

Online Resource 2: Diagnostic Subgroup Definitions Used for Primary Psychiatric Diagnoses

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Factors Associated with Follow-Up Mental Health Care After Psychiatric Hospitalization Among Medicaid-Enrolled Children and Youth

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The primary diagnostic subgroups for this study were created based on guidance from the Agency for Healthcare Research and Quality's (AHRQ) (2022) Clinical Classifications Software Refined (CCSR). The CCSR aggregates ICD-10 codes into clinically meaningful diagnostic categories that broadly align with the Diagnostic and Statistical Manual of Mental Disorders (DSM-5). Diagnosis categories from the CCSR were reviewed and narrowed down to a list of 17 categories pertaining to mental health. Substance-use-related codes were removed from these categories, and the remaining codes were consolidated into the following 10 subgroups. Table 1 includes follow-up rates for all 10 diagnostic subgroups. Only four of these subgroups (bolded) were retained for logistic regression modeling, due to a combination of factors— subgroup size, relevance to state-level policymaking, and observed variation in follow-up rates. In the final model, binary variables were created to indicate the presence of a primary diagnosis of a depressive, bipolar, or other mood disorder; anxiety, OCD, or fear disorder; schizophrenia or psychotic disorder; and trauma or stressor disorder.

Diagnostic Subgroups:

- 1. Depressive, Bipolar, Other Mood Disorders**
- 2. Anxiety, OCD, Fear Disorders**
3. Personality Disorders
- 4. Schizophrenia & Psychotic Disorders**
5. Suicidality & Self-Harm
- 6. Trauma & Stressor Disorders**
7. Eating & Feeding Disorders
8. Conduct, Impulse, Disruptive Disorders
9. Neurodevelopmental Disorders
10. Uncategorized Mental Health Conditions (including those related to sexuality, gender identity, pregnancy, somatic conditions, abuse of non-psychoactive substances, and other unspecified mental health disorders)

Complete ICD-10 code lists for each diagnostic subgroup are available from the authors upon request.

Table 1. Follow-Up Mental Health Care After Psychiatric Hospitalization by Primary Diagnostic Subgroup

	No Follow-Up	Follow-Up	% with Follow-Up
Depressive, Bipolar, Other Mood Disorders	1302	1926	59.7%
Anxiety, OCD, Fear Disorders	100	139	58.2%

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Personality Disorders	30	18	37.5%
Schizophrenia & Psychotic Disorders	162	265	62.1%
Suicidality & Self-Harm	40	18	31.0%
Trauma & Stressor Disorders	455	479	51.3%
Eating & Feeding Disorders	43	38	46.9%
Conduct, Impulse, Disruptive Disorders	23	29	55.8%
Neurodevelopmental Disorders	41	38	48.1%
Uncategorized Mental Health Conditions	84	28	25.0%