**SUPPLEMENTAL MATERIALS**

|  |
| --- |
| **eTable 1. U.S. Department of Defense and U.S. Army administrative data systems that were included in the current study.** |
|  |  |
| **Database Acronym** | **Description** |
|  |  |
| DMDC/CTS | DEFENSE MANPOWER DATA CENTER (DMDC) / CONTINGENCY TRACKING SYSTEM (CTS): Collection of activation, mobilization, and deployment data. Provides information to DoD decision makers and includes a CTS Deployment File used for tracking the location of deployed personnel. |
|  |  |
| DMDC/Master Personnel & DMDC/Transaction files  | DEFENSE MANPOWER DATA CENTER (DMDC) / MASTER PERSONNEL & TRANSACTION FILES: The Active Duty Master File provides an inventory of all individuals on active duty (excluding reservists on active duty for training) at a point in time. It is a standardized and centralized database of present and past members of the active duty force. Personal data elements include social security number, education level, home of record, date of birth, marital status, number of dependents, race, ethnic group, and name. Military data elements include Service, pay grade, Armed Forces Qualification Test percentile (enlisted only), source of commission (officers only), military primary duty and secondary occupation, Unit Identification Code, months of service, duty location, Estimated Termination of Service date, basic active service date, date of current rank, pay entry base date, foreign language ability, and major command code. |
|  |  |
| DODSER | DEPARTMENT OF DEFENSE SUICIDE EVENT REPORT (DODSER): Provides risk and protective factor information for suicide events. This file contains non-fatal attempts and completed suicide cases. |
|  |  |
| MDR | MILITARY HEALTH SYSTEM DATA REPOSITORY (MDR): This database contains information about medical, dental, pharmaceutical, and ancillary claims data for both in network and purchased care as well as both inpatient and outpatient treatment. Data are collected on both Army personnel and their beneficiaries.  |
|  |  |
| TMDS | THEATER MEDICAL DATA STORE (TMDS): Used to track, analyze, view and manage Soldier medical treatment information recorded in the theater of operations. Features of TMDS: accessibility and visibility of service members' deployed medical records, outpatient and inpatient treatment records created in theater facilities, treatment records from other applications, reports on movement of patients, patient status and injury/illnesses. |
|  |  |
| TRAC2ES | TRANSCOM REGULATING AND COMMAND & CONTROL EVACUATION SYSTEM (TRAC2ES): A tracking system for all medical transfers across the world for all DOD services.  |
|   |  |

| **eTable 2. ICD-9-CM** **(CDC, 2013) and ICD-10-CM** **(CDC, 2019) codes** **used to identify mental diagnoses and behavioral stressors** |
| --- |
