

## 2019 Long Term Care Hospital Services Projected Bed Need Summary by LTCH Planning Area

| 2019 Long Term Care Hospital Bed Need Projection Summary<br>Pursuant to Rule 111-2-2-.36 |                                  |                                |  |                                |                                       |   |  |  |   |                         |                               |
|--|----------------------------------|--------------------------------|--|--------------------------------|---------------------------------------|---|--|--|---|-------------------------|-------------------------------|
| LTCH<br>Planning<br>Areas  | Step 1                           | Step 2                         |  | Step 3                         |                                       | Step 4  |  |  |   | Step 5                  | Step 6                        |
|  | 2013 Acute<br>Care<br>Discharges | 2013<br>Resident<br>Population | 2013 Acute<br>Care<br>Discharge<br>Rate/1000 | 2019<br>Resident<br>Population | Projected<br>Acute Care<br>Discharges | (i)   | (ii)                                   | (iii)  | (iv)  | Authorized<br>LTCH Beds | LTCH<br>Surplus/<br>(Deficit) |
|  |                                  |                                |  |                                |                                       | Projected<br>Discharges<br>Needing LTCH<br>Services | Projected<br>LTCH<br>Discharge<br>Days | Projected<br>Average<br>Daily LTCH<br>Census | Projected LTCH<br>Beds Needed at<br>85% Occupancy |                         |                               |
| 1  | 449,952                          | 7,468,060                      | 60.3   | 8,479,489                      | 480,237                               | 6,243   | 175,431                                | 481  | 565   | 652                     | 87                            |
| 2  | 120,248                          | 1,179,968                      | 101.9  | 1,276,588                      | 122,289                               | 1,590   | 44,672                                 | 122  | 143   | 140                     | (3)                           |
| 3  | 89,357                           | 1,035,976                      | 86.3   | 1,113,747                      | 90,301                                | 1,174   | 32,987                                 | 90   | 106   | 50                      | (56)                          |
| 4  | 85,036                           | 976,973                        | 87.0   | 1,087,817                      | 89,003                                | 1,157   | 32,513                                 | 89   | 104   | 90                      | (14)                          |
| <b>Statewide</b>   | <b>744,593</b>                   | <b>10,660,977</b>              | <b>69.8</b>                                  | <b>11,957,641</b>              | <b>781,830</b>                        | <b>10,164</b>                                       | <b>285,603</b>                         | <b>782</b>                                   | <b>918</b>  | <b>932</b>              | <b>(73)</b>                   |

**Notes and Sources:**

LTCH Planning Areas: Same as Comprehensive Inpatient Physical Rehabilitation Planning Areas. See DCH Rule 111-2-2-.36(2)(h).

Step 1: Acute Care Discharges do not include Perinatal/Neonatal, Psychiatric and Substance Abuse, Inpatient Physical Rehabilitation, LTCH, and Destination Cancer Hospital discharges. Discharges from prior year Annual Hospital Questionnaires were used where 2013 data was unavailable. See DCH Rule 111-2-2-.36(3)(a)1.

Step 2: Resident Population projection for 2013 from Office of Planning and Budget 2008-2020 Resident Population Projections, 4/11 Release. Discharge rate for current acute care discharges. [ (Current Acute Care Discharges / (Current Population / 1,000) ]. See DCH Rule 111-2-2-.36(3)(a)2.

Step 3: Resident Population projection for 2019 from Office of Planning and Budget 2008-2020 Resident Population Projections, 4/11 Release. Projected acute care discharges with 6% inpatient physical rehabilitation overlap reduction [ ((Projected Population / 1,000) X Current Discharge Rate) X 0.94 ]. See DCH Rule 111-2-2-.36(3)(a)3.

Step 4 (i): Projected number of acute care discharges which may benefit from LTCH services is determined by adding a 1.3% utilization factor to the projected number of acute care discharges. [ (Projected Discharges X 1.3% Utilization Factor) ]. See DCH Rule 111-2-2-.36(3)(a)4(i).

Step 4 (ii): Projected LTCH discharge days is determined by multiplying the projected LTCH discharges by average length of stay, which is set at 28.1. See DCH Rule 111-2-2-.36(3)(a)4(ii).

Step 4 (iii): Projected average daily census for LTCH services is determined by dividing the projected discharge days in Step 4(ii) by the number of days in the calendar year. See DCH Rule 111-2-2-.36(3)(a)4(iii).

Step 4 (iv): Projected number of LTCH beds needed is determined using an 85% occupancy standard applied to the projected LTCH average daily census. [ Projected Average Daily Census / .85 ]. See DCH Rule 111-2-2-.36(3)(a)4(iv).

Step 5: Authorized (Existing & Approved) LTCH beds as of February 17, 2015. See DCH Rules 111-2-2-.36(2)(d) and 111-2-2-.36(3)(a)5.

Step 6: [Existing and Approved LTCH Beds - LTCH Beds Needed]. See DCH Rule 111-2-2-.36(3)(a)6.

Originally Calculated: 2/17/2015

Prepared by: Data Resources and Analysis Section, Office of Health Planning,  
Healthcare Facility Regulation Division

# Long Term Care Hospital Planning Areas

