Data Source**

For this report, the Emergency Department Database (EDD) of CHIA's Acute Hospital Case Mix Databases (Case Mix) was used as the source data. The EDD is a visit-level file including patient socio-demographics, diagnostic information, treatment and service information, and hospital charges. The EDD consists of all treat-and-release ED visits, or visits resulting in neither an inpatient admission nor an observation stay, at all acute care hospitals in the Commonwealth. This includes freestanding EDs associated with an acute care hospital. For general information about CHIA's Case Mix Data, including the EDD and other Case Mix databases, please see the Overview of the Massachusetts Acute Hospital Case Mix Databases and additional information about the Case Mix data on CHIA's website.

There were 55 emergency departments reported on between FFY 2020–Q3 of FFY 2024. Closures during this period included:

- Steward Norwood Hospital (Org Id 41) temporarily closed on June 29, 2020 due to flooding. EDD was not reported for FFY21.
- Leonard Morse Hospital (Org Id 457), a campus of MetroWest Medical Center, closed their Emergency Department on October 25, 2020. EDD was only reported for Q1 of FFY 2021.
- Baystate Mary Lane Outpatient Center and Satellite Emergency facility (Org Id 6) permanently closed on June 3, 2021. Services were consolidated to Baystate Wing Hospital (Org Id 139). EDD was only reported for the first three guarters of FFY 2021.
- Cambridge Health Alliance closed their Emergency Department at Somerville Hospital (Org Id 143) on April 30, 2020. EDD was not reported for FFY 2021.
- Signature Healthcare Brockton Hospital (Org Id 25) closed on February 27, 2023, due to a nine-alarm fire. EDD was not reported for March FFY 2023.

Interim EDD data for Quarter 3 of Federal Fiscal Year (FFY) 2024 (April to June 2024) were used in this quarterly update, which means the processing, verification and cleaning that occurs at CHIA is not final; hence the data are considered preliminary. Future updates to the Case Mix Data may result in slightly different estimates than are presented here as more complete data are made available.

#### **Hospital Characteristics**

For this report, all ED visits, including those at freestanding EDs, are classified by the hospital characteristics of their associated acute care hospital.

#### **Hospital Cohort**

Hospitals are assigned to one of five mutually exclusive groups of similar hospitals: academic medical centers (AMCs), teaching hospitals, community-High Public Payer (HPP) hospitals, other community hospitals, and specialty hospitals.

- AMCs are characterized by extensive research and teaching programs, comprehensive resources for tertiary and quaternary care, being principal teaching hospitals for their respective medical schools, and being full-service hospitals with case mix intensity greater than 5% above the statewide average.
- Teaching hospitals are hospitals that report at least 25 full-time equivalent medical school residents per one hundred inpatient beds in accordance with the Medicare Payment Advisory Commission (MedPAC) and are not classified as AMCs.
- Community-High Public Payer (HPP) hospitals are hospitals that do not meet the MedPAC definition to be classified as teaching hospitals and have 63% or greater of Gross Patient Service Revenue (GPSR) attributable to Medicare, MassHealth, and other government payers, including the Health Safety Net.
- Community hospitals are hospitals that do not meet the MedPAC definition to be classified as teaching hospitals and have a public payer mix of less than 63%.
- Specialty hospitals are hospitals that serve unique patient populations or provide unique sets of services.

#### **High Public Payer Status**

A hospital is classified as High Public Payer (HPP) if 63% or greater of its GPSR come from public or government payers such as Medicare, MassHealth, or other government payers, as determined by the Executive Office of Health and Human Services (EOHHS) based on the hospital's Massachusetts Hospital Cost Report. Not all hospitals defined as HPP are Community-HPP; some non-Community hospitals are classified as HPP, but this distinction is not made in the cohort classification.

#### Trauma Level

ED visits were categorized by hospital trauma designation approved by the Massachusetts Department of Public Health (DPH) and verified by the American College of Surgeons (ACS).[1] Trauma designations for hospitals in this report included level I (highest), level II, and level III. Visits to hospitals without a trauma designation were grouped as "non-trauma". Some hospitals have separate adult and pediatric trauma designations; ED visits for these hospitals were classified using the age-appropriate trauma designation level based on patient age on the date of arrival at the ED. In 2024, there were 8 adult and 4 pediatric trauma level I designated hospitals, 1 adult and 2 pediatric level II trauma designated hospitals, and 7 adult and 0 pediatric level III trauma designated hospitals.

#### **Calculated Measures**

#### Age

Patient age in years was calculated from the date of the emergency department (ED) visit arrival and the patient's date of birth. Visits were suppressed from the report for all analyses using patient age if the date of birth was missing or invalid, or if the calculated age exceeded 115 years. The number of visits missing age data was 261 in FFY 2019, 347 in FFY 2020, 293 in FFY 2021, 396 in FFY 2022, 336 in FFY 2023, 83 in Q1 of FFY 2024, 74 in Q2 of FFY 2024 and 65 in Q3 of FFY 2024.

#### **Length of Stay**

Length of stay (LOS) was calculated by subtracting the arrival date and time from the departure date and time and is reported in hours. Average length of stay (ALOS) is an aggregate measure of the mean LOS within a certain category or group.

Five outlier months were removed when calculating the length of stay including April 2019 at Tufts Medical Center, March 2020 at Brigham and Women's Hospital, January 2022 at Sturdy Memorial Hospital, May 2023 at Metrowest Hospital, and May 2023 at Saint Vincent's Hospital. The number of visits with missing length of stay due to missing date and/or time of arrival or departure, or invalid data, was 51 in FFY 2019, 37 in FFY 2020, 138 in FFY 2021, 111 in FFY 2022, 142 in FFY 2023.21 in Q1 of 2024, 35 in Q2 of 2024, and 57 in Q3 of 2024. Exclusions due to invalid data included:

- Twelve hospital-quarters with 90% or more departure times equal to zero
- Twenty-four hospital-quarters with 100% of visits with arrival time exactly equal to departure time

#### **Excess Length of Stay**

Excess length of stay (ELOS) is a measure designed in consultation with clinicians to capture prolonged stays in the ED and is defined as any visit that had a length of stay exceeding four, six, and twelve hours for non-behavioral health diagnosis and length of stay exceeding twelve, and twenty four hours for behavioral health diagnosis from the time of registration .Excess LOS was calculated by subtracting 4, 6, 12, or 24 from the calculated LOS; visits with a remaining LOS greater than 0 were considered to have ELOS. Visits with missing LOS were also missing ELOS.

#### **Data Categorizations and Groupings**

#### Sex

The number of visits with missing or unknown sex in was 150 in FFY 2019, 102 in FFY 2020, 180 in FFY 2021, 298 in FFY 2022, 415 in FFY 2023, 98 in Q1 of 2024, 137 in Q2 of 2024, and 140 in Q3 of 2024.

#### Race/Ethnicity

Patient race and ethnicity were classified using a hierarchal grouping based on information entered by the facility. First, any patients of Hispanic/Latino/Spanish culture or origin regardless of race were classified as Hispanic of Any Race. Next, patients with valid primary race variables who were not of multiple races were classified as non-Hispanic

White, non-Hispanic Black, non-Hispanic Asian, non-Hispanic American Indian/Alaska Native, or non-Hispanic Native Hawaiian/Other Pacific Islander. Patients classified as Other Race or who had more than one race indicated were classified as non-Hispanic Other or Multiple Races. Due to small population sizes, non-Hispanic American Indian/Alaska Native and non-Hispanic Native Hawaiian/Other Pacific Islander are reported together with Other and Multiple Races in the Tableau workbook, but these groups are reported separately in the databook for all analyses except for those in the COVID-19 section. Visits that could not be classified into any of the above groups due to missing or invalid race/ethnicity information were reported as Missing.

