MENTAL HEALTH CLIENT-LEVEL DATA (MH-CLD), 2023:

CODEBOOK

Center for Behavioral Health Statistics and Quality
Substance Abuse and Mental Health Services Administration

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This codebook may be downloaded from https://www.samhsa.gov/data/data-we-collect/mh-cld-mental-health-client-level-data/datafiles.

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Mental Health Client-Level Data: 2023

This codebook documents the Mental Health Client-Level Data (MH-CLD) for the 2023 reporting period. MH-CLD provides demographic and mental health characteristics for clients who have used mental health services in facilities that report to individual state administrative data systems. National mental health client-level data reporting was launched in 2011.

The general framework for the MH-CLD involves a compilation of the demographic, clinical, and outcome data of individuals served by the state mental health agency (SMHA) within a state-defined 12-month reporting period. States may choose the calendar year or the state fiscal year as their reporting period. *Individuals served* is defined as all enrolled individuals who received mental health and support services, including screening, assessment, crisis services, and telemedicine/telehealth, from programs operated or funded by the SMHA during the reporting period.

Two data sets are submitted each reporting period: Basic Client Information (BCI) is due December 1, and the State Hospital Readmission (SHR) data set is due March 1 of the following year. These two data sets inform five mental health national outcome measures (NOMs): access to services/capacity, stability in housing/residential status, 30-day and 180-day readmission to state hospital, adult employment or children's school attendance and education level, and criminal justice involvement. There are five additional NOMs—social connectedness, decreased mental illness symptomatology, perception of care, cost effectiveness, and use of evidence-based practices—that have not been converted into client-level data reporting and continue to be captured in the Uniform Reporting System (URS). Data are reported in accordance with the Health Insurance Portability and Accountability Act (HIPAA) rules for non-protected health information.

In 2010, the Substance Abuse and Mental Health Services Administration (SAMHSA), through the Center for Behavioral Health Statistics and Quality (CBHSQ), began a parallel effort of testing the feasibility of building a national behavioral health database that integrates both mental health and substance use data using a uniform platform for data reporting. This effort led to the integration of mental health data into the well-established system of reporting for substance use client-level data, known as the Treatment Episode Data Set (TEDS). To enable reporting of mental health client data to TEDS, the system was modified to incorporate data elements that capture the characteristics unique to the mental health services system and the individuals receiving mental health services. These characteristics include, among others, the extended period of time that an individual may be engaged in treatment, the recovery process, and the simultaneous receipt of different types of services from different service providers. This method of reporting mental health data at the individual level is referred to as the Mental Health Treatment Episode Data Set (MH-TEDS).

Unlike MH-CLD, MH-TEDS is structured around treatment events, that is, admissions and discharges from specific service settings. Admission and discharge records can be linked to track treatment episodes and the treatment services received by individuals. Thus, with MH-TEDS, both the individual client and the treatment episode can serve as a unit of analysis, whereas with MH-CLD the client is the sole unit of analysis. The common TEDS platform in which both the substance use and mental health data are reported enhances the ability to report data on people with co-occurring mental health and substance use disorders. It also offers optional data fields for individuals with mental illness that are not captured in MH-CLD, such as referral source, details on criminal justice referral, income sources, and health insurance.

Data Collection

The data described in this codebook are derived from a reconciliation of the two reporting methods (MH-TEDS and MH-CLD), using individual clients as the unit of analysis. If you need copies of the Mental Health Client-Level Data State Instruction Manual and the Combined Substance Use and Mental Health Treatment Episode Data Set State Instruction Manual, please contact the BHSIS Office at BHSIS@samhsa.hhs.gov.

Reconciling data from MH-TEDS and MH-CLD

Both the MH-TEDS and MH-CLD include individuals served through SMHAs during the state-defined 12-month reporting period. Most states elect to use the state fiscal year, which usually runs from July 1 through June 30 of the following year; however, some states define their fiscal year differently. See the 2024 MH-CLD Annual Report for details.

MH-CLD contains one record for each individual served. Data items are populated by the states based on the status of the individual, either at the start and end of the state's reporting period, or the most recently available data. MH-TEDS contains one record for each admission to, and discharge from, a particular service type/setting (referred to as a treatment episode) within the client's treatment continuum during the reporting period. Data collected from MH-TEDS admission records and update/discharge records are stored as two separate data sets that are linked using a HIPAA-compliant, non-protected health information, unique client identifier located in both files. Linking the records allows for the creation of a single client record comparable to the MH-CLD format.

The process of creating an individual record using the MH-TEDS data allows for the reporting of these individuals in both the MH-TEDS and MH-CLD data sets. See the 2024 MH-CLD Annual Report for the full crosswalk between MH-TEDS and MH-CLD variable names.

Confidentiality Protection

Several measures are taken to protect the confidentiality of all records. Variables that potentially identify an individual in their raw form undergo top- or bottom-coding. For example, age as a continuous variable has the potential to identify both the youngest and oldest participants in a public release file. For this reason, age is recoded for the public use file to reduce disclosure risk. All the variables recoded are documented in Appendix B.