|  |  |  |
| **Diagnoses** | **ICD-9-CM Codes** | **ICD-10-CM Codes** |
| **I. Mental diagnoses** |  |  |
| Adjustment disorders | 309.29, 309.3, 309.4, 309.82, 309.83, 309.89, 309.9 | F43.20, F43.24, F43.25, F43.29, F43.8, F43.9 |
|  |  |  |
| Dysthymic disorder/Neurasthenia/Depression NOS | 296.82, 296.90, 296.99, 300.4, 300.5, 309.0, 309.1, 313.1 | F32.8, F32.81, F32.89, F33.8, F34, F34.1, F34.8, F34.81, F34.89, F34.9, F39, F43.21 |
|  |  |  |
| Major depression | 296.20, 296.21, 296.22, 296.23, 296.24, 296.25, 296.26, 296.30, 296.31, 296.32, 296.33, 296.34, 296.35, 296.36, 311 | F32, F32.0, F32.1, F32.2, F32.3, F32.4, F32.5, F32.9, F33, F33.0, F33.1, F33.2, F33.3, F33.4, F33.40, F33.41, F33.42, F33.9 |
|  |  |  |
| Bipolar disorder | 296.00, 296.01, 296.02, 296.03, 296.04, 296.05, 296.06, 296.10, 296.11, 296.12, 296.13, 296.14, 296.15, 296.16, 296.40, 296.41, 296.42, 296.43, 296.44, 296.45, 296.46, 296.50, 296.51, 296.52, 296.53, 296.54, 296.55, 296.56, 296.60, 296.61, 296.62, 296.63, 296.64, 296.65, 296.66, 296.7, 296.80, 296.81, 296.89, 301.13 | F30, F30.1, F30.10, F30.11, F30.12, F30.13, F30.2, F30.3, F30.4, F30.8, F30.9, F31, F31.0, F31.1, F31.10, F31.11, F31.12, F31.13, F31.2, F31.3, F31.30, F31.31, F31.32, F31.4, F31.5, F31.6, F31.60, F31.61, F31.62, F31.63, F31.64, F31.7, F31.70, F31.71, F31.72, F31.73, F31.74, F31.75, F31.76, F31.77, F31.78, F31.8, F31.81, F31.89, F31.9, F34.0 |
|  |  |  |
| Anxiety state/anxiety disorder | 300.00, 300.01, 300.02, 300.09, 300.20, 300.21, 300.22, 300.23, 300.29, 300.3, 309.21, 309.24, 309.28, 313.0, 313.21, 313.22, 313.23 | F40, F40.0, F40.00, F40.01, F40.02, F40.1, F40.10, F40.11, F40.2, F40.21, F40.210, F40.218, F40.22, F40.220, F40.228, F40.23, F40.230, F40.231, F40.232, F40.233, F40.24, F40.240, F40.241, F40.242, F40.243, F40.248, F40.29, F40.290, F40.291, F40.298. F40.8, F40.9, F41, F41.0, F41.1, F41.3, F41.8, F41.9, F42, F42.2, F42.3, F42.4, F42.8, F42.9, F43.2, F43.22, F43.23, F93, F93.0, F94.0 |
|  |  |  |
| PTSD | 309.81  | F43.1, F43.10, F43.11, F43.12 |
|  |  |  |
| Traumatic stress | 308.0, 308.1, 308.2, 308.3, 308.4, 308.9 | F43, F43.0, R45.7 |
|  |  |  |
| ADHD/learning disorders | 314.00, 314.01, 314.1, 314.2, 314.8, 314.9, 315.00, 315.01, 315.02, 315.09, 315.1, 315.2, 315.31, 315.32, 315.34, 315.39, 315.4, 315.5, 315.8, 315.9 | F80, F80.0, F80.1, F80.2, F80.4, F80.8, F80.81, F80.82, F80.89, F80.9, F81, F81.0, F81.2, F81.8, F81.81, F81.89, F81.9, F82, F88, F89, F90, F90.0, F90.1, F90.2, F90.8, F90.9, H93.25, R48.0 |
|  |  |  |
| Conduct disorder/oppositional defiant disorder | 301.7, 312.4, 312.81, 312.82, 312.89, 312.9, 313.81, V62.83 | F60.2, F91, F91.0, F91.1, F91.2, F91.3, F91.8, F91.9, Z69.021, Z69.82 |
|  |  |  |
| Eating disorders | 307.1, 307.50, 307.51, 307.59 | F50, F50.0, F50.00, F50.01, F50.02, F50.2, F50.8, F50.81, F50.82, F50.89, F50.9, F98.29 |