#### **Payer Type**

Case Mix payer type categories were assigned to one of the following:

- Medicare: Fee-for-service Medicare or managed care Medicare
- Medicaid: MassHealth, including Medicaid managed care, or Commonwealth Care
- Commercial: Blue Cross and Blue Shield Managed Care, Commercial Insurance and Commercial Managed Care, HMO, PPO/Other managed care plans not elsewhere classified, point-of-service plans, exclusive provider organizations, or other non-managed care plans
- Other: Worker's Compensation, Other Government Payment, Auto Insurance, or Dental Plans
- Self-Pay: Self-Pay, Free Care, or Health Safety Net

For preliminary data (FFY2024) only, payer type is the expected primary payer on the discharge as reported by the hospital. For final data through FFY2023, payer type data provided by the hospital was enhanced through linkage to enrollment data in the Massachusetts All-Payer Claims Database and the Research Data Assistance Center's (ResDAC) Medicare fee-for-service beneficiary data. Payer type is considered enhanced in cases where patient information from the visit provided by the hospital linked to enrollment data available from other sources. If no linkage could be made, then payer information associated with the visit provided in Case Mix was used to assign payer type.

The number of visits with missing expected primary payer type was 237 in FFY 2019, 459 in FFY 2020, 889 in FFY 2021, 943 in FFY 2022, 1,053 in FFY 2023, 229 in Q1 of FFY 2024, 225 in Q2 of FFY 2024, and 657 in Q3 of FFY 2024.

#### Clinical Classifications Software Refined (CCSR) for ICD-10-CM Diagnoses [2]

The CCSR for ICD-10-CM diagnoses was developed by the Agency for Healthcare Research and Quality (AHRQ) and aggregates over 70,000 ICD-10-CM diagnosis codes into over 530 clinically meaningful categories, organized across 21 body systems. For this analysis, visits were classified into mutually exclusive categories based on the default outpatient CCSR category for the listed principal ICD-10-CM diagnosis code. This update used CCSR v. 2023.1. In the section Diagnoses, estimates among the top 15 most common CCSR categories are presented.

#### **Behavioral Health**

For this analysis, visits were categorized into clinical meaningful independent behavioral health categories based on the listed principal diagnosis code using the CCSR categories for ICD-10-CM diagnoses defined by AHRQ as related to mental and behavioral disorders [1]. A visit may be associated with more than one behavioral health category because ICD-10-CM diagnoses may be associated with more than one CCSR category. Behavioral health conditions are classified as mental health or substance use based on the conditions and CCSR categories below:

**Table 3. CCSR Categories Associated with Behavioral Health** 

| OVERALL CATEGORY | DIAGNOSIS CATEGORY   | CCSR CATEGORIES              | CCSR DESCRIPTION   |
|------------------|--|------------------------------|--|
| Mental Health    |  | MBD002                       | Depressive disorders   |
|                  |  | MBD003                       | Bipolar and related disorders                                  |
|                  | Mood disorders   | MBD004                       | Other specified and unspecified mood disorders                 |
|                  |  | MBD005                       | Anxiety and fear-related disorders                             |
|                  | Anxiety disorders  | MBD006                       | Obsessive-compulsive and related disorders                     |
|                  | Trauma disorders   | MBD007                       | Trauma and stressor-related disorders                          |
|                  |  | MBD012                       | Suicidal ideation, attempt, and intentional self-harm          |
|                  | Intentional self-harm, suicidal ideation, and suicide attempts | MBD027                       | Suicide attempt or intentional self-harm, subsequent encounter |
|                  | Schizophrenia and other psychotic disorders                    | MBD001                       | Schizophrenia and other psychotic disorders                    |
|                  | Personality disorders  | MBD009                       | Personality disorders  |
|                  | Impulse control disorders not elsewhere classified             | MBD008                       | Disruptive, impulse-control and conduct disorders              |
|                  |  | MBD010                       | Feeding and eating disorders                                   |
|                  |  | MBD011                       | Somatic disorders  |
|                  | Miscellaneous mental health conditions                         | MBD013                       | Miscellaneous mental and behavioral disorders and conditions   |
| Substance Use    | Alcohol-related disorders                                      | MBD017                       | Alcohol-related disorders                                      |
|                  |  | MBD019                       | Cannabis-related disorders                                     |
|                  | Cannabis-related disorders                                     | MBD030                       | Cannabis-related disorders, subsequent encounter               |
|                  |  | MBD018                       | Opioid-related disorders                                       |
|                  | Opioids-related disorders                                      | MBD028                       | Opioid-related disorders, subsequent encounter                 |
|                  |  | MBD021*                      | Stimulant-related disorders                                    |
|                  |  | MBD029*                      | Stimulant-related disorders, subsequent encounter              |
|                  | Cocaine-related disorders                                      | *Only including those relate | ed to cocaine  |
|                  | Sedatives-related disorders                                    | MDB020                       | Sedative-related disorders                                     |

|   | MBD032                          | Sedative-related disorders,                      |
|---|---------------------------------|--|
|   |                                 | subsequent encounter                             |
|   | MBD021*                         | Stimulant-related disorders                      |
|   | MBD029*                         | Stimulant-related disorders,                     |
| Other Stimulant-related                       |                                 | subsequent encounter                             |
| disorders                                     | *Except those related to cocain | ne   |
|   | MBD022                          | Hallucinogen-related                             |
|   |                                 | disorders  |
|   | MBD031                          | Hallucinogen-related                             |
| Hallucinogens-related                         |                                 | disorders; subsequent                            |
| disorders                                     |                                 | encounter  |
|   | MBD023                          | Inhalant-related disorders                       |
|   | MDD005                          |  |
|   | MBD025                          | Other specified substance-<br>related disorders  |
| Miscellaneous substance-<br>related disorders | MBD033                          | Inhalant-related disorders, subsequent encounter |

Additionally, ICD-10-CM diagnoses in CCSR categories MBD026 (Mental and substance use disorders in remission) and MBD034 (Mental and substance use disorders; sequela) were manually associated with the diagnosis categories listed above. See Appendix A for a complete list of behavioral health ICD-10-CM codes and their classifications. Based on the behavioral health diagnosis categories, visits were aggregated into larger categories representing whether the principal diagnosis was associated with any behavioral health condition (that is, either a mental health condition or substance use disorder), and for behavioral health diagnoses, whether the visit was associated with a mental health condition or a substance use disorder. Principal diagnoses were classified as either mental health or substance use disorders; as such, the categories for Any Mental Health Condition and Any Substance Use Disorder are mutually exclusive.

For this analysis, behavioral health categories were also analyzed by age group, and only visits among patients aged 2 years and older were included. Some mental health and substance use categories had fewer than 11 discharges for some quarters. These were suppressed for privacy reasons. They include:

- Pediatric (Age 2-17)
  - Mental health conditions Personality disorders (All quarters)
  - Substance Use Disorders Opioids, Cocaine, Sedatives, and Stimulants (All quarters)

#### COVID-19

A visit was classified as being associated with COVID-19 if it had a principal ICD-10-CM diagnosis indicating confirmed or suspected COVID-19 and a date of arrival on or after April 1, 2020. Starting with visits dated on or after January 1, 2021, additional ICD-10-CM codes were added related to COVID-19, including J12.82 (Pneumonia due to coronavirus disease 2019). Starting October 1, 2022, the ICD-10-CM code U09.9 for Post-COVID condition, often referred to as "Long COVID," was added as a code for clinical use.

#### **DESCRIPTION**

| ICD-10 CODE |   |
|-------------|---|
| U07.1       | COVID-19, virus identified (laboratory confirmed)     |
| U07.2       | COVID-19, virus not identified (clinically diagnosed) |
| J12.82      | Pneumonia due to coronavirus disease 2019             |
| U09.9       | Post-COVID condition                                  |

For the section focused on COVID-19, the proportions of visits associated with and without COVID-19 are presented by expected primary payer type, age group, sex, and race and ethnicity.