Disclosure analysis is used to identify records that remained unique after routine recoding measures were taken to protect confidentiality. Disclosure analysis is used to discern combinations of indirect identifiers that potentially link an individual to a record. Particular attention was given to the analytic importance of geographic data and of subgroup populations. Subsequently, data swapping was applied to produce the public use file in order to satisfy stringent confidentiality standards while preserving its analytic value.

The original location of a record in MH-CLD cannot be known for certain due to the use of data swapping. This method has several benefits over other disclosure protection options: (1) the overall impact to the data is typically small; (2) nearly all the data are left intact; (3) data for special populations (e.g., minorities) are no more impacted than other data; (4) the procedures typically do not affect any analytic uses of the file; and (5) the procedures allow greater detail to remain in the public use file (e.g., the original ethnicity codes).

Universe/Extract Dates

The universe for this MH-CLD public use file is the data received and processed through May 15, 2025. See the 2024 MH-CLD Annual Report for each state's reporting period.

For the state of Michigan, an additional process was used to correct client lists for that state.

Coverage

Data in the MH-CLD—whether collected as BCI submitted by SMHAs or derived from MH-TEDS—is supposed to include only clients from providers receiving public funding. However, because each state or jurisdiction decides how to fund their different mental health services providers, there is no independent check on the actual sources of funding. Moreover, the number of clients in the facilities whose treatment is not publicly funded is unknown.

Data Limitations

The MH-CLD, while providing valuable information about mental health service use, does not represent the total national demand for mental health treatment or describe the mental health status of the national population. The MH-CLD is a compilation of client-level data from facilities that operate under the authority of their state mental health administration. The scope of facilities from which the data are collected is affected by differences in state licensure, certification, accreditation, and disbursement of public funds. For example, some state mental health administrations regulate private facilities and individual practitioners, while others do not. Moreover, in some states, mental health services are provided in correctional facilities under the auspice of mental health agencies, while in other states they are not.

Up to three mental health diagnoses per individual can be reported to MH-TEDS or MH-CLD (mental health diagnoses one, two, and three). These diagnoses may not represent a complete enumeration of all diagnoses for individuals served. Furthermore, some individuals have no valid mental health diagnosis reported. If the missingness is not randomly distributed across facilities, estimated prevalence rates of the different mental health diseases may be biased.

Created Variables

The MH-CLD file contains several variables created from the original variables submitted by the states. For example, a variable was created to indicate whether a given mental health diagnosis was reported in the first, second, or third diagnosis field. These are called flag variables and labeled according to the diagnosis, such as *anxietyflg* for the anxiety disorders flag variable, *adhdflg* for the attention deficit/hyperactivity disorder (ADHD) flag, etc.

Contents of Public Use File

The MH-CLD public use file contains minimum and supplemental data from states that report MH-CLD and MH-TEDS data, plus the Commonwealth of the Northern Mariana Islands, the Republic of Palau, Puerto Rico, and the District of Columbia. See the State Exclusions section of this codebook for the list of states and other jurisdictions in each year that did not report sufficient data.

The MH-CLD public use files are provided in SAS, SPSS, Stata, R, and ASCII comma-delimited formats.

User Responsibility

Users are reminded that the data are to be used solely for statistical analysis and reporting of aggregated information and not for investigation or identification of specific individuals or organizations.

State Exclusions

The following states did not report sufficient data and are excluded from the given year.

Year	States
2023	American Samoa, Federated States of Micronesia, Guam, Maine, Marshall Islands, U.S. Virgin Islands

VARIABLE DESCRIPTIONS AND FREQUENCIES

CASEID: Case identification number

Program generated case (record) identifier.
A frequency distribution of this variable is not shown; each case has a unique value generated for identification purposes.

Width: 11; Decimal: 0
Variable type: Numeric

YEAR: Reporting period

Indicates the end year of the state-defined reporting period. Such state-defined reporting periods, while generally encompassing the fiscal year July 1–June 30 of the corresponding calendar year, may also be defined on an October–September fiscal year, a lagged fiscal year, or both.

Value	Label	Frequency	%
2023	2023	7,213,557	100%
	Total	*7,213,557*	*100%*

Width: 4; Decimal: 0
Variable type: Numeric

AGE: Age (recoded)

Calculated from the client's date of birth at midpoint of the state's elected reporting period.

