

2016 Long Term Care Hospital Services Projected Bed Need Summary by LTCH Planning Area

2015 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
	2010 Acute Care Discharges	2010 Resident Population	2009 Acute Care Discharge Rate/1000	2016 Resident Population	Projected Acute Care Discharges	(i)	(ii)	(iii)	(iv)	Authorized LTCH Beds	LTCH Surplus/ (Deficit)
						Projected Discharges Needing LTCH Services	Projected LTCH Discharge Days	Projected Average Daily LTCH Census	Projected LTCH Beds Needed at 85% Occupancy		
1	463,375	7,022,578	66.0	7,956,741	493,514	6,416	180,281	494	581	632	51
2	131,885	1,131,674	116.5	1,227,647	134,485	1,748	49,128	135	158	174	16
3	98,358	993,880	99.0	1,074,538	99,960	1,299	36,515	100	117	50	(67)
4	85,963	921,568	93.3	1,031,170	90,415	1,175	33,029	90	106	40	(66)
Statewide	779,581	10,069,700	77.4	11,290,096	818,374	10,639	298,952	819	962	896	(133)

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 prior year Annual Hospital Questionnaires were used where 2010 data was unavailable. See DCH Rule 111-2-2-.36(3)(a)1.

Step 2: Resident Population projection for 2010 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 2016 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 May 27, 2011. 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.