|  |  |  |
| Other impulse control disorders | 312.00, 312.01, 312.02, 312.03, 312.10, 312.11, 312.12, 312.13, 312.20, 312.21, 312,22, 312,23, 312.30, 312.31, 312.32, 312.33, 312.34, 312.35, 312.39 | F63, F63.0, F63.1, F63.2, F63.3, F63.8, F63.81, F63.89, F63.9 |
|  |  |  |
| Alcohol-induced mental disorders/dependence/abuse | 291.0, 291.1, 291.2, 291.3, 291.4, 291.5, 291.81, 291.82, 291.89, 291.9, 303.00, 303.01, 303.02, 303.03, 303.90, 303.91, 303.92, 303.93, 305.00, 305.01, 305.02, 305.03 | F10, F10.1, F10.10, F10.11, F10.12, F10.120, F10.121, F10.129, F10.14, F10.15, F10.150, F10.151, F10.159, F10.18, F10.180, F10.181, F10.182, F10.188, F10.19, F10.2, F10.20, F10.21, F10.22, F10.220, F10.221, F10.229, F10.23, F10.230, F10.231, F10.232, F10.239, F10.24, F10.25, F10.250, F10.251, F10.259, F10.26, F10.27, F10.28, F10.280, F10.281, F10.282, F10.288, F10.29, F10.9, F10.92, F10.920, F10.921, F10.929, F10.94, F10.95, F10.950, F10.951, F10.959, F10.96, F10.97, F10.98, F10.980, F10.981, F10.982, F10.988, F10.99  |
|  |  |  |
| Drug-induced mental disorders | 292.0, 292.11, 292.12, 292.2, 292.81, 292.82, 292.83, 292.84, 292.85, 292.89, 292.9 | F11.121, F11.122, F11.14, F11.15, F11.150, F11.151, F11.159, F11.18, F11.181, F11.182, F11.188, F11.19, F11.221, F11.222, F11.24, F11.25, F11.250, F11.251, F11.259, F11.28, F11.281, F11.282, F11.288, F11.29, F11.921, F11.922, F11.94, F11.95, F11.950, F11.951, F11.959, F11.98, F11.981, F11.982, F11.988, F11.99, F12.121, F12.122, F12.15, F12.150, F12.151, F12.159, F12.18, F12.180, F12.188, F12.19, F12.221, F12.222, F12.25, F12.250, F12.251, F12.28, F12.280, F12.288, F12.29, F12.921, F12.922, F12.95, F12.950, F12.951, F12.959, F12.98, F12.980, F12.988, F12.99, F13.121, F13.14, F13.15, F13.150, F13.151, F13.159, F13.18, F13.180, F13.181, F13.182, F13.188, F13.19, F13.221, F13.23, F13.231, F13.232, F13.24, F13.25, F13.250, F13.251, F13.26, F13.27, F13.28, F13.280, F13.281, F13.282, F13.288, F13.29, F13.921, F13.931, F13.932, F13.94, F13.95, F13.950, F13.951, F13.959, F13.96, F13.97, F13.98, F13.980, F13.981, F13.982, F13.988, F13.99, F14.121, F14.122, F14.14, F14.15, F14.150, F14.151, F14.159, F14.18, F14.180, F14.181, F14.182, F14.188, F14.19, F14.221, F14.222, F14.23, F14.24, F14.25, F14.250, F14.251, F14.28, F14.280, F14.281, F14.282, F14.288, F14.29, F14.921, F14.922, F14.94, F14.95, F14.950, F14951, F14.959, F14.98, F14.980, F14.981, F14.982, F14.988, F14.99, F15.121, F15.122, F15.14, F15.15, F15.150, F15.151, F15.159, F15.18, F15.180, F15.181, F15.182, F15.188, F15.19, F15.221, F15.222, F15.24, F15.25, F15.520, F15.251, F15.259, F15.28, F15.280, F15.281, F15.282, F15.288, F15.29, F15.921, F15.922, F15.93, F15.94, F15.95, F15.950, F15.951, F15.959, F15.98, F15.980, F15.981, F15