Value	Label	Frequency	%
1	0-11 years	874,537	12.1%
2	12-14 years	526,981	7.3%
3	15-17 years	557,952	7.7%
4	18-20 years	364,194	5.0%
5	21-24 years	432,073	6.0%
6	25-29 years	614,447	8.5%
7	30-34 years	674,162	9.3%
8	35-39 years	589,757	8.2%
9	40-44 years	517,028	7.2%
10	45-49 years	411,839	5.7%
11	50-54 years	418,397	5.8%
12	55-59 years	413,347	5.7%
13	60-64 years	363,884	5.0%
14	65 years and older	449,638	6.2%
-9	Missing/unknown/not collected/invalid	5,321	0.1%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

EDUC: Education

Specifies the school grade level of three sub-populations of clients, as follows:

• Current grade level for school-age children who attended school at any time in the past three months.
• Highest grade level completed for school-age children who have not attended school at any time within the past three months.
• Highest educational attainment for all adult clients, whether currently in school or not.

Value	Label	Frequency	%
1	Special education	35,506	0.5%
2	0 to 8	934,129	12.9%
3	9 to 11	641,996	8.9%
4	12 (or GED)	1,327,812	18.4%
5	More than 12	649,475	9.0%
-9	Missing/unknown/not collected/invalid	3,624,639	50.2%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

ETHNIC: Hispanic or Latino origin (ethnicity)

Identifies whether or not the client is of Hispanic or Latino origin. Report the most recent available information for ethnicity at the end of the reporting period.

• Mexican: Of Mexican origin, regardless of race.
• Puerto Rican: Of Puerto Rican origin, regardless of race.
• Other Hispanic or Latino origin: Of known Central or South American or any other Spanish cultural origin (including Spain), other than Puerto Rican or Mexican, regardless of race. Includes clients of Hispanic or Latino origin whose specific origin is not known or not specified.
• Not of Hispanic or Latino origin.

Value	Label	Frequency	%
1	Mexican	52,806	0.7%
2	Puerto Rican	36,462	0.5%
3	Other Hispanic or Latino origin	1,306,425	18.1%
4	Not of Hispanic or Latino origin	4,820,178	66.8%
-9	Missing/unknown/not collected/invalid	997,686	13.8%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

RACE: Race

Specifies the client's most recent reported race at the end of the reporting period.

• American Indian/Alaska Native: A person having origins in any of the original people of North America and South America (including Central America) and who maintain tribal affiliation or community attachment.
• Asian: A person having origins in any of the following people of the Far East, the Indian subcontinent, or Southeast Asia, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
• Black or African American: A person having origins in any of the Black racial groups of Africa.
• Native Hawaiian or Other Pacific Islander: A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
• White: A person having origins in any of the original people of Europe, the Middle East, or North Africa.
• Some other race alone/two or more races combines:
    ○ Some other race alone: Use this category for instances in which the client does not identify with any category above or whose origin group, because of area custom, is regarded as a racial class distinct from the above categories (do not use this category for clients indicating multiple or mixed races).
    ○ Two or more races: Use this code when the state data system allows multiple race selection and more than one race is indicated.

Value	Label	Frequency	%
1	American Indian/Alaska Native	154,840	2.1%
2	Asian	110,864	1.5%
3	Black or African American	1,234,202	17.1%
4	Native Hawaiian or Other Pacific Islander	24,855	0.3%
5	White	4,058,529	56.3%
6	Some other race alone/two or more races	739,692	10.3%
-9	Missing/unknown/not collected/invalid	890,575	12.3%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

SEX: Sex

Identifies the client's most recent reported sex at the end of the reporting period.

Value	Label	Frequency	%
1	Male	3,400,552	47.1%
2	Female	3,799,379	52.7%
-9	Missing/unknown/not collected/invalid	13,626	0.2%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

SPHSERVICE: State psychiatric hospital services

This field identifies whether a client received services from any SMHA-funded and SMHA-operated organizations operated as hospitals that provide primarily inpatient care to persons with mental illnesses from a specific geographical area and/or statewide.

Value	Label	Frequency	%
1	Served in a state psychiatric hospital	113,723	1.6%
2	Not served in a state psychiatric hospital	7,099,834	98.4%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

CMPSERVICE: SMHA-funded/operated community-based program

This field identifies whether a client received services from any Community Mental Health Centers (CMHCs), outpatient clinics, partial care organizations, partial hospitalization programs, Program of Assertive Community Treatment (PACT) programs, consumer-run programs (including Club Houses and drop-in centers), and all community support programs (CSPs).

Value	Label	Frequency	%
1	Served in SMHA-funded/operated community-based program	6,987,818	96.9%
2	Not served in SMHA-funded/operated community-based program	225,739	3.1%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

OPISERVICE: Other psychiatric inpatient

This field identifies whether a client received services from a private provider or medical provider licensed and/or contracted through the SMHA.

Value	Label	Frequency	%
1	Served in 'other psychiatric inpatient center'	279,882	3.9%
2	Not served in 'other psychiatric inpatient center'	6,933,675	96.1%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

RTCSERVICE: Residential treatment center

This field identifies whether a client received services from an organization not licensed as a psychiatric hospital, the primary purpose of which is the provision of individually planned programs of mental health treatment services in conjunction with residential care for children and youth, and in some cases, adult care.