#### **Utilization by ZIP Code**

The utilization map shows hospital inpatient discharges by ZIP code for FFY 2021 and FFY 2022. The total number of discharges and rates per 100 residents are displayed using deciles, showing the distribution of discharges in ten bins. Total discharges were determined using patient ZIP code. The population per ZIP code was determined using 2021 5-year American Community Survey (ACS) estimates.[4] The rate per 100 residents was calculated using the total discharges divided by the population of the ZIP code. The map legend shows the range within each decile bin (i.e., the minimum and maximum for each bin). Any ZIP code with fewer than 11 discharges and/or residents was excluded from the map.

#### **Total Acute Care Hospital Volume**

The total volume section shows the total volume of Massachusetts acute care hospitals by case mix categorization. CHIA's case mix databases capture all acute care hospital visits and discharges in the state. Discharges/visits are categorized by inpatient stay, outpatient observation, and emergency department (ED) treat and release. If any visit results in a treat-and-release emergency department visit, then it is grouped into the Emergency Discharge Database (EDD).

#### **Notes**

[1] Clinical Classifications Software Refined (CCSR) for ICD-10-CM. October 2022. Healthcare Cost and Utilization Project (HCUP). Agency for Healthcare Research and Quality, Rockville, MD. Available from https://www.hcup-us.ahrq.gov/toolssoftware/ccsr/dxccsr.jsp

[2] American Community Survey (ACS) -- 2021: ACS 5-Year Estimates Detailed Tables. December 2022. United States Census Bureau, Suitland, MD. Available from

https://data.census.gov/table?q=massachusetts+population&g=040XX00US25\$8600000&tid=ACSDT5Y2021.B0100 3.

#### Appendix A. CCSR Category MBD026 and MBD034 Behavioral Health Classification

| CCSR<br>CATEGORY | ICD-10 CODE | ICD-10 CODE DESCRIPTION                                   | OVERALL<br>BH<br>CATEGORY | BH DIAGNOSIS CATEGORY |
|------------------|-------------|---|---------------------------|-----------------------|
| MBD026           | F1011       | Alcohol abuse, in remission                               | Substance<br>Use          | Alcohol               |
| MBD026           | F1021       | Alcohol dependence, in remission                          | Substance<br>Use          | Alcohol               |
| MBD026           | F1111       | Opioid abuse, in remission                                | Substance<br>Use          | Opioids               |
| MBD026           | F1121       | Opioid dependence, in remission                           | Substance<br>Use          | Opioids               |
| MBD026           | F1211       | Cannabis abuse, in remission                              | Substance<br>Use          | Cannabis              |
| MBD026           | F1221       | Cannabis dependence, in remission                         | Substance<br>Use          | Cannabis              |
| MBD026           | F1311       | Sedative, hypnotic or anxiolytic abuse, in remission      | Substance<br>Use          | Sedatives             |
| MBD026           | F1321       | Sedative, hypnotic or anxiolytic dependence, in remission | Substance<br>Use          | Sedatives             |
| MBD026           | F1411       | Cocaine abuse, in remission                               | Substance<br>Use          | Cocaine               |
| MBD026           | F1421       | Cocaine dependence, in remission                          | Substance<br>Use          | Cocaine               |
| MBD026           | F1511       | Other stimulant abuse, in remission                       | Substance<br>Use          | Stimulants            |
| MBD026           | F1521       | Other stimulant dependence, in remission                  | Substance<br>Use          | Stimulants            |
| MBD026           | F1611       | Hallucinogen abuse, in remission                          | Substance<br>Use          | Hallucinogens         |
| MBD026           | F1621       | Hallucinogen dependence, in remission                     | Substance<br>Use          | Hallucinogens         |
| MBD026           | F1811       | Inhalant abuse, in remission                              | Substance<br>Use          | Other Substance Use   |
| MBD026           | F1821       | Inhalant dependence, in remission                         | Substance<br>Use          | Other Substance Use   |

| MBD026 | F1911   | Other psychoactive substance abuse, in remission  | Substance<br>Use | Other Substance Use         |
|--------|---------|---|------------------|-----------------------------|
| MBD026 | F1921   | Other psychoactive substance dependence, in remission   | Substance<br>Use | Other Substance Use         |
| MBD026 | F304    | Manic episode in full remission   | Mental<br>Health | Mood                        |
| MBD026 | F3170   | Bipolar disorder, currently in remission, most recent episode unspecified                     | Mental<br>Health | Mood                        |
| MBD026 | F3172   | Bipolar disorder, in full remission, most recent episode hypomanic                            | Mental<br>Health | Mood                        |
| MBD026 | F3174   | Bipolar disorder, in full remission, most recent episode manic                                | Mental<br>Health | Mood                        |
| MBD026 | F3176   | Bipolar disorder, in full remission, most recent episode depressed                            | Mental<br>Health | Mood                        |
| MBD026 | F3178   | Bipolar disorder, in full remission, most recent episode mixed                                | Mental<br>Health | Mood                        |
| MBD026 | F325    | Major depressive disorder, single episode, in full remission                                  | Mental<br>Health | Mood                        |
| MBD026 | F3340   | Major depressive disorder, recurrent, in remission, unspecified                               | Mental<br>Health | Mood                        |
| MBD026 | F3342   | Major depressive disorder, recurrent, in full remission                                       | Mental<br>Health | Mood                        |
| MBD034 | T1491XS | Suicide attempt, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T360X2S | Poisoning by penicillins, intentional self-<br>harm, sequela                                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T361X2S | Poisoning by cephalosporins and other beta-lactam antibiotics, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T362X2S | Poisoning by chloramphenicol group, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T363X2S | Poisoning by macrolides, intentional self-<br>harm, sequela                                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T364X2S | Poisoning by tetracyclines, intentional self-<br>harm, sequela                                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T365X2S | Poisoning by aminoglycosides, intentional self-harm, sequela                                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T366X2S | Poisoning by rifampicins, intentional self-<br>harm, sequela                                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T367X2S | Poisoning by antifungal antibiotics, systemically used, intentional self-harm, sequela        | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T368X2S | Poisoning by other systemic antibiotics, intentional self-harm, sequela                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T3692XS | Poisoning by unspecified systemic antibiotic, intentional self-harm, sequela                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T370X2S | Poisoning by sulfonamides, intentional self-<br>harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T371X2S | Poisoning by antimycobacterial drugs, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | T372X2S | Poisoning by antimalarials and drugs acting on other blood protozoa, intentional self-harm, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T373X2S | Poisoning by other antiprotozoal drugs, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T374X2S | Poisoning by anthelminthics, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T375X2S | Poisoning by antiviral drugs, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T378X2S | Poisoning by other specified systemic anti-<br>infectives and antiparasitics, intentional<br>self-harm, sequela         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T3792XS | Poisoning by unspecified systemic anti-<br>infective and antiparasitics, intentional self-<br>harm, sequela             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T380X2S | Poisoning by glucocorticoids and synthetic analogues, intentional self-harm, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T381X2S | Poisoning by thyroid hormones and substitutes, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T382X2S | Poisoning by antithyroid drugs, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T383X2S | Poisoning by insulin and oral hypoglycemic [antidiabetic] drugs, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T384X2S | Poisoning by oral contraceptives, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T385X2S | Poisoning by other estrogens and progestogens, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T386X2S | Poisoning by antigonadotrophins, antiestrogens, antiandrogens, not elsewhere classified, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T387X2S | Poisoning by androgens and anabolic congeners, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T38802S | Poisoning by unspecified hormones and synthetic substitutes, intentional self-harm, sequela                             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T38812S | Poisoning by anterior pituitary [adenohypophyseal] hormones, intentional self-harm, sequela                             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T38892S | Poisoning by other hormones and synthetic substitutes, intentional self-harm, sequela                                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T38902S | Poisoning by unspecified hormone antagonists, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T38992S | Poisoning by other hormone antagonists, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T39012S | Poisoning by aspirin, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T39092S | Poisoning by salicylates, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T391X2S | Poisoning by 4-Aminophenol derivatives, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T392X2S | Poisoning by pyrazolone derivatives, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T39312S | Poisoning by propionic acid derivatives, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T39392S | Poisoning by other nonsteroidal anti-<br>inflammatory drugs [NSAID], intentional<br>self-harm, sequela             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T394X2S | Poisoning by antirheumatics, not elsewhere classified, intentional self-harm, sequela                              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T398X2S | Poisoning by other nonopioid analgesics and antipyretics, not elsewhere classified, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T3992XS | Poisoning by unspecified nonopioid analgesic, antipyretic and antirheumatic, intentional self-harm, sequela        | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T400X1S | Poisoning by opium, accidental (unintentional), sequela  | Substance<br>Use | Opioids                     |
| MBD034 | T400X2S | Poisoning by opium, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T400X3S | Poisoning by opium, assault, sequela   | Substance<br>Use | Opioids                     |
| MBD034 | T400X4S | Poisoning by opium, undetermined, sequela  | Substance<br>Use | Opioids                     |
| MBD034 | T400X5S | Adverse effect of opium, sequela   | Substance<br>Use | Opioids                     |
| MBD034 | T401X1S | Poisoning by heroin, accidental (unintentional), sequela   | Substance<br>Use | Opioids                     |
| MBD034 | T401X2S | Poisoning by heroin, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T401X3S | Poisoning by heroin, assault, sequela  | Substance<br>Use | Opioids                     |
| MBD034 | T401X4S | Poisoning by heroin, undetermined, sequela   | Substance<br>Use | Opioids                     |
| MBD034 | T402X1S | Poisoning by other opioids, accidental (unintentional), sequela  | Substance<br>Use | Opioids                     |
| MBD034 | T402X2S | Poisoning by other opioids, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T402X3S | Poisoning by other opioids, assault, sequela   | Substance<br>Use | Opioids                     |
| MBD034 | T402X4S | Poisoning by other opioids, undetermined, sequela  | Substance<br>Use | Opioids                     |
| MBD034 | T402X5S | Adverse effect of other opioids, sequela   | Substance<br>Use | Opioids                     |
| MBD034 | T403X1S | Poisoning by methadone, accidental (unintentional), sequela  | Substance<br>Use | Opioids                     |