.982, F15.988, F15.99, F16.121, F16.122, F16.14, F16.15, F16.150, F16.151, F16.159, F16.18, F16.180, F16.183, F16.188, F16.19, F16.221, F16.24, F16.25, F16.250, F16.251, F16.259, F16.28, F16.280, F16.283, F16.288, F16.29, F16.921, F16.94, F16.95, F16.950, F16.951, F16.959, F16.98, F16.980, F16.983, F16.988, F16.99, F18.121, F18.14, F18.15, F18.150, F18.151, F18.159, F18.17, F18.18, F18.180, F18.188, F18.19, F18.221, F18.24, F18.25, F18.250, F18.251, F18.259, F18.27, F18.28, F18.280, F18.288, F18.29, F18.921, F18.94, F18.95, F18.950, F18.951, F18.959, F18.97, F18.98, F18.980, F18.988, F18.99, F19.121, F19.122, F19.14, F19.15, F19.150, F19.151, F19.159, F19.16, F19.17, F19.18, F19.180, F19.181, F19.182, F19.188, F19.19, F19.221, F19.222, F19.231, F19.232, F19.24, F19.25, F19.250, F19.251, F19.259, F19.26, F19.27, F19.28, F19.280, F19.281, F19.282, F19.288, F19.29, F19.921, F19.922, F19.931, F19.932, F19.94, F19.95, F19.950, F19.951, F19.959, F19.96, F19.97, F19.98, F19.980, F19.981, F19.982, F19.988, F19.99 |
|  |  |  |
| Drug abuse without dependence | 305.20, 305.21, 305.22, 305.23, 305.30, 305.31, 305.32, 305.33, 305.40, 305.41, 305.42, 305.43, 305.50, 305.51, 305.52, 305.53, 305.60, 305.61, 305.62, 305.63, 305.70, 305.71, 305.72, 305.73, 305.80, 305.81, 305.82, 305.83, 305.90, 305.91, 305.92, 305.93 | F11, F11.1, F11.10, F11.11, F11.12, F11.120, F11.129, F11.9, F11.90, F11.92, F11.920, F11.929, F11.93, F12, F12.1, F12.10, F12.11, F12.12, F12.120, F12.129, F12.9, F12.90, F12.92, F12.920, F12.929, F12.93, F13, F13.1, F13.10, F13.11, F13.12, F13.120, F13.129, F13.9, F13.90, F13.92, F13.920, F13.929, F13.93, F13.930, F13.939, F14, F14.1, F14.10, F14.11, F14.12, F14.120, F14.129, F14.9, F14.90, F14.92, F14.920, F14.929, F15, F15.1, F15.10,F15.11, F15.12, F15.120, F15.129, F15.9, F15.90, F15.92, F15.920, F15.929, F16, F16.1, F16.10, F16.11, F16.12, F16.120, F16.129, F16.9, F16.90, F16.92, F16.920, F16.929, F17.208, F17.218, F17.219, F17.228, F17.298, F17.299, F18, F18.1, F18.10, F18.11, F18.12, F18.120, F18.129, F18.9, F18.90, F18.92, F18.920, F18.929, F19, F19.1, F19.10, F19.11, F19.12, F19.120, F19.129, F19.9, F19.90, F19.92, F19.920, F19.929, F19.93, F19.930, F19.939, F55, F55.0, F55.1, F55.2, F55.3, F55.4, F55.8  |
|  |  |  |
| Drug dependence | 304.00, 304.01, 304.02, 304.03, 304.10, 304.11, 304.12, 304.13, 304.20, 304.21, 304.22, 304.23, 304.30, 304.31, 304.32, 304.33, 304.40, 304.41, 304.42, 304.43, 304.50, 304.51, 304.52, 304.53, 304.60, 304.61, 304.62, 304.63, 304.70, 304.71, 304.72, 304.73, 304.80, 304.81, 304.82, 304.83, 304.90, 304.91, 304.92, 304.93,  | F11.2, F11.20, F11.21, F11.22, F11.220, F11.229, F11.23, F12.2, F12.20, F12.21, F12.22, F12.220, F12.229, F12.23, F12.259, F13.2, F13.20, F13.21, F13.22, F13.220, F13.229, F13.230, F13.239, F13.259, F14.2, F14.20, F14.21, F14.22, F14.220, F14.229, F14.259, F15.2, F15.20, F15.21, F15.22, F15.220, F15.229, F15.23, F16.2, F16.20, F16.21, F16.22, F16.220, F16.229, F18.2, F18.20, F18.21, F18.22, F18.220, F18.229, F19.2, F19.20, F19.21, F19.22, 19.220, F19.229, F19.23, F19.230, F19.239 |