Value	Label	Frequency	%
1	Served in a residential treatment center	67,848	0.9%
2	Not served in a residential treatment center	7,145,709	99.1%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

IJSSERVICE: Institutions under the justice system

This field identifies whether a client received mental health services in a jail, prison, juvenile detention center, etc.

Value	Label	Frequency	%
1	Served by an institution under the justice system	77,113	1.1%
2	Not served by any institution under the justice system	7,136,444	98.9%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

MH1: Mental health diagnosis one

Specifies the client's current first mental health diagnosis during the reporting period.

Value	Label	Frequency	%
1	Trauma- and stressor-related disorders	1,003,458	13.9%
2	Anxiety disorders	1,011,010	14.0%
3	Attention deficit/hyperactivity disorder (ADHD)	453,336	6.3%
4	Conduct disorders	62,477	0.9%
5	Delirium/dementia disorders	14,222	0.2%
6	Bipolar disorders	581,063	8.1%
7	Depressive disorders	1,471,447	20.4%
8	Oppositional defiant disorders	74,002	1.0%
9	Pervasive developmental disorders	89,080	1.2%
10	Personality disorders	50,791	0.7%
11	Schizophrenia or other psychotic disorders	681,016	9.4%
12	Alcohol or substance-related disorders	258,936	3.6%
13	Other disorders/conditions	515,866	7.2%
-9	Missing/unknown/not collected/invalid/no or deferred diagnosis	946,853	13.1%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

MH2: Mental health diagnosis two

Specifies the client's current second mental health diagnosis during the reporting period.

Value	Label	Frequency	%
1	Trauma- and stressor-related disorders	366,263	5.1%
2	Anxiety disorders	724,803	10.0%
3	Attention deficit/hyperactivity disorder (ADHD)	217,011	3.0%
4	Conduct disorders	26,915	0.4%
5	Delirium/dementia disorders	6,478	0.1%
6	Bipolar disorders	95,978	1.3%
7	Depressive disorders	375,965	5.2%
8	Oppositional defiant disorders	59,765	0.8%
9	Pervasive developmental disorders	40,060	0.6%
10	Personality disorders	71,279	1.0%
11	Schizophrenia or other psychotic disorders	75,584	1.0%
12	Alcohol or substance-related disorders	90,760	1.3%
13	Other disorders/conditions	306,125	4.2%
-9	Missing/unknown/not collected/invalid/no or deferred diagnosis	4,756,571	65.9%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

MH3: Mental health diagnosis three

Specifies the client's current third mental health diagnosis during the reporting period.

Value	Label	Frequency	%
1	Trauma- and stressor-related disorders	132,447	1.8%
2	Anxiety disorders	154,544	2.1%
3	Attention deficit/hyperactivity disorder (ADHD)	83,925	1.2%
4	Conduct disorders	10,384	0.1%
5	Delirium/dementia disorders	1,723	0.0%
6	Bipolar disorders	27,726	0.4%
7	Depressive disorders	91,736	1.3%
8	Oppositional defiant disorders	19,552	0.3%
9	Pervasive developmental disorders	14,445	0.2%
10	Personality disorders	41,130	0.6%
11	Schizophrenia or other psychotic disorders	15,777	0.2%
12	Alcohol or substance-related disorders	28,889	0.4%
13	Other disorders/conditions	90,831	1.3%
-9	Missing/unknown/not collected/invalid/no or deferred diagnosis	6,500,448	90.1%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

SUB: Substance use diagnosis

Specifies the client's substance use diagnosis that is current during the reporting period. The state should report the most recent substance use diagnosis.

Value	Label	Frequency	%
1	Alcohol-induced disorder	12,120	0.2%
2	Alcohol intoxication	12,913	0.2%
3	Substance-induced disorder	40,353	0.6%
4	Alcohol dependence	201,516	2.8%
5	Cocaine dependence	26,877	0.4%
6	Cannabis dependence	97,003	1.3%
7	Opioid dependence	144,162	2.0%
8	Other substance dependence	194,357	2.7%
9	Alcohol abuse	72,187	1.0%
10	Cocaine abuse	12,402	0.2%
11	Cannabis abuse	92,218	1.3%
12	Opioid abuse	19,277	0.3%
13	Other substance related conditions	59,006	0.8%
-9	Missing/unknown/not collected/invalid/no or deferred diagnosis	6,229,166	86.4%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

MARSTAT: Marital status

Identifies the client's marital status.

• Never married: Includes clients who are single or whose only marriage was annulled.
• Now married: Includes married couples, those living together as married, living with partners, or cohabitating.
• Separated: Includes those legally separated or otherwise absent from spouse because of marital discord.
• Divorced, widowed.

Value	Label	Frequency	%
1	Never married	3,197,534	44.3%
2	Now married	426,580	5.9%
3	Separated	151,957	2.1%
4	Divorced, widowed	447,359	6.2%
-9	Missing/unknown/not collected/invalid	2,990,127	41.5%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

SMISED: SMI/SED status

Indicates whether the client has serious mental illness (SMI) or serious emotional disturbance (SED) using the state definition. Use the most recent available status at the end of the reporting period.