| MBD034 | T403X2S | Poisoning by methadone, intentional self-<br>harm, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T403X3S | Poisoning by methadone, assault, sequela                                       | Substance<br>Use | Opioids                     |
| MBD034 | T403X4S | Poisoning by methadone, undetermined, sequela                                  | Substance<br>Use | Opioids                     |
| MBD034 | T403X5S | Adverse effect of methadone, sequela   | Substance<br>Use | Opioids                     |
| MBD034 | T40411S | Poisoning by fentanyl or fentanyl analogs, accidental (unintentional), sequela | Substance<br>Use | Opioids                     |
| MBD034 | T40412S | Poisoning by fentanyl or fentanyl analogs, intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40413S | Poisoning by fentanyl or fentanyl analogs, assault, sequela                    | Substance<br>Use | Opioids                     |
| MBD034 | T40414S | Poisoning by fentanyl or fentanyl analogs, undetermined, sequela               | Substance<br>Use | Opioids                     |
| MBD034 | T40415S | Adverse effect of fentanyl or fentanyl analogs, sequela                        | Substance<br>Use | Opioids                     |
| MBD034 | T40421S | Poisoning by tramadol, accidental (unintentional), sequela                     | Substance<br>Use | Opioids                     |
| MBD034 | T40422S | Poisoning by tramadol, intentional self-<br>harm, sequela                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40423S | Poisoning by tramadol, assault, sequela  | Substance<br>Use | Opioids                     |
| MBD034 | T40424S | Poisoning by tramadol, undetermined, sequela                                   | Substance<br>Use | Opioids                     |
| MBD034 | T40425S | Adverse effect of tramadol, sequela  | Substance<br>Use | Opioids                     |
| MBD034 | T40491S | Poisoning by other synthetic narcotics, accidental (unintentional), sequela    | Substance<br>Use | Opioids                     |
| MBD034 | T40492S | Poisoning by other synthetic narcotics, intentional self-harm, sequela         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40493S | Poisoning by other synthetic narcotics, assault, sequela                       | Substance<br>Use | Opioids                     |
| MBD034 | T40494S | Poisoning by other synthetic narcotics, undetermined, sequela                  | Substance<br>Use | Opioids                     |
| MBD034 | T40495S | Adverse effect of other synthetic narcotics, sequela                           | Substance<br>Use | Opioids                     |
| MBD034 | T404X1S | Poisoning by other synthetic narcotics, accidental (unintentional), sequela    | Substance<br>Use | Opioids                     |
| MBD034 | T404X2S | Poisoning by other synthetic narcotics, intentional self-harm, sequela         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T404X3S | Poisoning by other synthetic narcotics, assault, sequela                       | Substance<br>Use | Opioids                     |
| MBD034 | T404X4S | Poisoning by other synthetic narcotics, undetermined, sequela                  | Substance<br>Use | Opioids                     |
| MBD034 | T404X5S | Adverse effect of other synthetic narcotics, sequela                           | Substance<br>Use | Opioids                     |

| MBD034 | T405X1S | Poisoning by cocaine, accidental (unintentional), sequela                | Substance<br>Use | Cocaine                     |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T405X2S | Poisoning by cocaine, intentional self-harm, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T405X3S | Poisoning by cocaine, assault, sequela                                   | Substance<br>Use | Cocaine                     |
| MBD034 | T405X4S | Poisoning by cocaine, undetermined, sequela                              | Substance<br>Use | Cocaine                     |
| MBD034 | T405X5S | Adverse effect of cocaine, sequela                                       | Substance<br>Use | Cocaine                     |
| MBD034 | T40601S | Poisoning by unspecified narcotics, accidental (unintentional), sequela  | Substance<br>Use | Opioids                     |
| MBD034 | T40602S | Poisoning by unspecified narcotics, intentional self-harm, sequela       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40603S | Poisoning by unspecified narcotics, assault, sequela                     | Substance<br>Use | Opioids                     |
| MBD034 | T40604S | Poisoning by unspecified narcotics, undetermined, sequela                | Substance<br>Use | Opioids                     |
| MBD034 | T40605S | Adverse effect of unspecified narcotics, sequela                         | Substance<br>Use | Opioids                     |
| MBD034 | T40691S | Poisoning by other narcotics, accidental (unintentional), sequela        | Substance<br>Use | Opioids                     |
| MBD034 | T40692S | Poisoning by other narcotics, intentional self-harm, sequela             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40693S | Poisoning by other narcotics, assault, sequela                           | Substance<br>Use | Opioids                     |
| MBD034 | T40694S | Poisoning by other narcotics, undetermined, sequela                      | Substance<br>Use | Opioids                     |
| MBD034 | T40695S | Adverse effect of other narcotics, sequela                               | Substance<br>Use | Opioids                     |
| MBD034 | T407X1S | Poisoning by cannabis (derivatives), accidental (unintentional), sequela | Substance<br>Use | Cannabis                    |
| MBD034 | T407X2S | Poisoning by cannabis (derivatives), intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T407X3S | Poisoning by cannabis (derivatives), assault, sequela                    | Substance<br>Use | Cannabis                    |
| MBD034 | T407X4S | Poisoning by cannabis (derivatives), undetermined, sequela               | Substance<br>Use | Cannabis                    |
| MBD034 | T407X5S | Adverse effect of cannabis (derivatives), sequela                        | Substance<br>Use | Cannabis                    |
| MBD034 | T40711S | Poisoning by cannabis, accidental (unintentional), sequela               | Substance<br>Use | Cannabis                    |
| MBD034 | T40712S | Poisoning by cannabis, intentional self-<br>harm, sequela                | Substance<br>Use | Cannabis                    |
| MBD034 | T40712S | Poisoning by cannabis, intentional self-<br>harm, sequela                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40713S | Poisoning by cannabis, assault, sequela                                  | Substance<br>Use | Cannabis                    |

