Appendix B. Additional Tables

4.1 Data and Samples

**4.1.3 Characteristics of Measured Entities** \*

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| **Table 1. Characteristics of Measured Entities and Patients Cared for in Them (FY22 and FY23)** | | |
|  | **Person-Level, n=11,568** | **Facility-Level, n=146** |
| Region, n(%) |  |  |
| East | 2,379 (20.6) | 38 (26.0) |
| Midwest | 2,698 (23.3) | 35 (24.0) |
| South | 4,074 (35.2) | 43 (29.5) |
| West | 2,417 (20.9) | 30 (20.5) |
| Facility Complexity Level, n(%) |  |  |
| High | 9,424 (81.5) | 94 (64.4) |
| Low | 2,144 (18.5) | 52 (35.6) |

**4.1.4 Characteristics of Units of the Eligible Population** \*

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| **Table 2. Characteristics of Units of the Eligible Population (FY22 and FY23)** | | | |
| **Veteran Characteristics** | **Test-Retest Sample, n=116** | **BFS Non-Responders n=16,325** | **BFS Responders, n=11,568** |
| *Patient age: mean (SD)* | 80.5 (8.8) | 75.8 (10.6) | 78.2 (10.4) |
| *Patient male sex: n (%)* | 113 (97.4) | 15,775 (96.6) | 11,259 (97.3) |
| *Patient race/ethnicity: n (%)* |  |  |  |
| Non-Hispanic White | 97 (83.6) | 10,458 (64.1) | 8,361 (72.3) |
| Non-Hispanic Black | 11 (9.5) | 3,485 (21.3) | 1,820 (15.7) |
| Hispanic | 4 (3.4) | 1,219 (7.5) | 597 (5.2) |
| American Indian/Alaska Native | 0 | 123 (0.7) | 82 (0.7) |
| Non-Hispanic Asian or Pacific Islander or | 2 (1.7) | 170 (1.0) | 115 (1.0) |
| Did not disclose/unknown | 2 (1.7) | 870 (5.3) | 593 (5.1) |
| *Primary Diagnosis on Last Admission: n (%)* |  |  |  |
| Infectious and parasitic diseases | 23 (19.8) | 3,747 (22.9) | 2,202 (19.0) |
| Neoplasms | 21 (18.1) | 3,317 (20.3) | 2,403 (20.8) |
| Endocrine, nutritional, and metabolic diseases & immunity disorders | 4 (3.4) | 491 (3.0) | 288 (2.5) |
| Diseases of the blood and blood forming organs | 0 | 90 (0.5) | 51 (0.4) |
| Mental illness | 3 (2.6) | 742 (4.5) | 748 (6.5) |
| Diseases of the central nervous system and sense organs | 5 (4.3) | 551 (3.4) | 508 (4.4) |
| Diseases of the circulatory system | 16 (13.8) | 1,980 (12.1) | 1,463 (12.6) |
| Diseases of the respiratory system | 12 (10.3) | 1,687 (10.3) | 1,257 (10.9) |
| Diseases of the digestive system | 5 (4.3) | 727 (4.4) | 480 (4.1) |
| Diseases of the genitourinary system | 2 (1.7) | 346 (2.1) | 213 (1.8) |
| Complications and procreative management | 0 | 0 | 0 |
| Diseases of the skin and subcutaneous tissue | 1 (0.9) | 87 (0.5) | 66 (0.6) |
| Diseases of the musculoskeletal system and connective tissue | 2 (1.7) | 171 (1.0) | 99 (0.9) |
| Congenital abnormalities | 0 | 0 | 0 |
| Certain conditions originating in the perinatal period | 0 | 0 | 0 |
| Injury and poisoning | 1 (0.9) | 441 (2.7) | 273 (2.4) |
| Symptoms, signs and ill-defined conditions and factors influencing health status | 0 | 193 (1.2) | 159 (1.4) |
| Residual codes, unclassified, all E/V codes | 7 (6.0) | 879 (5.4) | 720 (6.2) |
| None Listed | 14 (12.1) | 876 (5.4) | 638 (5.5) |