Value	Label	Frequency	%
1	SMI	3,617,089	50.1%
2	SED and/or at risk for SED	1,319,844	18.3%
3	Not SMI/SED	1,804,994	25.0%
-9	Missing/unknown/not collected/invalid	471,630	6.5%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

SAP: Substance use disorder

Specifies the client's substance use disorder based on a substance use diagnosis and/or using other identification method, such as substance use screening results, enrollment in a substance use program, substance use survey, service claims information, or other related sources of data.

Value	Label	Frequency	%
1	Yes	2,561,712	35.5%
2	No	4,034,199	55.9%
-9	Missing/unknown/not collected/invalid	617,646	8.6%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

EMPLOY: Competitive employment status (aged 16 years and older) at discharge or end of the reporting period

Specifies the client's employment status at discharge (for new clients) or the most recent available employment status at the end of the reporting period (for continuing clients). This data element is reported for all clients (age 16 years and older) who are receiving services in non-institutional settings. Institutional settings include correctional facilities like prison, jail, detention centers, and mental health care facilities like state hospitals, other psychiatric inpatient facilities, nursing homes, or other institutions that keep a person, otherwise able, from entering the labor force.

• Full-time: Use state definition for full-time employment; includes members of the Armed Forces, and clients in full-time Supported Employment.
• Part-time: Use state definition for part-time; includes clients in part-time Supported Employment.
• Employed full-time/part-time not differentiated (temporary code).
• Unemployed: Defined as actively looking for work or laid off from job (and awaiting to be recalled) in the past 30 days.
• Not in labor force: Defined as not employed and not actively looking for work during the past 30 days (i.e. people not interested to work or people who have been discouraged to look for work).

Value	Label	Frequency	%
1	Full-time	443,407	6.1%
2	Part-time	213,333	3.0%
3	Employed full-time/part-time not differentiated	130,948	1.8%
4	Unemployed	778,478	10.8%
5	Not in labor force	1,264,667	17.5%
-9	Missing/unknown/not collected/invalid	4,382,724	60.8%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

DETNLF: Detailed 'not in labor force' category

This field gives more detailed information about those clients who are coded as ‘not in labor force’ for employment status (EMPLOY).

Value	Label	Frequency	%
1	Retired, disabled	507,366	7.0%
2	Student	231,601	3.2%
3	Homemaker	39,412	0.5%
4	Sheltered/non-competitive employment	9,428	0.1%
5	Other	476,860	6.6%
-9	Missing/unknown/not collected/invalid	5,948,890	82.5%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

VETERAN: Veteran status

This field specifies whether the client has served in the uniformed services (Army, Navy, Air Force, Marine Corps, Coast Guard, Public Health Service Commissioned Corps, Coast and Geodetic Survey, etc.)

Guidelines: A veteran is a person 16 years or older who has served (even for a short time), but is not now serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, Coast Guard, or Commissioned Corps of the U.S. Public Health Service or the National Oceanic and Atmospheric Administration, or who served as a Merchant Marine seaman during World War II. Individuals who served in the National Guard or Military Reserves are classified as veterans only if they have ever been called or ordered to active duty (excluding the 4-6 months of initial training and yearly summer camps).

Value	Label	Frequency	%
1	Yes	102,687	1.4%
2	No	2,994,403	41.5%
-9	Missing/unknown/not collected/invalid	4,116,467	57.1%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

LIVARAG: Residential status - at discharge or end of reporting period

Specifies client's residential status at time of discharge or end of reporting period (continuing clients).

• Homeless: Person has no fixed address; includes homeless, shelters.
• Private residence: Includes independent living adults, dependent living adults (adult clients living in a house, apartment, or other similar dwellings and are heavily dependent on others for daily living assistance), and children living in a private residence, regardless of living arrangement.
• Other: Clients living in a foster home or a care center, residential care facility, crisis residence, institutional care facility, jail and/or correctional facility, or other residential status.

Value	Label	Frequency	%
1	Homeless	200,415	2.8%
2	Private residence	3,978,372	55.2%
3	Other	397,111	5.5%
-9	Missing/unknown/not collected/invalid	2,637,659	36.6%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

NUMMHS: Number of mental health diagnoses reported

Calculates the number of valid mental health diagnoses (maximum of three) that are reported for each client. For instance, the value of this variable will be 3 if nonmissing values are provided for all three mental health diagnoses (MH1, MH2, and MH3).

