Appendix Table 1: ICD codes for Depression, Anxiety Disorders, and Substance Abuse

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|  | ICD-9-CM | ICD 10-CM |
| Depression[[1]](#footnote-2) | * 296.20-296.25 (Major Depressive Disorder, single episode: unspecified, mild, moderate, severe without psychotic behavior, severe with psychotic behavior, in partial remission), * 296.30-296.35 (Major Depressive Dis-order, recurrent episode: unspecified, mild, moderate, severe without psychotic behavior, severe with psychotic behavior, in partial remission), * 300.4 (Dysthymic Dis-order) * 311 (Depressive Disorder not Elsewhere Classified); * 296.5 (Bipolar I Disorder, most recent episode de-pressed), * 296.6 (Bipolar I Disorder, most recent episode mixed), * 296.82 (Atypical Depressive Disorder) & * 296.90 (Unspecified Episodic Mood Disorder); * 309.0 (Adjustment Disorder with depressed mood), * 309.1 (Prolonged De-pressive Reaction) & * 309.28 (Adjustment Disorder with mixed anxiety and depressed mood). | * F32.0, F32.1, F32.2, F32.3, F32.4, F32.5, F32.9, F33.0, F33.1, F33.2, F33.3, F33.4 (Major Depressive Disorder Single episode and recurrent) * F34.1 (Peristsent Depressive Disorder) * F31.30,F31.9, F31.31, F31.32, F31.4, F31.5, F31.75, F31.76 * F31.60, F31.61, F31.62, F31.63, F31.64, F31.77, F31.78 * F32.89, * F33.40, F33.9, F33.0, F33.1, F33.2, F33.3, F33.41 * F33.8 (Other specified Depressive Disorder) * F32.9, F33.9 (Unspecified Depressive Disorder) * F34.1 * F34.81 (Disruptive Mood Regulation Disorder) * F39 * F43 (Trauma/Stress related disorders) * F43.21 * F43.23 |
| Anxiety disorders | * + 300.23 (F40.10, F40.11) Social anxiety disorder   + 300.01 (F41.0) panic disorder   + 300.22 (F40.00, F40.02) agoraphobia   + 300.02 (F41.1) generalized anxiety disorder   + 292.89 Substance/medication inducted anxiety disorder   + 293.84 (F06.4) anxiety disorder due to another medical condition   + 300.09 (F41.8) other specified anxiety disorder   + 300.00 (F41.9) unspecified anxiety disorder   + 309.21: separation anxiety disorder   + 312.23, selective mutism   + 300.29 specific phobia (e.g., animal, natural environment) | * + F06.4 anxiety disorder due to another medical condition   + F40.10, F40.11, Social anxiety disorder   + F41.0 panic disorder   + F40.00, F40.02 agoraphobia   + F41.1 generalized anxiety disorder   + F41.8 other specified anxiety disorder   + F41.9 unspecified anxiety disorder   + F11,F12, F13, F14, F15, F16, F17, F18, F19   + F41.3, F41.8   + F91.2   + F93.0   + ICD10: F94.0 (Selective mutism) |
|  | ICD-9-CM | ICD 10-CM |
| Substance abuse[[2]](#footnote-3),[[3]](#footnote-4) | * + (291), alcohol psychoses   + (292), drug psychoses   + (303), alcohol dependence   + (304), drug dependence and   + (305) nondependent abuse of drugs   + Opioid use disorder     - 305.50 mild     - 304.00 moderate     - 304.00 severe     - 292.89 opioid intoxication     - 292.0 opioid withdrawal     - 292.9 unspecified opioid-related disorder | * ICD10: F10 (Alcohol related disorders) * ICD10: F11, F12, F13, F15, F16, F17, F18, F19 (Other substance-related and addicitive disorders including tobacco and opioids)   + Opioid use disorder     - (F11.10) mild     - (F11.20) moderate     - (F11.20) severe |

1. Fiest KM, Jette N, Quan H, St Germaine-Smith C, Metcalfe A, Patten SB, et al. Systematic review and assessment of validated case definitions for depression in administrative data. BMC Psychiatry 2014;14:289. [↑](#footnote-ref-2)
2. Mark, T. L. and Coffey, R. M. (2004). The decline in receipt of substance abuse treatment by the privately insured, 1992-2001. Health affairs (Project Hope), 23(6):157-162. [↑](#footnote-ref-3)
3. Mark, T. L. and Vandivort-Warren, R. (2012). Spending trends on substance abuse treatment under private employer-sponsored insurance, 2001-2009. Drug and alcohol dependence, 125(3):203-207. [↑](#footnote-ref-4)