| MBD034 | T40714S | Poisoning by cannabis, undetermined, sequela   | Substance<br>Use | Cannabis                    |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T40721S | Poisoning by synthetic cannabinoids, accidental (unintentional), sequela                       | Substance<br>Use | Cannabis                    |
| MBD034 | T40722S | Poisoning by synthetic cannabinoids, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40722S | Poisoning by synthetic cannabinoids, intentional self-harm, sequela                            | Substance<br>Use | Cannabis                    |
| MBD034 | T40723S | Poisoning by synthetic cannabinoids, assault, sequela  | Substance<br>Use | Cannabis                    |
| MBD034 | T40724S | Poisoning by synthetic cannabinoids, undetermined, sequela                                     | Substance<br>Use | Cannabis                    |
| MBD034 | T408X1S | Poisoning by lysergide [LSD], accidental (unintentional), sequela                              | Substance<br>Use | Hallucinogens               |
| MBD034 | T408X2S | Poisoning by lysergide [LSD], intentional self-harm, sequela                                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T408X3S | Poisoning by lysergide [LSD], assault, sequela   | Substance<br>Use | Hallucinogens               |
| MBD034 | T408X4S | Poisoning by lysergide [LSD], undetermined, sequela  | Substance<br>Use | Hallucinogens               |
| MBD034 | T40901S | Poisoning by unspecified psychodysleptics [hallucinogens], accidental (unintentional), sequela | Substance<br>Use | Hallucinogens               |
| MBD034 | T40902S | Poisoning by unspecified psychodysleptics [hallucinogens], intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40903S | Poisoning by unspecified psychodysleptics [hallucinogens], assault, sequela                    | Substance<br>Use | Hallucinogens               |
| MBD034 | T40904S | Poisoning by unspecified psychodysleptics [hallucinogens], undetermined, sequela               | Substance<br>Use | Hallucinogens               |
| MBD034 | T40905S | Adverse effect of unspecified psychodysleptics [hallucinogens], sequela                        | Substance<br>Use | Hallucinogens               |
| MBD034 | T40991S | Poisoning by other psychodysleptics [hallucinogens], accidental (unintentional), sequela       | Substance<br>Use | Hallucinogens               |
| MBD034 | T40992S | Poisoning by other psychodysleptics [hallucinogens], intentional self-harm, sequela            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T40993S | Poisoning by other psychodysleptics [hallucinogens], assault, sequela                          | Substance<br>Use | Hallucinogens               |
| MBD034 | T40994S | Poisoning by other psychodysleptics [hallucinogens], undetermined, sequela                     | Substance<br>Use | Hallucinogens               |
| MBD034 | T40995S | Adverse effect of other psychodysleptics [hallucinogens], sequela                              | Substance<br>Use | Hallucinogens               |
| MBD034 | T410X1S | Poisoning by inhaled anesthetics, accidental (unintentional), sequela                          | Substance<br>Use | Other Substance Use         |
| MBD034 | T410X2S | Poisoning by inhaled anesthetics, intentional self-harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T410X3S | Poisoning by inhaled anesthetics, assault, sequela  | Substance<br>Use | Other Substance Use         |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | T410X4S | Poisoning by inhaled anesthetics, undetermined, sequela   | Substance<br>Use | Other Substance Use         |
| MBD034 | T410X5S | Adverse effect of inhaled anesthetics, sequela  | Substance<br>Use | Other Substance Use         |
| MBD034 | T411X2S | Poisoning by intravenous anesthetics, intentional self-harm, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T41202S | Poisoning by unspecified general anesthetics, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T41292S | Poisoning by other general anesthetics, intentional self-harm, sequela                                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T413X2S | Poisoning by local anesthetics, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T4142XS | Poisoning by unspecified anesthetic, intentional self-harm, sequela                                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T415X2S | Poisoning by therapeutic gases, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T420X2S | Poisoning by hydantoin derivatives, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T422X2S | Poisoning by succinimides and oxazolidinediones, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T423X2S | Poisoning by barbiturates, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T424X2S | Poisoning by benzodiazepines, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T425X2S | Poisoning by mixed antiepileptics, intentional self-harm, sequela                                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T426X1S | Poisoning by other antiepileptic and sedative-hypnotic drugs, accidental (unintentional), sequela       | Substance<br>Use | Sedatives                   |
| MBD034 | T426X2S | Poisoning by other antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T426X3S | Poisoning by other antiepileptic and sedative-hypnotic drugs, assault, sequela                          | Substance<br>Use | Sedatives                   |
| MBD034 | T426X4S | Poisoning by other antiepileptic and sedative-hypnotic drugs, undetermined, sequela                     | Substance<br>Use | Sedatives                   |
| MBD034 | T426X5S | Adverse effect of other antiepileptic and sedative-hypnotic drugs, sequela                              | Substance<br>Use | Sedatives                   |
| MBD034 | T4271XS | Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, accidental (unintentional), sequela | Substance<br>Use | Sedatives                   |
| MBD034 | T4272XS | Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T4273XS | Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, assault, sequela                          | Substance<br>Use | Sedatives                   |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | T4274XS | Poisoning by unspecified antiepileptic and sedative-hypnotic drugs, undetermined, sequela                     | Substance<br>Use | Sedatives                   |
| MBD034 | T4275XS | Adverse effect of unspecified antiepileptic and sedative-hypnotic drugs, sequela                              | Substance<br>Use | Sedatives                   |
| MBD034 | T428X2S | Poisoning by antiparkinsonism drugs and other central muscle-tone depressants, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43012S | Poisoning by tricyclic antidepressants, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43022S | Poisoning by tetracyclic antidepressants, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T431X2S | Poisoning by monoamine-oxidase-inhibitor antidepressants, intentional self-harm, sequela                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43202S | Poisoning by unspecified antidepressants, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43205S | Adverse effect of unspecified antidepressants, sequela  | Substance<br>Use | Other Substance Use         |
| MBD034 | T43212S | Poisoning by selective serotonin and norepinephrine reuptake inhibitors, intentional self-harm, sequela       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43222S | Poisoning by selective serotonin reuptake inhibitors, intentional self-harm, sequela                          | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43292S | Poisoning by other antidepressants, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T433X2S | Poisoning by phenothiazine antipsychotics and neuroleptics, intentional self-harm, sequela                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T434X2S | Poisoning by butyrophenone and thiothixene neuroleptics, intentional self-harm, sequela                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43502S | Poisoning by unspecified antipsychotics and neuroleptics, intentional self-harm, sequela                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43592S | Poisoning by other antipsychotics and neuroleptics, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43601S | Poisoning by unspecified psychostimulants, accidental (unintentional), sequela                                | Substance<br>Use | Stimulants                  |
| MBD034 | T43602S | Poisoning by unspecified psychostimulants, intentional self-harm, sequela                                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43603S | Poisoning by unspecified psychostimulants, assault, sequela   | Substance<br>Use | Stimulants                  |
| MBD034 | T43604S | Poisoning by unspecified psychostimulants, undetermined, sequela  | Substance<br>Use | Stimulants                  |
| MBD034 | T43605S | Adverse effect of unspecified psychostimulants, sequela   | Substance<br>Use | Stimulants                  |