Value	Label	Frequency	%
0	0	946,853	13.1%
1	1	3,809,717	52.8%
2	2	1,743,879	24.2%
3	3	713,108	9.9%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

TRAUSTREFLG: Trauma- or stressor-related disorder reported

Flag records if a trauma- or stressor-related disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	5,711,389	79.2%
1	Disorder reported	1,502,168	20.8%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

ANXIETYFLG: Anxiety disorder reported

Flag records if an anxiety disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	5,323,200	73.8%
1	Disorder reported	1,890,357	26.2%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

ADHDFLG: Attention deficit/hyperactivity disorder reported

Flag records if attention deficit/hyperactivity disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	6,459,285	89.5%
1	Disorder reported	754,272	10.5%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

CONDUCTFLG: Conduct disorder reported

Flag records if a conduct disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	7,113,781	98.6%
1	Disorder reported	99,776	1.4%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

DELIRDEMFLG: Delirium/dementia disorder reported

Flag records if delirium/dementia disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	7,191,134	99.7%
1	Disorder reported	22,423	0.3%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

BIPOLARFLG: Bipolar disorder reported

Flag records if a bipolar disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	6,508,790	90.2%
1	Disorder reported	704,767	9.8%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

DEPRESSFLG: Depressive disorder reported

Flag records if a depressive disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	5,274,409	73.1%
1	Disorder reported	1,939,148	26.9%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

ODDFLG: Oppositional defiant disorder reported

Flag records if oppositional defiant disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	7,060,238	97.9%
1	Disorder reported	153,319	2.1%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

PDDFLG: Pervasive developmental disorder reported

Flag records if a pervasive developmental disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	7,069,972	98.0%
1	Disorder reported	143,585	2.0%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

PERSONFLG: Personality disorder reported

Flag records if a personality disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	7,050,357	97.7%
1	Disorder reported	163,200	2.3%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

SCHIZOFLG: Schizophrenia or other psychotic disorder reported

Flag records if schizophrenia or other psychotic disorders were reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	6,441,180	89.3%
1	Disorder reported	772,377	10.7%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

ALCSUBFLG: Alcohol or substance-related disorder reported

Flag records if an alcohol or substance-related disorder was reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	6,834,972	94.8%
1	Disorder reported	378,585	5.2%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

OTHERDISFLG: Other mental disorder reported

Flag records if other mental disorders were reported in the first, second, or third mental health diagnosis field.

Value	Label	Frequency	%
0	Disorder not reported	6,300,859	87.3%
1	Disorder reported	912,698	12.7%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

STATEFIP: Reporting state code

Identifies the reporting state.

Value	Label	Frequency	%
1	Alabama	92,197	1.3%
2	Alaska	10,517	0.1%
4	Arizona	436,829	6.1%
5	Arkansas	66,396	0.9%
6	California	643,214	8.9%
8	Colorado	127,628	1.8%
9	Connecticut	93,942	1.3%
10	Delaware	17,237	0.2%
11	District of Columbia	41,602	0.6%
12	Florida	363,731	5.0%
13	Georgia	118,972	1.6%
15	Hawaii	9,586	0.1%
16	Idaho	14,782	0.2%
17	Illinois	27,103	0.4%
18	Indiana	144,623	2.0%
19	Iowa	308,139	4.3%
20	Kansas	39,981	0.6%
21	Kentucky	144,980	2.0%
22	Louisiana	44,129	0.6%
24	Maryland	260,133	3.6%
25	Massachusetts	25,399	0.4%
26	Michigan	295,361	4.1%
27	Minnesota	504,291	7.0%
28	Mississippi	125,196	1.7%
29	Missouri	67,448	0.9%
30	Montana	76,988	1.1%
31	Nebraska	19,525	0.3%
32	Nevada	15,970	0.2%
33	New Hampshire	43,584	0.6%
34	New Jersey	412,907	5.7%
35	New Mexico	214,434	3.0%
36	New York	47,577	0.7%
37	North Carolina	89,694	1.2%
38	North Dakota	10,437	0.1%
39	Ohio	92,622	1.3%
40	Oklahoma	125,410	1.7%
41	Oregon	183,132	2.5%
42	Pennsylvania	524,876	7.3%
44	Rhode Island	28,664	0.4%
45	South Carolina	95,160	1.3%

STATEFIP: Reporting state code

Identifies the reporting state.

Value	Label	Frequency	%
46	South Dakota	13,187	0.2%
47	Tennessee	87,211	1.2%
48	Texas	455,740	6.3%
49	Utah	60,390	0.8%
50	Vermont	25,989	0.4%
51	Virginia	122,409	1.7%
53	Washington	350,625	4.9%
54	West Virginia	7,759	0.1%
55	Wisconsin	68,232	0.9%
56	Wyoming	13,303	0.2%
72	Puerto Rico	3,589	0.0%
99	Other jurisdictions	727	0.0%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

DIVISION: Census division

Census divisions are groupings of states that are subdivisions of the four Census regions. There are nine divisions, which the Census Bureau adopted in 1910 for the presentation of data. Also included are other jurisdictions as a tenth category. The divisions, and the states and other jurisdictions included in them, are:

• Other jurisdictions: Puerto Rico, Republic of Palau, and the Commonwealth of the Northern Mariana Islands.
• New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.
• Middle Atlantic: New Jersey, New York, and Pennsylvania.
• East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin.
• West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.
• South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia.
• East South Central: Alabama, Kentucky, Mississippi, and Tennessee.
• West South Central: Arkansas, Louisiana, Oklahoma, and Texas.
• Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.
• Pacific: Alaska, California, Hawaii, Oregon, and Washington.

