

2014 Long Term Care Hospital Services Projected Bed Need Summary by LTCH Planning Area

2014 Long Term Care Hospital Bed Need Projection Summary Pursuant to Rule 111-2-2-.36											
LTCH Planning Areas	Step 1	Step 2		Step 3		Step 4				Step 5	Step 6
	2008 Acute Care Discharges	2008 Resident Population	2008 Acute Care Discharge Rate/1000	2014 Resident Population	Projected Acute Care Discharges	(i) Projected Discharges Needing LTCH Services	(ii) Projected LTCH Discharge Days	(iii) Projected Average Daily LTCH Census	(iv) Projected LTCH Beds Needed at 85% Occupancy	Authorized LTCH Beds	LTCH Surplus/ (Deficit)
1	422,385	6,580,857	64.2	7,528,876	454,239	5,905	165,933	455	534	656	122
2	118,157	1,108,920	106.6	1,167,074	116,892	1,520	42,701	117	137	174	37
3	83,109	970,283	85.7	999,446	80,471	1,046	29,396	81	94	83	(11)
4	73,007	875,421	83.4	928,370	72,777	946	26,586	73	85	40	(45)
Statewide	696,658	9,535,481	73.1	10,623,766	724,379	9,417	264,616	725	850	953	(56)

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, or LTCH discharges. Discharges from the 2007 Annual Hospital Questionnaire. Prior year AHQs were used where 2007 data was unavailable. See DCH Rule 111-2-2-.36(3)(a)1.

Step 2: Resident Population projection for 2008 from Office of Planning and Budget 2000-2015 Resident Population Projections, 4/06 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 2014 from Office of Planning and Budget 2000-2015 Resident Population Projections, 4/06 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 3, 2010. 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.

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