

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
	2007 Acute Care Discharges	2007 Resident Population	2007 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	448,177	6,434,960	69.6	7,528,876	492,903	6,408	180,058	493	580	624	44
2	148,218	1,099,659	134.8	1,167,074	147,866	1,922	54,016	148	174	174	0
3	107,032	965,692	110.8	999,446	104,127	1,354	38,037	104	122	83	(39)
4	72,039	866,774	83.1	928,370	72,529	943	26,495	73	85	40	(45)
Statewide	775,466	9,367,085	82.8	10,623,766	817,425	10,627	298,605	818	961	921	(84)

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 2007 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 April 1, 2009. 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.