| MBD034 | T43611S | Poisoning by caffeine, accidental (unintentional), sequela               | Substance<br>Use | Stimulants                  |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T43612S | Poisoning by caffeine, intentional self-<br>harm, sequela                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43613S | Poisoning by caffeine, assault, sequela                                  | Substance<br>Use | Stimulants                  |
| MBD034 | T43614S | Poisoning by caffeine, undetermined, sequela                             | Substance<br>Use | Stimulants                  |
| MBD034 | T43615S | Adverse effect of caffeine, sequela                                      | Substance<br>Use | Stimulants                  |
| MBD034 | T43621S | Poisoning by amphetamines, accidental (unintentional), sequela           | Substance<br>Use | Stimulants                  |
| MBD034 | T43622S | Poisoning by amphetamines, intentional self-harm, sequela                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43623S | Poisoning by amphetamines, assault, sequela                              | Substance<br>Use | Stimulants                  |
| MBD034 | T43624S | Poisoning by amphetamines, undetermined, sequela                         | Substance<br>Use | Stimulants                  |
| MBD034 | T43625S | Adverse effect of amphetamines, sequela                                  | Substance<br>Use | Stimulants                  |
| MBD034 | T43631S | Poisoning by methylphenidate, accidental (unintentional), sequela        | Substance<br>Use | Stimulants                  |
| MBD034 | T43632S | Poisoning by methylphenidate, intentional self-harm, sequela             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43633S | Poisoning by methylphenidate, assault, sequela                           | Substance<br>Use | Stimulants                  |
| MBD034 | T43634S | Poisoning by methylphenidate, undetermined, sequela                      | Substance<br>Use | Stimulants                  |
| MBD034 | T43635S | Adverse effect of methylphenidate, sequela                               | Substance<br>Use | Stimulants                  |
| MBD034 | T43641S | Poisoning by ecstasy, accidental (unintentional), sequela                | Substance<br>Use | Stimulants                  |
| MBD034 | T43642S | Poisoning by ecstasy, intentional self-harm, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43643S | Poisoning by ecstasy, assault, sequela                                   | Substance<br>Use | Stimulants                  |
| MBD034 | T43644S | Poisoning by ecstasy, undetermined, sequela                              | Substance<br>Use | Stimulants                  |
| MBD034 | T43691S | Poisoning by other psychostimulants, accidental (unintentional), sequela | Substance<br>Use | Stimulants                  |
| MBD034 | T43692S | Poisoning by other psychostimulants, intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T43693S | Poisoning by other psychostimulants, assault, sequela                    | Substance<br>Use | Stimulants                  |
| MBD034 | T43694S | Poisoning by other psychostimulants, undetermined, sequela               | Substance<br>Use | Stimulants                  |
| MBD034 | T43695S | Adverse effect of other psychostimulants, sequela                        | Substance<br>Use | Stimulants                  |
| MBD034 | T438X2S | Poisoning by other psychotropic drugs, intentional self-harm, sequela    | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T4392XS | Poisoning by unspecified psychotropic drug, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | T440X2S | Poisoning by anticholinesterase agents, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T441X2S | Poisoning by other parasympathomimetics [cholinergics], intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T442X2S | Poisoning by ganglionic blocking drugs, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T443X2S | Poisoning by other parasympatholytics [anticholinergics and antimuscarinics] and spasmolytics, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T444X2S | Poisoning by predominantly alpha-<br>adrenoreceptor agonists, intentional self-<br>harm, sequela                              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T445X2S | Poisoning by predominantly beta-<br>adrenoreceptor agonists, intentional self-<br>harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T446X2S | Poisoning by alpha-adrenoreceptor antagonists, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T447X2S | Poisoning by beta-adrenoreceptor antagonists, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T448X2S | Poisoning by centrally-acting and adrenergic-neuron-blocking agents, intentional self-harm, sequela                           | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T44902S | Poisoning by unspecified drugs primarily affecting the autonomic nervous system, intentional self-harm, sequela               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T44992S | Poisoning by other drug primarily affecting the autonomic nervous system, intentional self-harm, sequela                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T450X2S | Poisoning by antiallergic and antiemetic drugs, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T451X2S | Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, sequela                                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T452X2S | Poisoning by vitamins, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T453X2S | Poisoning by enzymes, intentional self-<br>harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T454X2S | Poisoning by iron and its compounds, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T45512S | Poisoning by anticoagulants, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T45522S | Poisoning by antithrombotic drugs, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T45602S | Poisoning by unspecified fibrinolysis-<br>affecting drugs, intentional self-harm,<br>sequela                                  | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T45612S | Poisoning by thrombolytic drug, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | T45622S | Poisoning by hemostatic drug, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T45692S | Poisoning by other fibrinolysis-affecting drugs, intentional self-harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T457X2S | Poisoning by anticoagulant antagonists, vitamin K and other coagulants, intentional self-harm, sequela        | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T458X2S | Poisoning by other primarily systemic and hematological agents, intentional self-harm, sequela                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T4592XS | Poisoning by unspecified primarily systemic and hematological agent, intentional self-harm, sequela           | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T460X2S | Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, sequela         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T461X2S | Poisoning by calcium-channel blockers, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T462X2S | Poisoning by other antidysrhythmic drugs, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T463X2S | Poisoning by coronary vasodilators, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T464X2S | Poisoning by angiotensin-converting-<br>enzyme inhibitors, intentional self-harm,<br>sequela                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T465X2S | Poisoning by other antihypertensive drugs, intentional self-harm, sequela                                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T466X2S | Poisoning by antihyperlipidemic and antiarteriosclerotic drugs, intentional self-harm, sequela                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T467X2S | Poisoning by peripheral vasodilators, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T468X2S | Poisoning by antivaricose drugs, including sclerosing agents, intentional self-harm, sequela                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T46902S | Poisoning by unspecified agents primarily affecting the cardiovascular system, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T46992S | Poisoning by other agents primarily affecting the cardiovascular system, intentional self-harm, sequela       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T470X2S | Poisoning by histamine H2-receptor blockers, intentional self-harm, sequela                                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T471X2S | Poisoning by other antacids and antigastric-secretion drugs, intentional self-harm, sequela                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T472X2S | Poisoning by stimulant laxatives, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T473X2S | Poisoning by saline and osmotic laxatives, intentional self-harm, sequela                                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | T474X2S | Poisoning by other laxatives, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T475X2S | Poisoning by digestants, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T476X2S | Poisoning by antidiarrheal drugs, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T477X2S | Poisoning by emetics, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T478X2S | Poisoning by other agents primarily affecting gastrointestinal system, intentional self-harm, sequela           | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T4792XS | Poisoning by unspecified agents primarily affecting the gastrointestinal system, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T480X2S | Poisoning by oxytocic drugs, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T481X2S | Poisoning by skeletal muscle relaxants [neuromuscular blocking agents], intentional self-harm, sequela          | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T48202S | Poisoning by unspecified drugs acting on muscles, intentional self-harm, sequela                                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T48292S | Poisoning by other drugs acting on muscles, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T483X2S | Poisoning by antitussives, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T484X2S | Poisoning by expectorants, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T485X2S | Poisoning by other anti-common-cold drugs, intentional self-harm, sequela                                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T486X2S | Poisoning by antiasthmatics, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T48902S | Poisoning by unspecified agents primarily acting on the respiratory system, intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T48992S | Poisoning by other agents primarily acting on the respiratory system, intentional self-harm, sequela            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T490X2S | Poisoning by local antifungal, anti-infective and anti-inflammatory drugs, intentional self-harm, sequela       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T491X2S | Poisoning by antipruritics, intentional self-<br>harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T492X2S | Poisoning by local astringents and local detergents, intentional self-harm, sequela                             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T493X2S | Poisoning by emollients, demulcents and protectants, intentional self-harm, sequela                             | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T494X2S | Poisoning by keratolytics, keratoplastics, and other hair treatment drugs and preparations, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T495X2S | Poisoning by ophthalmological drugs and preparations, intentional self-harm, sequela                                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T496X2S | Poisoning by otorhinolaryngological drugs and preparations, intentional self-harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T497X2S | Poisoning by dental drugs, topically applied, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T498X2S | Poisoning by other topical agents, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T4992XS | Poisoning by unspecified topical agent, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T500X2S | Poisoning by mineralocorticoids and their antagonists, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T501X2S | Poisoning by loop [high-ceiling] diuretics, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T502X2S | Poisoning by carbonic-anhydrase inhibitors, benzothiadiazides and other diuretics, intentional self-harm, sequela          | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T503X2S | Poisoning by