

## Work Sheet for Development of "Trend Line" -- 2005 through 2009 -- Rates Projected for 30 Months

LTC Nursing Bed Average Annual Rates of Change in "Use Rates per 1000 Population"

COUNTY	Yearly Totals for 2005 through 2009															Average Annual Rate of Change in "Use Rates per 1000"
	Combined LTC Nursing Patients in 2005	Estimated 2005 Population	Combined Use Rate for 2005	Combined LTC Nursing Patients in 2006	Estimated 2006 Population	Combined Use Rate for 2006	Reported LTC Nursing Patients in 2007	Projected 2007 Population	Combined Use Rate for 2007	Reported LTC Nursing Patients in 2008	Projected 2008 Population	Combined Use Rate for 2008	Reported LTC Nursing Patients in 2009	Projected 2009 Population	Combined Use Rate for 2009	
Under age 65*	4,282	7,524,390	0.57	4,296	7,685,178	0.56	4,453	7,852,103	0.57	4,529	8,001,361	0.57	4,684	8,107,968	0.58	0.39%
Ages 65 - 74	5,672	568,692	9.97	5,783	584,241	9.90	5,581	605,283	9.22	5,790	631,948	9.16	5,571	654,261	8.51	-3.83%
Ages 75 - 84	13,548	359,107	37.73	13,200	361,957	36.47	12,911	364,892	35.38	12,416	369,415	33.61	11,789	384,354	30.67	-5.02%
Ages 85 Up	15,723	123,717	127.09	16,137	128,823	125.26	16,083	134,186	119.86	16,123	138,935	116.05	15,535	150,670	103.11	-5.02%

\* Adjustments for "Active Duty Military Personnel" have been applied to the "Under age 65" population projections.

2011 SMFP

**NOTE: Ages 85 & Up Age Group Data Areas are highlighted to represent Formulae(s) description example in Exhibit 10**

### Rates Projected for 30 Months:

Annual Rate of Change		
Applied to 2009 Use Rates:		
Annual Change	Rounds to	30 Month Change
0.00223997	Rounds to	0.01
-0.3257164	Rounds to	-0.81
-1.5384999	Rounds to	-3.85
-5.1764967	Rounds to	-12.94
Use Rates Advanced 30 Months:		
0 - 64	0.5833	
65 - 74	7.7007	
75 - 84	26.8260	
85 Up	90.1649	