|  |  |  |
| Tobacco use disorder | 305.1 | F17, F17.2, F17.20, F17.200, F17.201, F17.203, F17.209, F17.21, F17.210, F17.211, F17.213, F17.22, F17.220, F17.221, F17.223, F17.229, F17.29, F17.290, F17.291, F17.293, Z72.0 |
|  |  |  |
| Personality disorders | 301.0, 301.10, 301.11, 301.12, 301.20, 301.21, 301.22, 301.3, 301.4, 301.50, 301.51, 301.59, 301.6, 301.81, 301.82, 301.83, 301.84, 301.89, 301.9 | F21, F60, F60.0, F60.1, F60.3, F60.4, F60.5, F60.6, F60.7, F60.8, F60.81, F60.89, F60.9, F68.10, F68.12, F68.A, F69 |
|  |  |  |
| Non-affective psychosis | 295.00, 295.01, 295.02, 295.03, 295.04, 295.05, 295.10, 295.11, 295.12, 295.13, 295.14, 295.15, 295.20, 295.21, 295.22, 295.23, 295.24, 295.25, 295.30, 295.31, 295.32, 295.33, 295.34, 295.35, 295.40, 295.41, 295.42, 295.43, 295.44, 295.45, 295.50, 295.51, 295.52, 295.53, 295.54, 295.55, 295.60, 295.61, 295.62, 295.63, 295.64, 295.65, 295.70, 295.71, 295.72, 295.73, 295.74, 295.75, 295.80, 295.81, 295.82, 295.83, 295.84, 295.85, 295.90, 295.91, 295.92, 295.93, 295.94, 295.95, 297.0, 297.1, 297.2, 297.3, 297.8, 297.9, 298.0, 298.1, 298.2, 298.3, 298.4, 298.8, 298.9 | F20, F20.0, F20.1, F20.2, F20.3, F20.5, F20.8, F20.81, F20.89, F20.9, F22, F23, F24, F25, F25.0, F25.1, F25.8, F25.9, F28, F29 |
|  |  |  |
| Somatoform/dissociative disorders | 300.10, 300.11, 300.12, 300.13, 300.14, 300.15, 300.16, 300.19, 300.6, 300.7, 300.81, 300.82, 300.89, 306.0, 306.1, 306.2, 306.3, 306.4, 306.50, 306.51, 306.52, 306.53, 306.59, 306.6, 306.7, 306.8, 306.9, 307.54, 307.80, 307.81, 307.89 | F44, F44.0, F44.1, F44.2, F44.4, F44.5, F44.6, F44.7, F44.8, F44.81, F44.89, F44.9, F45, F45.0, F45.1, F45.2, F45.20, F45.21, F45.22, F45.29, F45.4, F45.41, F45.42, F45.8, F45.9, F48.1, F48.2, F48.8, F52.5, F59, F68, F68.1, F68.11, F68.13, F68.8, G44.209 |
|  |  |  |
| Organic mental disorders | 290.0, 290.10, 290.11, 290.12, 290.13, 290.20, 290.21, 290.3, 290.40, 290.41, 290.42, 290.43, 290.8, 290.9, 293.0, 293.1, 293.81, 293.82, 293.83, 293.84, 293.89, 293.9, 294.0, 294.10, 294.11, 294.20, 294.21, 294.8, 294.9, 307.20, 307.21, 307.22, 307.23, 307.3, 310.0, 310.81, 310.89, 310.9, 317, 318.0, 318.1, 318.2, 319 | F01, F01.5, F01.50, F01.51, F02, F02.8, F02.80, F02.81, F03, F03.9, F03.90, F03.91, F04, F05, F06, F06.0, F06.1, F06.2, F06.3, F06.30, F06.31, F06.32, F06.33, F06.34, F06.4, F06.8, F07, F07.0, F07.8, F07.89, F07.9, F09, F53, F53.0, F53.1, F70, F71, F72, F73, F78, F79, F95, F95.0, F95.1, F95.2, F95.8, F95.9, F98.4, R41.83  |
|  |  |  |