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## 4.4 Risk Adjustment

**4.4.3 Risk Factor Characteristics Across Measured Entities** \*

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| **Table 3. Case-Mix Model Characteristics\*** | | | | | | | |
|  | Facility-Level (n=145) | | |  | Person-Level (n=5,812) | | |
|  | Mean | SD | Range |  | Mean | SD | Range |
| *Patient age* | 77.6 | 2.7 | 73.2-86.3 |  | 77.8 | 10.5 | 27-107 |
| *Listed next of kin relationship* |  |  |  |  |  |  |  |
| Spouse/Partner | 0.45 | 0.10 | 0-0.72 |  | 0.46 | 0.50 | 0-1 |
| Child | 0.26 | 0.08 | 0.08-0.5 |  | 0.26 | 0.44 | 0-1 |
| Sibling | 0.13 | 0.05 | 0-0.31 |  | 0.12 | 0.32 | 0-1 |
| Other family | 0.07 | 0.05 | 0-0.31 |  | 0.07 | 0.25 | 0-1 |
| Other non-family | 0.09 | 0.06 | 0-0.41 |  | 0.08 | 0.27 | 0-1 |
| Next of Kin Education Level |  |  |  |  |  |  |  |
| 8th Grade or Less | 0.04 | 0.03 | 0-0.17 |  | 0.04 | 0.19 | 0-1 |
| Some high school, but did not graduate | 0.03 | 0.03 | 0-0.17 |  | 0.03 | 0.18 | 0-1 |
| High school graduate or GED | 0.26 | 0.09 | 0-0.57 |  | 0.26 | 0.44 | 0-1 |
| Some college or 2-year degree | 0.35 | 0.09 | 0-0.75 |  | 0.35 | 0.48 | 0-1 |
| 4-year college graduate | 0.14 | 0.08 | 0-0.57 |  | 0.15 | 0.35 | 0-1 |
| More than 4-year college degree | 0.13 | 0.06 | 0-0.38 |  | 0.12 | 0.33 | 0-1 |
| Mode of Survey Administration |  |  |  |  |  |  |  |
| Mail | 0.70 | 0.08 | 0.5-0.92 |  | 0.64 | 0.48 | 0-1 |
| Phone | 0.23 | 0.07 | 0.04-0.5 |  | 0.29 | 0.46 | 0-1 |
| Online | 0.07 | 0.04 | 0-0.29 |  | 0.06 | 0.25 | 0-1 |
| *Top 5 Primary Diagnosis on Last Admission* |  |  |  |  |  |  |  |
| Neoplasms | 0.20 | 0.11 | 0-0.6 |  | 0.20 | 0.40 | 0-1 |
| Infectious and parasitic diseases | 0.18 | 0.13 | 0-0.6 |  | 0.22 | 0.42 | 0-1 |
| Diseases of the circulatory system | 0.13 | 0.06 | 0-0.39 |  | 0.12 | 0.33 | 0-1 |
| Diseases of the respiratory system | 0.11 | 0.06 | 0-0.38 |  | 0.11 | 0.31 | 0-1 |
| Mental illness | 0.09 | 0.12 | 0-0.81 |  | 0.08 | 0.27 | 0-1 |
| *Elixhauser Comorbidity Index* | 8.10 | 0.78 | 6.17-10.15 |  | 7.98 | 3.2 | 0-21 |
| *Top 5 Elixhauser Diagnoses* |  |  |  |  |  |  |  |
| Anemias due to other  nutritional deficiencies | 0.62 | 0.11 | 0.29-0.84 |  | 0.62 | 0.48 | 0-1 |
| Hypertension, complicated | 0.58 | 0.10 | 0.17-0.85 |  | 0.58 | 0.49 | 0-1 |
| Heart failure | 0.46 | 0.11 | 0-0.70 |  | 0.46 | 0.50 | 0-1 |
| Chronic pulmonary disease | 0.45 | 0.08 | 0.27-0.7 |  | 0.44 | 0.50 | 0-1 |
| Weight loss | 0.42 | 0.13 | 0.1-0.79 |  | 0.42 | 0.49 | 0-1 |
|  |  |  |  |  |  |  |  |

\*Model constructed using FY22 data.