

Appendix B. Coding Algorithms

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Variable	ICD9 Codes	ICD10 Codes
PTSD	309.81	F43.1x
Bipolar Disorder	296.0x, 296.1x, 296.4x, 296.5x, 296.6x, 296.7, 296.8x	F30.xx, F31.xx
Any Psychotic Disorder	295.xx, 298.0, 298.1, 298.4, 298.8, 298.9, 293.81, 293.82, 296.24, 296.34	F06.0, F06.2, F20.xx, F22, F23, F24, F25.x, F28, F29, F32.3, F33.3, F53
Major Depressive Disorder	296.2x, 296.3x	F32.0, F32.1, F32.2, F32.3, F32.4, F32.5, F32.9, F33.0, F33.1, F33.2, F33.3, F33.4x, F33.9
Other Depressive	293.83, 296.9x, 298.0, 300.4, 301.11, 301.12, 301.13, 309.0, 309.1, 311	F06.31, F06.362, F32.89, F33.8, F34.1
Substance Use Disorders	291.xx, 292.xx, 303.xx, 304.xx, 305.0x, 305.2x, 305.3x, 305.4x, 305.5x, 305.6x, 305.7x, 305.8x, 305.9x	F10.10, F10.12x, F10.14, F10.15x, F10.18x, F10.19, F10.2xx, F10.9xx, F11.10, F11.12x, F11.14, F11.15x, F11.18x, F11.19, F11.2xx, F11.9xx, F12.10, F12.12x, F12.15x, F12.18x, F12.19, F12.20, F12.21, F12.22x, F12.25x, F12.28x, F12.29, F12.90, F12.92x, F12.95x, F12.98x, F12.99, F13.10, F13.12x, F13.14, F13.15x, F13.18x, F13.19, F13.2xx, F13.9xx, F14.10, F14.12x, F14.14, F14.15x, F14.18x, F14.19, F14.2xx, F14.9xx, F15.10, F15.12x, F15.14, F15.15x, F15.18x, F15.19, F15.2xx, F15.9xx, F16.10, F16.12x, F16.14, F16.15x, F16.18x, F16.19, F16.2xx, F16.9xx, F18.10, F18.12x, F18.14, F18.15x, F18.17, F18.18x, F18.19, F18.2xx, F18.9xx, F19.10, F19.12x, F19.14, F19.15x, F19.16, F19.17, F19.18x, F19.19, F19.2xx, F19.9xx
Alcohol Use Disorders	291.xx, 303.xx, 305.0x	F10.10, F10.12x, F10.14, F10.15x, F10.18x, F10.19, F10.2xx, F10.9xx
Personality Disorders	301.x	F21, F60.xx, F69
Anxiety	300.02	F41.1
Insomnia	307.41, 307.42, 307.49, 327.01, 372.02, 327.09, 780.52	F51.0x, G47.0x
Obesity	278.00, 278.01, 278.02	E66.01, E66.3, E66.9
Dislipidemia	272.0, 272.1, 272.2, 272.3, 272.4, 272.7, 272.8, 272.9	E75.21, E75.22, E75.249, E77.0, E77.1, E78.0x, E78.1, E78.2, E78.3, E78.4, E78.5, E78.8x, E78.9
Diabetes	250.xx	E10.1x, E10.29, E10.31x, E10.36, E10.37xx, E10.39, E10.40, E10.51, E10.618, E10.62x, E10.63x, E10.64x, E10.65, E10.69, E10.8, E10.9, E11.0x, E11.21, E11.29, E11.31x, E11.36, E11.39, E11.40, E11.51, E11.618, E11.62x, E11.62x, E11.64x
Hypertension	401.x, 402.xx, 403.xx, 404.xx, 405.xx	I10, I11.x, I12.x, I13.xx, I15.0, I15.8, I16.9
Heart Disease	410.xx, 411.xx, 413.x	I20.1, I20.8, I20.9, I21.09, I21.1x, I21.2x, I21.3, I21.4, I24.0, I24.1, I24.8
Heart Failure	428.xx	I50.1, I50.2x, I50.3x, I50.4x, I50.9
Cardiovascular Disease	430, 431, 433.01, 433.11, 433.21, 433.31, 433.81, 433.91, 434.01, 434.11, 434.91, 436	I60.9, I61.9, I63.019, I63.119, I63.139, I63.20, I63.219, I63.22, I63.239, I63.30, I63.40, I63.50, I63.59, I67.89