**SDC 4. Sample Characteristics of HHC Patients With ADL Improvement**

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| --- | --- | --- | --- | --- |
| **Variable** | **Total**  **N=105654(%)** | **Improved**  **n=89997(%)** | **No change or decline**  **n=64804(%)** | **p-value** |
| **Predisposing factors** |  |  |  |  |
| Age years, mean (SD) | 77.19 (11.4) | 77.12 (11.2) | 77.62 (12.8) | <0.001 |
| Gender (reference, Male) |  |  |  |  |
| Male | 36,504 (34.6) | 30,853 (34.3) | 5,651 (36.1) | <0.001 |
| Female | 69,150 (65.4) | 59,144 (65.7) | 10,006 (63.9) |
| Race (reference, White) |  |  |  |  |
| White | 85,977(81.4) | 73,755 (82.0) | 12,222 (78.1) | <0.001 |
| Black | 10,578 (10.0) | 8,681 (9.6) | 1,897 (12.1) |
| Hispanic/Latino | 6,781 (6.4) | 5,632 (6.3) | 1,149 (7.3) |
| Other | 2,318 (2.2) | 1,929 (2.1) | 389 (2.5) |
|  |  |  |  |  |
| **Enabling factors** |  |  |  |  |
| Lives alone | 28,418 (26.9) | 24,485 (27.2) | 3,933 (25.1) | <0.001 |
| Insurance (reference, Medicare) |  |  |  |  |
| Medicare | 102,266 (96.8) | 87,339 (97.0) | 14,927 (95.3) | <0.001 |
| Medicaid | 697 (0.7) | 475 (0.5) | 222 (1.4) |
| Dual eligible | 2,691 (2.5) | 2,183 (2.4) | 508 (3.2) |
|  |  |  |  |  |
| **Need factors (health condition and functions)** |  |  |  |  |
| Charlson Index, mean (SD) | 0.89 (1.2) | 0.77 (1.11) | 0.93 (1.30) | <0.001 |
| Prior inpatient stay (reference, no prior inpatient stay) |  |  |  |  |
| No prior inpatient stay | 30,466 (28.8) | 24,048 (26.7) | 6,418 (41.0) | <0.001 |
| Skilled Nursing Facility | 17,735 (16.8) | 15,746 (17.5) | 1,989 (12.7) |
| Acute Care Hospital | 47,750 (45.2) | 41,633 (46.3) | 6,117 (39.1) |
| Other (e.g LTACH, IRF, Psychiatric hospital or unit) | 9,703 (9.2) | 8,570 (9.5) | 1,133 (7.2) |
| Impaired Decision Making | 18,287 (17.3) | 14,712 (16.3) | 3,575 (22.8) | <0.001 |
| HHC LOS | 32.7 (21.04) | 31.29 (18.07) | 28.70 (20.75) | <0.001 |