electrolytic, caloric and water-<br>balance agents, intentional self-harm,<br>sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T504X2S | Poisoning by drugs affecting uric acid metabolism, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T505X2S | Poisoning by appetite depressants, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T506X2S | Poisoning by antidotes and chelating agents, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T507X2S | Poisoning by analeptics and opioid receptor antagonists, intentional self-harm, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T508X2S | Poisoning by diagnostic agents, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T50902S | Poisoning by unspecified drugs,<br>medicaments and biological substances,<br>intentional self-harm, sequela                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T50912S | Poisoning by multiple unspecified drugs, medicaments and biological substances, intentional self-harm, sequela             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T50992S | Poisoning by other drugs, medicaments and biological substances, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T50A12S | Poisoning by pertussis vaccine, including combinations with a pertussis component, intentional self-harm, sequela          | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T50A22S | Poisoning by mixed bacterial vaccines without a pertussis component, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | T50A92S | Poisoning by other bacterial vaccines, intentional self-harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T50B12S | Poisoning by smallpox vaccines, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T50B92S | Poisoning by other viral vaccines, intentional self-harm, sequela                                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T50Z12S | Poisoning by immunoglobulin, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T50Z92S | Poisoning by other vaccines and biological substances, intentional self-harm, sequela               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T510X2S | Toxic effect of ethanol, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T511X2S | Toxic effect of methanol, intentional self-<br>harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T512X2S | Toxic effect of 2-Propanol, intentional self-<br>harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T513X2S | Toxic effect of fusel oil, intentional self-<br>harm, sequela                                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T518X2S | Toxic effect of other alcohols, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T5192XS | Toxic effect of unspecified alcohol, intentional self-harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T520X2S | Toxic effect of petroleum products, intentional self-harm, sequela                                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T521X2S | Toxic effect of benzene, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T522X2S | Toxic effect of homologues of benzene, intentional self-harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T523X2S | Toxic effect of glycols, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T524X2S | Toxic effect of ketones, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T528X2S | Toxic effect of other organic solvents, intentional self-harm, sequela                              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T5292XS | Toxic effect of unspecified organic solvent, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T530X2S | Toxic effect of carbon tetrachloride, intentional self-harm, sequela                                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T531X2S | Toxic effect of chloroform, intentional self-<br>harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T532X2S | Toxic effect of trichloroethylene, intentional self-harm, sequela                                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T533X2S | Toxic effect of tetrachloroethylene, intentional self-harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T534X2S | Toxic effect of dichloromethane, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T535X2S | Toxic effect of chlorofluorocarbons, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T536X2S | Toxic effect of other halogen derivatives of aliphatic hydrocarbons, intentional self-harm, sequela                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T537X2S | Toxic effect of other halogen derivatives of aromatic hydrocarbons, intentional self-harm, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T5392XS | Toxic effect of unspecified halogen derivatives of aliphatic and aromatic hydrocarbons, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T540X2S | Toxic effect of phenol and phenol homologues, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T541X2S | Toxic effect of other corrosive organic compounds, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T542X2S | Toxic effect of corrosive acids and acid-like substances, intentional self-harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T543X2S | Toxic effect of corrosive alkalis and alkalilike substances, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T5492XS | Toxic effect of unspecified corrosive substance, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T550X2S | Toxic effect of soaps, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T551X2S | Toxic effect of detergents, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T560X2S | Toxic effect of lead and its compounds, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T561X2S | Toxic effect of mercury and its compounds, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T562X2S | Toxic effect of chromium and its compounds, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T563X2S | Toxic effect of cadmium and its compounds, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T564X2S | Toxic effect of copper and its compounds, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T565X2S | Toxic effect of zinc and its compounds, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T566X2S | Toxic effect of tin and its compounds, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T567X2S | Toxic effect of beryllium and its compounds, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T56812S | Toxic effect of thallium, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T56892S | Toxic effect of other metals, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T5692XS | Toxic effect of unspecified metal, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T570X2S | Toxic effect of arsenic and its compounds, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T571X2S | Toxic effect of phosphorus and its compounds, intentional self-harm, sequela                                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T572X2S | Toxic effect of manganese and its compounds, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T573X2S | Toxic effect of hydrogen cyanide, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T578X2S | Toxic effect of other specified inorganic substances, intentional self-harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T5792XS | Toxic effect of unspecified inorganic substance, intentional self-harm, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T5802XS | Toxic effect of carbon monoxide from motor vehicle exhaust, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T5812XS | Toxic effect of carbon monoxide from utility gas, intentional self-harm, sequela                                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T582X2S | Toxic effect of carbon monoxide from incomplete combustion of other domestic fuels, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T588X2S | Toxic effect of carbon monoxide from other source, intentional self-harm, sequela                                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T5892XS | Toxic effect of carbon monoxide from unspecified source, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T590X2S | Toxic effect of nitrogen oxides, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T591X2S | Toxic effect of sulfur dioxide, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T592X2S | Toxic effect of formaldehyde, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T593X2S | Toxic effect of lacrimogenic gas, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T594X2S | Toxic effect of chlorine gas, intentional self-<br>harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T595X2S | Toxic effect of fluorine gas and hydrogen fluoride, intentional self-harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T596X2S | Toxic effect of hydrogen sulfide, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T597X2S | Toxic effect of carbon dioxide, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T59812S | Toxic effect of smoke, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T59892S | Toxic effect of other specified gases, fumes and vapors, intentional self-harm, sequela          | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T5992XS | Toxic effect of unspecified gases, fumes and vapors, intentional self-harm, sequela              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T600X2S | Toxic effect of organophosphate and carbamate insecticides, intentional self-harm, sequela       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T601X2S | Toxic effect of halogenated insecticides, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T602X2S | Toxic effect of other insecticides, intentional self-harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T603X2S | Toxic effect of herbicides and fungicides, intentional self-harm, sequela                        | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T604X2S | Toxic effect of rodenticides, intentional self-<br>harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T608X2S | Toxic effect of other pesticides, intentional self-harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6092XS | Toxic effect of unspecified pesticide, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6102XS | Ciguatera fish poisoning, intentional self-<br>harm, sequela                                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6112XS | Scombroid fish poisoning, intentional self-<br>harm, sequela                                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T61772S | Other fish poisoning, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T61782S | Other shellfish poisoning, intentional self-<br>harm, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T618X2S | Toxic effect of other seafood, intentional self-harm, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6192XS | Toxic effect of unspecified seafood, intentional self-harm, sequela                              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T620X2S | Toxic effect of ingested mushrooms, intentional self-harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T621X2S | Toxic effect of ingested berries, intentional self-harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T622X2S | Toxic effect of other ingested (parts of) plant(s), intentional self-harm, sequela               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T628X2S | Toxic effect of other specified noxious substances eaten as food, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6292XS | Toxic effect of unspecified noxious substance eaten as food, intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63002S | Toxic effect of unspecified snake venom, intentional self-harm, sequela                          | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63012S | Toxic effect of rattlesnake venom, intentional self-harm, sequela                                | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T63022S | Toxic effect of coral snake venom, intentional self-harm, sequela                             | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | T63032S | Toxic effect of taipan venom, intentional self-harm, sequela                                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63042S | Toxic effect of cobra venom, intentional self-harm, sequela                                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63062S | Toxic effect of venom of other North and South American snake, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63072S | Toxic effect of venom of other Australian snake, intentional self-harm, sequela               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63082S | Toxic effect of venom of other African and Asian snake, intentional self-harm, sequela        | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63092S | Toxic effect of venom of