| Sexual disorders | 302.0, 302.1, 302.2, 302.3, 302.4, 302.50, 302.51, 302.52, 302.53, 302.6, 302.70, 302.71, 302.72, 302.73, 302.74, 302.75, 302.76, 302.79, 302.81, 302.82, 302.83, 302.84, 302.85, 302.89, 302.9 | F52, F52.0, F52.1, F52.2, F52.21, F52.22, F52.3, F52,31, F52.32, F52.4, F52.6, F52.8, F52.9, F64, F64.0, F64,1, F64.2, F64,8, F64,9, F65, F65.0, F65.1, F65.2, F65.3, F65,4, F65.5, F65.50, F65.51, F65.52, F65.8, F65.81, F65.89, F65.9, F66, R37, Z87.890 |
|  |  |  |
| Sleep disorders | 307.40, 307.41, 307.42, 307.43, 307.44, 307.45, 307.46, 307.47, 307.48, 307.49 | F51, F51.0, F51.01, F51.02, F51.03, F51.04, F51.05, F51.09, F51.1, F51.11, F51.12, F51.13, F51.19, F51.3, F51.4, F51.5, F51.8, F51.9 |
|  |  |  |
| Other mental disorders/mental illness | 299.00, 299.01, 299.10, 299.11, 299.80, 299.81, 299.90, 299.91, 300.9, 307.0, 307.52, 307.53, 307.6, 307.7, 307.9, 309.22, 310.1, 313.3, 313.82, 313.89, 313.9, 316 | F48, F48.9, F54, F84, F84.0, F84.2, F84.3, F84.5, F84.8, F84.9, F93.8, F93.9, F94, F94.1, F94.2, F94.8, F94.9, F98, F98.0, F98.1, F98.2, F98.21, F98.3, F98.5, F98.8, F98.9, F99, R45.1, R45.2, R45.5, R45.6, R45.81, R45.82 |
| Postconcussion Syndrome | 310.2 | F07.81 |
|  |  |  |
| **II. Suicidal Ideation & V / Z / R Stressor Codes** |  |  |
|  |  |  |
| Suicidal ideation | V62.84 | R45.851 |
|  |  |  |
| Indicator of impulsivity and risky behavior | V69.2, V69.3 | Z72.51, Z72.52, Z72.53, Z72.6 |
|  |  |  |
| Stressors/adversities & marital problems | V40.0, V40.1, V40.2, V40.9, V61.01, V61.02, V61.03, V61.04, V61.05, V61.06, V61.07, V61.08, V61.09, V61.10, V61.11, V61.12, V61.20, V61.21, V61.22, V61.23, V61.24, V61.25, V61.29, V61.3, V61.41, V61.42, V61.49, V61.8, V61.9, V62.0, V62.1, V62.21, V62.22, V62.29, V62.3, V62.4, V62.5, V62.81, V62.82, V62.89, V62.9, V69.4, V69.5, V69.9 | Z55.0, Z55.1, Z55.2, Z55.3, Z55.4, Z55.8, Z55.9, Z56.0, Z56.1, Z56.2, Z56.3, Z56.4, Z56.5, Z56.6, Z56.81, Z56.89, Z56.9, Z57.0, Z57.1, Z57.2, Z57.31, Z57.39, Z57.4, Z57.5, Z57.6, Z57.7, Z57.8, Z57.9, Z60.0, Z60.3, Z60.4, Z60.5, Z60.8, Z60.9, Z62.0, Z62.1, Z62.22, Z62.29, Z62.3, Z62.6, Z62.810, Z62.811, Z62.812, Z62.819, Z62.820, Z62.821, Z62.822, Z62.890, Z62.891, Z62.898, Z62.9, Z63.0, Z63.1, Z63.31, Z63.32, Z63.4, Z63.5, Z63.6, Z63.71, Z63.72, Z63.79, Z63.8, Z63.9, Z64.4, Z65.0, Z65.1, Z65.2, Z65.3, Z65.4, Z65.5, Z65.8, Z65.9, Z69.010, Z69.011, Z69.020, Z69.11, Z69.12, Z72.820, Z72.821, Z72.89, Z72.9, Z73.0, Z73.1, Z73.2, Z73.3, Z73.4, Z73.5, Z73.6, Z73.810, Z73.811, Z73.812, Z73.819, Z73.89, Z73.9 |
|  |  |  |

Abbreviations: ICD-9-CM, International Classification of Diseases, Ninth Revision Clinical Modification; ICD-10-CM, International Classification of Diseases, Tenth Revision Clinical Modification; PTSD, post-traumatic stress disorder; ADHD, attention deficit-hyperactivity disorder.

