

Supplemental Table: Rural and Urban Differences in Outcomes for Selected Conditions among three Rural/Urban Patient and Hospital Group:

| | Alcohol Abuse | | | Depression | | | Uncomplicated Diabetes | | | Diabetes w/Complications | | | Post Traumatic Stress Disorder | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|--------------------------------|------------------------|------------------------|
| | Rural Pt Rural Hosp | Urban Pt Urban Hosp | Rural Pt Urban Hosp | Rural Pt Rural Hosp | Urban Pt Urban Hosp | Rural Pt Urban Hosp | Rural Pt Rural Hosp | Urban Pt Urban Hosp | Rural Pt Urban Hosp | Rural Pt Rural Hosp | Urban Pt Urban Hosp | Rural Pt Urban Hosp | Rural Pt Rural Hosp | Urban Pt Urban Hosp | Rural Pt Urban Hosp |
| Sample size | 3040 | 11835 | 5315 | 3945 | 12800 | 3495 | 8965 | 26245 | 8540 | 1990 | 8405 | 3345 | 515 | 1575 | 345 |
| Patient Demographics | | | | | | | | | | | | | | | |
| Age at Admission (SD) | 41.7 (28.0) | 40.9 (27.8) | 42.0 (28.2)# | 41.7 (27.6) | 41.2 (27.5) | 39.3 (27.9)# | 42.5 (27.4)^ | 42.4 (26.8) | 41.6 (27.1) | 41.7 (26.1)~ | 43.1 (27.1) | 44.3 (27.3) | 43.2 (15.9)* | 40.4 (16.3) | 41.2 (15.8) |
| % Female Sex | 35.2 | 37.1 | 31.0* | 65.3 | 66.9 | 63.8* | 59.5 | 55.5 | 51.8\$ | 55.5 | 53.3 | 46.2# | 65.0 | 61.9 | 60.9 |
| Chronic Conditions, # (SD) | 5.3 (2.9) | 5.8 (3.0) | 5.6 (2.9)\$ | 6.6 (3.0) | 7.0 (3.2) | 7.3 (3.2)\$ | 6.1 (2.8) | 6.8 (2.8) | 6.8 (2.8)\$ | 8.3 (3.3)^ | 9.0 (3.0) | 9.0 (2.8) | 3.4 (3.4)^ | 4.1 (3.7) | 4.1 (3.2) |
| Diagnoses on record, # (SD) | 10.5 (5.2)^ | 12.1 (5.6) | 11.9 (5.9) | 12.5 (5.5) | 13.1 (5.8) | 13.8 (6.2)\$ | 11.4 (5.2) | 12.5 (5.2) | 12.8 (5.4)\$ | 15.2 (5.9)^ | 16.5 (5.3) | 16.7 (5.5) | 7.5 (5.7)^ | 8.9 (6.3) | 9.0 (6.0) |
| Procedures on record, # (SD) | 0.92 (1.7) | 1.6 (2.2) | 2.1 (2.8)\$ | 0.91 (1.5) | 1.5 (2.0) | 2.1 (2.4)\$ | 0.94 (1.6) | 1.7 (2.3) | 2.5 (2.8)\$ | 1.3 (2.1) | 2.1 (2.5) | 3.0 (3.0)\$ | 0.81 (1.2) | 1.5 (2.1) | 2.0 (2.2)\$ |
| Dependent Variables | | | | | | | | | | | | | | | |
| Length of Stay (SD) days | 4.1 (5.3) | 5.2 (6.5) | 5.7 (7.7)\$ | 4.2 (4.5) | 4.8 (5.8) | 6.3 (9.6)\$ | 4.1 (5.1) | 4.8 (5.4) | 5.3 (7.0)\$ | 5.3 (6.1) | 6.2 (6.3) | 7.2 (7.6)\$ | 3.4 (3.1) | 3.8 (3.8)# | 4.6 (5.1) |
| % Died During Hospitalization | 2.1 | 1.8 | 1.6 | 1.8 | 1.7 | 0.6# | 2.1 | 1.7 | 1.6 | 2.3 | 1.6 | 1.9 | 0.0 | 1.3& | 0.0 |
| Disposition - % Discharged to: | | | | | | | | | | | | | | | |
| Home | 78.5 | 76.8 | 74.7# | 78.1 | 77.2 | 80.0* | 79.1 | 78.5 | 78.5 | 80.2^ | 76.2 | 75.0 | 77.7 | 82.5& | 72.5 |
| Short-term Hospital | 2.5 | 2.6 | 3.9# | 1.8 | 2.6& | 1.9 | 2.5 | 2.1 | 2.3 | 1.3+ | 2.9 | 2.1 | 1.9 | 1.6 | 4.3* |
| Skilled Nursing/Long-term Care | 9.2 | 9.5 | 10.4 | 9.6 | 9.5 | 10.3 | 8.7 | 9.4 | 9.3 | 8.0+ | 10.1 | 10.6 | 7.8 | 9.5 | 15.9# |
| Home Health | 7.2 | 7.9 | 7.7 | 7.6 | 7.9 | 6.7 | 6.7 | 6.9 | 6.8 | 7.3 | 8.2 | 9.1 | 7.8+ | 3.5 | 4.3 |
| Against Medical Advice | 0.5^ | 1.4 | 1.6 | 1.1 | 1.1 | 0.6# | 0.9+ | 1.4 | 1.3 | 1.0 | 1.0 | 1.2 | 4.9+ | 1.6 | 2.9 |

* statistically significant difference between rural patient/urban hospital group and urban patient/urban hospital group at p<0.05

statistically significant difference between rural patient/urban hospital group and the other two groups at p<0.05

\$ statistically significant difference among all three patient and hospital group combinations at p<0.05

^ statistically significant difference between rural patient/rural hospital group and the other two groups at p<0.05

& statistically significant difference between urban patient/urban hospital group and the other two groups at p<0.05

+ statistically significant difference between rural patient/rural hospital group and urban patient/urban hospital group at p<0.05

~ statistically significant difference between rural patient/rural hospital group and rural patient/urban hospital group at p<0.05