other snake, intentional self-harm, sequela                          | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63112S | Toxic effect of venom of gila monster, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63122S | Toxic effect of venom of other venomous lizard, intentional self-harm, sequela                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63192S | Toxic effect of venom of other reptiles, intentional self-harm, sequela                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T632X2S | Toxic effect of venom of scorpion, intentional self-harm, sequela                             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63302S | Toxic effect of unspecified spider venom, intentional self-harm, sequela                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63312S | Toxic effect of venom of black widow spider, intentional self-harm, sequela                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63322S | Toxic effect of venom of tarantula, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63332S | Toxic effect of venom of brown recluse spider, intentional self-harm, sequela                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63392S | Toxic effect of venom of other spider, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63412S | Toxic effect of venom of centipedes and venomous millipedes, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63422S | Toxic effect of venom of ants, intentional self-harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63432S | Toxic effect of venom of caterpillars, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63442S | Toxic effect of venom of bees, intentional self-harm, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63452S | Toxic effect of venom of hornets, intentional self-harm, sequela                              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63462S | Toxic effect of venom of wasps, intentional self-harm, sequela                                | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T63482S | Toxic effect of venom of other arthropod, intentional self-harm, sequela                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | T63512S | Toxic effect of contact with stingray, intentional self-harm, sequela                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63592S | Toxic effect of contact with other venomous fish, intentional self-harm, sequela           | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63612S | Toxic effect of contact with Portugese Mano-<br>o-war, intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63622S | Toxic effect of contact with other jellyfish, intentional self-harm, sequela               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63632S | Toxic effect of contact with sea anemone, intentional self-harm, sequela                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63692S | Toxic effect of contact with other venomous marine animals, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63712S | Toxic effect of contact with venomous marine plant, intentional self-harm, sequela         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63792S | Toxic effect of contact with other venomous plant, intentional self-harm, sequela          | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63812S | Toxic effect of contact with venomous frog, intentional self-harm, sequela                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63822S | Toxic effect of contact with venomous toad, intentional self-harm, sequela                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63832S | Toxic effect of contact with other venomous amphibian, intentional self-harm, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T63892S | Toxic effect of contact with other venomous animals, intentional self-harm, sequela        | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6392XS | Toxic effect of contact with unspecified venomous animal, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6402XS | Toxic effect of aflatoxin, intentional self-<br>harm, sequela                              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6482XS | Toxic effect of other mycotoxin food contaminants, intentional self-harm, sequela          | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T650X2S | Toxic effect of cyanides, intentional self-<br>harm, sequela                               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T651X2S | Toxic effect of strychnine and its salts, intentional self-harm, sequela                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T65212S | Toxic effect of chewing tobacco, intentional self-harm, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T65222S | Toxic effect of tobacco cigarettes, intentional self-harm, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T65292S | Toxic effect of other tobacco and nicotine, intentional self-harm, sequela                 | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | T653X2S | Toxic effect of nitroderivatives and aminoderivatives of benzene and its homologues, intentional self-harm, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
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| MBD034 | T654X2S | Toxic effect of carbon disulfide, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T655X2S | Toxic effect of nitroglycerin and other nitric acids and esters, intentional self-harm, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T656X2S | Toxic effect of paints and dyes, not elsewhere classified, intentional self-harm, sequela                           | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T65812S | Toxic effect of latex, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T65822S | Toxic effect of harmful algae and algae toxins, intentional self-harm, sequela                                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T65832S | Toxic effect of fiberglass, intentional self-<br>harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T65892S | Toxic effect of other specified substances, intentional self-harm, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T6592XS | Toxic effect of unspecified substance, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T71112S | Asphyxiation due to smothering under pillow, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T71122S | Asphyxiation due to plastic bag, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T71132S | Asphyxiation due to being trapped in bed linens, intentional self-harm, sequela                                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T71152S | Asphyxiation due to smothering in furniture, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T71162S | Asphyxiation due to hanging, intentional self-harm, sequela   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T71192S | Asphyxiation due to mechanical threat to breathing due to other causes, intentional self-harm, sequela              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T71222S | Asphyxiation due to being trapped in a car trunk, intentional self-harm, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | T71232S | Asphyxiation due to being trapped in a (discarded) refrigerator, intentional self-harm, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X710XXS | Intentional self-harm by drowning and submersion while in bathtub, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X711XXS | Intentional self-harm by drowning and submersion while in swimming pool, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X712XXS | Intentional self-harm by drowning and submersion after jump into swimming pool, sequela                             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X713XXS | Intentional self-harm by drowning and submersion in natural water, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | X718XXS | Other intentional self-harm by drowning and submersion, sequela         | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|---|------------------|-----------------------------|
| MBD034 | X719XXS | Intentional self-harm by drowning and submersion, unspecified, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X72XXXS | Intentional self-harm by handgun discharge, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X730XXS | Intentional self-harm by shotgun discharge, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X731XXS | Intentional self-harm by hunting rifle discharge, sequela               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X732XXS | Intentional self-harm by machine gun discharge, sequela                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X738XXS | Intentional self-harm by other larger firearm discharge, sequela        | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X739XXS | Intentional self-harm by unspecified larger firearm discharge, sequela  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X7401XS | Intentional self-harm by airgun, sequela                                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X7402XS | Intentional self-harm by paintball gun, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X7409XS | Intentional self-harm by other gas, air or spring-operated gun, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X748XXS | Intentional self-harm by other firearm discharge, sequela               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X749XXS | Intentional self-harm by unspecified firearm discharge, sequela         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X75XXXS | Intentional self-harm by explosive material, sequela                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X76XXXS | Intentional self-harm by smoke, fire and flames, sequela                | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X770XXS | Intentional self-harm by steam or hot vapors, sequela                   | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X771XXS | Intentional self-harm by hot tap water, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X772XXS | Intentional self-harm by other hot fluids, sequela                      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X773XXS | Intentional self-harm by hot household appliances, sequela              | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X778XXS | Intentional self-harm by other hot objects, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X779XXS | Intentional self-harm by unspecified hot objects, sequela               | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X780XXS | Intentional self-harm by sharp glass, sequela                           | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X781XXS | Intentional self-harm by knife, sequela                                 | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X782XXS | Intentional self-harm by sword or dagger, sequela                       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X788XXS | Intentional self-harm by other sharp object, sequela                    | Mental<br>Health | Self-Harm/Suicidal Ideation |

| MBD034 | X789XXS | Intentional self-harm by unspecified sharp object, sequela                         | Mental<br>Health | Self-Harm/Suicidal Ideation |
|--------|---------|--|------------------|-----------------------------|
| MBD034 | X79XXXS | Intentional self-harm by blunt object, sequela                                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X80XXXS | Intentional self-harm by jumping from a high place, sequela                        | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X810XXS | Intentional self-harm by jumping or lying in front of motor vehicle, sequela       | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X811XXS | Intentional self-harm by jumping or lying in front of (subway) train, sequela      | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X818XXS | Intentional self-harm by jumping or lying in front of other moving object, sequela | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X828XXS | Other intentional self-harm by crashing of motor vehicle, sequela                  | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X830XXS | Intentional self-harm by crashing of aircraft, sequela                             | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X831XXS | Intentional self-harm by electrocution, sequela                                    | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X832XXS | Intentional self-harm by exposure to extremes of cold, sequela                     | Mental<br>Health | Self-Harm/Suicidal Ideation |
| MBD034 | X838XXS | Intentional self-harm by other specified means, sequela                            | Mental<br>Health | Self-Harm/Suicidal Ideation |