**Table 2B. Symptom Severity of Burnout, Anxiety, Distress, and Depression Measurements in Total Cohort and Subgroups (Location, Surge status, State COVID-19 positive case numbers, and State COVID-19 deaths)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Location, N (%)** | | | | | **Surge, N (%)** | | | | **Cases, N (%)** | | | **Deaths, N (%)** | | |
| **Severity category** | **Total, N (%)** | **Midwest** | **Northeast** | **South** | **West** | **P value** | **Pre** | **Surge** | **Post** | **P value** | **<20,000** | **>20,000** | **P value** | **<1,000** | **>1,000** | **P value** |
| **Mini-Z: burnout symptoms** | | | | | | | | | | | | | | | | |
| Negative | 273 (78.2) | 95 (75.4) | 84 (78.5) | 63 (84.0) | 31 (75.6) | 0.526 | 22 (78.6) | 161 (78.5) | 90 (77.6) | 0.979 | 153 (81.0) | 120 (75.0) | 0.225 | 153 (81.0) | 120 (75.0) | 0.225 |
| Positive | 76 (21.8) | 31 (24.6) | 23 (21.5) | 12 (16.0) | 10 (24.4) | 6 (21.4) | 44 (21.5) | 26 (22.4) | 36 (19.0) | 40 (25.0) | 36 (19.0) | 40 (25.0) |
| **GAD-7: anxiety symptoms** | | | | | | | | | | | | | | | | |
| Normal | 182 (52.1) | 69 (54.8) | 55 (51.4) | 38 (50.7) | 20 (48.8) | 0.867 | 12 (42.9) | 113 (55.1) | 57 (49.1) | 0.202 | 105 (55.6) | 77 (48.1) | 0.427 | 102 (54.0) | 80 (50.0) | 0.705 |
| Mild | 101 (28.9) | 31 (24.6) | 32 (29.9) | 23 (30.7) | 15 (36.6) | 6 (21.4) | 55 (26.8) | 40 (34.5) | 53 (28.0) | 48 (30.0) | 52 (27.5) | 49 (30.6) |
| Moderate | 40 (11.5) | 17 (13.5) | 13 (12.1) | 8 (10.7) | 2 (4.9) | 7 (25.0) | 22 (10.7) | 11 (9.5) | 20 (10.6) | 20 (12.5) | 23 (12.2) | 17 (10.6) |
| Severe | 26 (7.4) | 9 (7.1) | 7 (6.5) | 6 (8.0) | 4 (9.8) | 3 (10.7) | 15 (7.3) | 8 (6.9) | 11 (5.8) | 15 (9.4) | 12 (6.3) | 14 (8.8) |
| **GAD-7: difficulty functioning** | | | | | | | | | | | | | | | | |
| Not difficult | 163 (46.7) | 61 (48.4) | 48 (44.9) | 37 (49.3) | 17 (41.5) | 0.562 | 10 (35.7) | 100 (48.8) | 53 (45.7) | 0.269 | 94 (49.7) | 69 (43.1) | 0.161 | 92 (48.7) | 71 (44.4) | 0.230 |
| Somewhat difficult | 168 (48.1) | 57 (45.2) | 55 (51.4) | 36 (48.0) | 20 (48.8) | 14 (50.0) | 96 (46.8) | 58 (50.0) | 86 (45.5) | 82 (51.2) | 88 (46.6) | 80 (50.0) |
| Very difficult | 15 (4.3) | 6 (4.8) | 4 (3.7) | 1 (1.3) | 4 (9.8) | 3 (10.7) | 7 (3.4) | 5 (4.3) | 6 (3.2) | 9 (5.6) | 6 (3.2) | 9 (5.6) |
| Extremely difficult | 3 (0.9) | 2 (1.6) | 0 (0.0) | 1 (1.3) | 0 (0.0) | 1 (3.6) | 2 (1.0) | 0 (0.0) | 3 (1.6) | 0 (0.0) | 3 (1.6) | 0 (0.0) |
| **IES: distress symptoms** | | | | | | | | | | | | | | | | |
| Subclinical | 139 (39.8) | 52 (41.3) | 33 (30.8) | 39 (52.0) | 15 (36.6) | 0.223 | 10 (35.7) | 90 (43.9) | 39 (33.6) | 0.228 | 88 (46.6) | 51 (31.9) | **0.027** | 89 (47.1) | 50 (31.2) | **0.013** |
| Mild | 114 (32.7) | 40 (31.7) | 41 (38.3) | 16 (21.3) | 17 (41.5) | 9 (32.1) | 56 (27.3) | 49 (42.2) | 51 (27.0) | 63 (39.4) | 50 (26.5) | 64 (40.0) |
| Moderate | 73 (20.9) | 25 (19.8) | 26 (24.3) | 16 (21.3) | 6 (14.6) | 7 (25.0) | 44 (21.5) | 22 (19.0) | 37 (19.6) | 36 (22.5) | 37 (19.6) | 36 (22.5) |
| Severe | 23 (6.6) | 9 (7.1) | 7 (6.5) | 4 (5.3) | 3 (7.3) | 2 (7.1) | 15 (7.3) | 6 (5.2) | 13 (6.9) | 10 (6.2) | 13 (6.9) | 10 (6.2) |
| **PHQ-2: depression symptoms** | | | | | | | | | | | | | | | | |
| Negative | 312 (89.4) | 115 (91.3) | 97 (90.7) | 63 (84.0) | 37 (90.2) | 0.395 | 22 (78.6) | 187 (91.2) | 103 (88.8) | 0.121 | 171 (90.5) | 141 (88.1) | 0.592 | 168 (88.9) | 144 (90.0) | 0.872 |
| Positive | 37 (10.6) | 11 (8.7) | 10 (9.3) | 12 (16.0) | 4 (9.8) | 6 (21.4) | 18 (8.8) | 13 (11.2) | 18 (9.5) | 19 (11.9) | 21 (11.1) | 16 (10.0) |