Value	Label	Frequency	%
0	Other jurisdictions	4,316	0.1%
1	New England	217,578	3.0%
2	Middle Atlantic	985,360	13.7%
3	East North Central	627,941	8.7%
4	West North Central	963,008	13.3%
5	South Atlantic	1,116,697	15.5%
6	East South Central	449,584	6.2%
7	West South Central	691,675	9.6%
8	Mountain	960,324	13.3%
9	Pacific	1,197,074	16.6%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

REGION: Census region

Geographic regions are based on divisions used by the U.S. Census Bureau, with the addition of other jurisdictions, which are not included in any Census region:

• Other jurisdictions: Puerto Rico, Republic of Palau, and the Commonwealth of the Northern Mariana Islands.
• Northeast: New England Division (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont) and Middle Atlantic Division (New Jersey, New York, Pennsylvania).
• Midwest: East North Central Division (Illinois, Indiana, Michigan, Ohio, Wisconsin) and West North Central Division (Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota).
• South: South Atlantic Division (Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia), East South Central Division (Alabama, Kentucky, Mississippi, Tennessee), and West South Central Division (Arkansas, Louisiana, Oklahoma, Texas).
• West: Mountain Division (Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming) and Pacific Division (Alaska, California, Hawaii, Oregon, Washington).

Value	Label	Frequency	%
0	Other jurisdictions	4,316	0.1%
1	Northeast	1,202,938	16.7%
2	Midwest	1,590,949	22.1%
3	South	2,257,956	31.3%
4	West	2,157,398	29.9%
	Total	*7,213,557*	*100%*

Width: 2; Decimal: 0
Variable type: Numeric

APPENDICES

Appendix A. MH-CLD Variable Information (Alphabetical Order)

Variable	Type	Length	Label
ADHDFLG	Numeric	8	Attention deficit/hyperactivity disorder reported
AGE	Numeric	8	Age (recoded)
ALCSUBFLG	Numeric	8	Alcohol or substance-related disorder reported
ANXIETYFLG	Numeric	8	Anxiety disorder reported
BIPOLARFLG	Numeric	8	Bipolar disorder reported
CASEID	Numeric	8	Case identification number
CMPSERVICE	Numeric	8	SMHA-funded/operated community-based program
CONDUCTFLG	Numeric	8	Conduct disorder reported
DELIRDEMFLG	Numeric	8	Delirium/dementia disorder reported
DEPRESSFLG	Numeric	8	Depressive disorder reported
DETNLF	Numeric	8	Detailed 'not in labor force' category
DIVISION	Numeric	8	Census division
EDUC	Numeric	8	Education
EMPLOY	Numeric	8	Competitive employment status (aged 16 years and older) at discharge or end of the reporting period
ETHNIC	Numeric	8	Hispanic or Latino origin (ethnicity)
IJSSERVICE	Numeric	8	Institutions under the justice system
LIVARAG	Numeric	8	Residential status — at discharge or end of reporting period
MARSTAT	Numeric	8	Marital status
MH1	Numeric	8	Mental health diagnosis one
MH2	Numeric	8	Mental health diagnosis two
MH3	Numeric	8	Mental health diagnosis three
NUMMHS	Numeric	8	Number of mental health diagnoses reported
ODDFLG	Numeric	8	Oppositional defiant disorder reported
OPISERVICE	Numeric	8	Other psychiatric inpatient
OTHERDISFLG	Numeric	8	Other mental disorder reported
PDDFLG	Numeric	8	Pervasive developmental disorder reported
PERSONFLG	Numeric	8	Personality disorder reported
RACE	Numeric	8	Race
REGION	Numeric	8	Census region
RTCSERVICE	Numeric	8	Residential treatment center
SAP	Numeric	8	Substance use disorder
SCHIZOFLG	Numeric	8	Schizophrenia or other psychotic disorder reported
SEX	Numeric	8	Sex
SMISED	Numeric	8	SMI/SED status
SPHSERVICE	Numeric	8	State psychiatric hospital services

Variable	Type	Length	Label
STATEFIP	Numeric	8	Reporting state code
SUB	Numeric	8	Substance use diagnosis
TRAUSTREFLG	Numeric	8	Trauma- and stressor-related disorder reported
VETERAN	Numeric	8	Veteran status
YEAR	Numeric	8	Reporting period