Centers for Disease Control and Prevention. The International Classification of Diseases, ninth revision, Clinical Modification (ICD-9-CM). 2013; https://www.cdc.gov/nchs/icd/icd9cm.htm. Accessed June 10, 2021.

Centers for Disease Control and Prevention. The International Classification of Diseases, tenth revision, Clinical Modification (ICD-10-CM). 2019; https://www.cdc.gov/nchs/icd/icd10cm.htm. Accessed June 10, 2021.

**Supplemental Sample Information**

The NSS survey was administered to representative samples of U.S. Army soldiers beginning Basic Combat Training (BCT) at Fort Benning, GA, Fort Jackson, SC, and Fort Leonard Wood, MO between April 2011 and November 2012. Recruitment began by selecting weekly samples of 200–300 new soldiers at each BCT installation to attend an informed consent presentation within 48 hours of reporting for duty. The presentations explained study purposes, confidentiality, and voluntary participation, then answered all attendee questions before seeking written informed consent to give a self-administered computerized questionnaire (SAQ) and neurocognitive tests and to link these data prospectively to the soldier’s administrative records. These study recruitment and consent procedures were approved by the Human Subjects Committees of all Army STARRS collaborating organizations. The 21,772 NSS respondents considered here represent all Regular Army enlisted soldiers who completed the SAQ and agreed to administrative data linkage (77.1% response rate). Data were doubly-weighted to adjust for differences in survey responses among the respondents who did versus did not agree to administrative record linkage and differences in administrative data profiles between the latter subsample and the population of all new soldiers. More details on NSS weighting are reported elsewhere (Kessler et al., 2013). Using the survey-linked administrative data, person-month records were created by coding each month of a soldier’s career separately for each administrative variable and allowing values to change over time for an individual soldier (Singer & Willett, 2003; Willett & Singer, 1993). Respondents were followed via administrative data for up to 48 months. The actual number of administrative person-months available for NSS respondents varied because of attrition.

|  |
| --- |
| **eTable 3. Bivariate correlations between sex, age, mental health diagnosis, and attachment style (dichotomized response scale).** |
|  |  |
|  | **Correlation (*r*)** |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| 1. Sex (Male = 0, Female = 1) | – |  |  |  |  |  |  |
| 2. Age | -0.011\* | – |  |  |  |  |  |
| 3. Mental Health Diagnosis | 0.115\* | 0.133\* | – |  |  |  |  |
| 4. Preoccupied Attachment | 0.001\* | -0.046\* | 0.041\* | – |  |  |  |
| 5. Fearful Attachment | 0.051\* | -0.032\* | 0.039\* | 0.310\* | – |  |  |
| 6. Dismissing Attachment | 0.084\* | 0.014\* | 0.016\* | 0.106\* | 0.283\* | – |  |
| 7. Secure Attachment | -0.010\* | -0.007\* | 0.008\* | 0.015\* | -0.051\* | -0.130\* | – |

\**p* < .0001, two-tailed

|  |
| --- |
| **eTable 4. Bivariate correlations between sex, age, mental health diagnosis, and attachment style (original 5-point Likert-type response scale).** |
|  |  |
|  | **Correlation (*r*)** |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| 1. Sex (Male = 0, Female = 1) | – |  |  |  |  |  |  |
| 2. Age | -0.011\* | – |  |  |  |  |  |
| 3. Mental Health Diagnosis | 0.115\* | 0.133\* | – |  |  |  |  |
| 4. Preoccupied Attachment | -0.012\* | -0.062\* | 0.046\* | – |  |  |  |
| 5. Fearful Attachment | 0.074\* | -0.037\* | 0.042\* | 0.416\* | – |  |  |
| 6. Dismissing Attachment | 0.095\* | 0.017\* | 0.016\* | 0.139\* | -0.376\* | – |  |
| 7. Secure Attachment | -0.018\* | -0.011\* | -0.000 | 0.036\* | -0.079\* | -0.306\* | – |

\**p* < .0001, two-tailed