Appendix B. Variable Recode Table

Variable	Original codes	Recodes
AGE Age at midpoint of the state's elected reporting period.	Continuous (0–85)	1 0–11 years old 2 12–14 years old 3 15–17 years old 4 18–20 years old 5 21–24 years old 6 25–29 years old 7 30–34 years old 8 35–39 years old 9 40–44 years old 10 45–49 years old 11 50–54 years old 12 55–59 years old 13 60–64 years old 14 65 years and older
ETHNIC Ethnicity (Hispanic origin)	1 Hispanic origin 11 Puerto Rican 12 Mexican 13 Cuban 14 Other specific Hispanic 2 Not of Hispanic origin	1 Mexican 2 Puerto Rican 3 Other Hispanic or Latino origin 4 Not of Hispanic or Latino origin
MARSTAT Marital status	1 Never married 2 Married/Living as a couple 3 Separated 4 Divorced 5 Widowed	1 Never married 2 Now married 3 Separated 4 Divorced, widowed

Variable	Original codes	Recodes
EDUC Education	0 No years of schooling 1 Grade 1 2 Grade 2 3 Grade 3 4 Grade 4 5 Grade 5 6 Grade 6 7 Grade 7 8 Grade 8 9 Grade 9 10 Grade 10 11 Grade 11 12 Grade 12 13 Nursery school 14 Kindergarten 15 Self-contained special education class 16 Vocational school 17 College undergraduate freshman 18 College undergraduate sophomore 19 College undergraduate junior 20 College undergraduate senior 21 Graduate or professional school	1 Special education 2 8 years or less 3 9–11 years 4 12 years (or GED) 5 13 years or more
DETNLF Detailed 'not in labor force'	14 Homemaker 24 Student 34 Retired 44 Disabled 64 Other reported classification 74 Sheltered/non-competitive employment 84 Not in labor force, classification not specified	1 Retired, disabled 2 Student 3 Homemaker 4 Sheltered/non-competitive employment 5 Other
EMPLOY Competitive employment status (aged 16 years or older) – at discharge or end of the reporting period	1 Full-time 2 Part-time 3 Unemployed 5 Employed full-time/part-time not differentiated 14 Homemaker 24 Student 34 Retired 44 Disabled 64 Other reported classification 74 Sheltered/non-competitive employment 84 Not in labor force, classification not specified	1 Full-time 2 Part-time 3 Employed full-time/part-time not differentiated 4 Unemployed 5 Not in labor force

Variable	Original codes	Recodes
LIVARAG Residential status – at discharge or end of reporting period	1 Homeless 2 Foster home/foster care 3 Residential care 4 Crisis residence 5 Institutional setting 6 Jail/correctional facility/other institutions under justice system 7 Private residence 17 Independent living 27 Dependent living 37 Private residence (for children use only) 8 Other residential status	1 Homeless 2 Private residence 3 Other
RACE	2 American Indian and Alaska Native 3 Asian or Pacific Islander 13 Asian 23 Native Hawaiian or Other Pacific Islander 4 Black or African American 5 White 20 Some other race alone 21 Two or more races 22 Hispanic	1 American Indian/Alaska Native 2 Asian 3 Black or African American 4 Native Hawaiian or Other Pacific Islander 5 White 6 Some other race alone/two or more races

Appendix C. Technical Notes

The MH-CLD public use file contains several variables created by combining or recoding original variables submitted by states. The following notes describe how these variables are created or recoded.

Flag variables for mental health diagnoses:

- If first, second, or third mental health diagnosis is 1 *trauma- or stressor-related disorder*, then trauma- or stressor-related disorder flag is 1;
- if first, second, or third mental health diagnosis is 2 *anxiety disorder*, then anxiety disorder flag is 1;
- if first, second, or third mental health diagnosis is 3 *attention deficit/hyperactivity disorder*, then attention deficit/hyperactivity disorder flag is 1;
- if first, second, or third mental health diagnosis is 4 *conduct disorder*, then conduct disorder flag is 1;
- if first, second, or third mental health diagnosis is 5 *delirium/dementia disorder*, then delirium/dementia disorder flag is 1;
- if first, second, or third mental health diagnosis is 6 *bipolar disorder*, then bipolar disorder flag is 1;
- if first, second, or third mental health diagnosis is 7 *depressive disorder*, then depressive disorder flag is 1;
- if first, second, or third mental health diagnosis is 8 *oppositional defiant disorder*, then oppositional defiant disorder flag is 1;
- if first, second, or third mental health diagnosis is 9 *pervasive developmental disorder*, then pervasive developmental disorder flag is 1;
- if first, second, or third mental health diagnosis is 10 *personality disorder*, then personality disorder flag is 1;
- if first, second, or third mental health diagnosis is 11 *schizophrenia or other psychotic disorder*, then schizophrenia or other psychotic disorder flag is 1;
- if first, second, or third mental health diagnosis is 12 *alcohol or substance use disorder*, then alcohol or substance use disorder flag is 1;
- if first, second, or third mental health diagnosis is 13 *other disorders/conditions*, then other disorders/conditions flag is 1.