

**Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or offices
2011 Plan**

Under Age 18								
County	Home Health Patients in 2009	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Cherokee	1	-10%	1	0.19	-10%	0.13	5,500	1
Clay	3	-10%	2	1.65	-10%	1.13	1,879	2
Graham	1	-10%	1	0.57	-10%	0.39	1,824	1
Haywood	40	-10%	28	3.61	-10%	2.48	10,974	27
Jackson	11	-10%	8	1.57	-10%	1.07	7,406	8
Macon	20	-10%	14	2.91	-10%	1.99	7,304	15
Swain	4	-10%	3	1.20	-10%	0.82	3,461	3
Region A Totals	80	-10%	56	2.15	-10%	1.47	38,348	56
Buncombe	129	-14%	74	2.64	-15%	1.46	50,284	73
Henderson	40	-14%	23	1.80	-15%	0.99	23,508	23
Madison	11	-14%	6	2.61	-15%	1.44	4,263	6
Transylvania	23	-14%	13	3.99	-15%	2.20	5,852	13
Region B Totals	203	-14%	117	2.50	-15%	1.38	83,907	116
Cleveland	67	-10%	48	2.91	-9%	2.09	22,819	48
McDowell	38	-10%	27	3.89	-9%	2.80	10,028	28
Polk	5	-10%	4	1.43	-9%	1.03	3,396	3
Rutherford	59	-10%	42	4.05	-9%	2.91	14,717	43
Region C Totals	169	-10%	120	3.32	-9%	2.39	50,960	122
Alleghany	2	8%	2	0.96	7%	1.18	2,078	2
Ashe	4	8%	5	0.78	7%	0.96	5,238	5
Avery	8	8%	10	2.42	7%	2.96	3,208	9
Mitchell	15	8%	18	4.86	7%	5.95	3,052	18
Watauga	3	8%	4	0.44	7%	0.54	7,091	4
Wilkes	43	8%	53	2.89	7%	3.54	14,863	53
Yancey	20	8%	25	5.48	7%	6.71	3,652	24
Region D Totals	95	8%	116	2.44	7%	2.99	39,182	117
Alexander	42	7%	51	5.03	7%	6.04	8,234	50
Burke	58	7%	70	2.93	7%	3.52	19,909	70
Caldwell	81	7%	98	4.53	7%	5.43	17,897	97
Catawba	146	7%	176	3.95	7%	4.73	37,755	179
Region E Totals	327	7%	395	3.94	7%	4.73	83,795	396
Anson	7	-18%	3	1.19	-19%	0.51	5,695	3
Cabarrus	103	-18%	49	2.31	-19%	1.00	48,864	49
Gaston	144	-18%	68	2.89	-19%	1.24	52,166	65
Iredell	121	-18%	57	3.20	-19%	1.38	39,494	54
Lincoln	23	-18%	11	1.32	-19%	0.57	18,262	10
Mecklenburg	487	-18%	231	2.10	-19%	0.90	242,063	219
Rowan	116	-18%	55	3.58	-19%	1.54	33,334	51
Stanly	94	-18%	45	6.90	-19%	2.97	13,643	40
Union	119	-18%	56	2.30	-19%	0.99	57,136	57
Region F Totals	1,214	-18%	575	2.50	-19%	1.08	510,657	550
Alamance	65	-5%	55	1.87	-6%	1.53	36,697	56
Caswell	16	-5%	13	3.46	-6%	2.84	4,328	12
Davidson	108	-5%	91	2.96	-6%	2.43	37,368	91
Guilford	548	-5%	461	4.92	-6%	4.03	115,231	464
Montgomery	26	-5%	22	3.81	-6%	3.12	6,898	22
Randolph	199	-5%	168	5.94	-6%	4.87	34,193	167
Rockingham	44	-5%	37	2.17	-6%	1.78	19,944	35
Region G Totals	1,006	-5%	847	4.06	-6%	3.33	254,659	847
Davie	41	-13%	25	4.51	-14%	2.67	9,174	24
Forsyth	339	-13%	208	4.00	-14%	2.37	88,225	209
Stokes	40	-13%	25	3.98	-14%	2.36	9,722	23
Surry	35	-13%	21	2.09	-14%	1.24	16,747	21
Yadkin	47	-13%	29	5.28	-14%	3.13	8,961	28
Region I Totals	502	-13%	308	3.87	-14%	2.30	132,829	305
Chatham	27	4%	30	1.95	1%	1.99	14,703	29
Durham	155	4%	172	2.28	1%	2.32	73,938	171
Johnston	41	4%	45	0.95	1%	0.96	46,941	45
Lee	22	4%	24	1.46	1%	1.48	15,997	24
Moore*	88	4%	98	4.79	1%	4.87	19,336	94
Orange	56	4%	62	2.29	1%	2.33	24,753	58
Wake*	204	4%	226	0.91	1%	0.93	245,522	227
Region J Totals	593	4%	658	1.46	1%	1.48	441,190	653

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Under Age 18								
County	Home Health Patients in 2009	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Franklin	17	-20%	7	1.24	-20%	0.50	14,071	7
Granville	8	-20%	3	0.65	-20%	0.27	12,131	3
Person	24	-20%	10	2.85	-20%	1.16	8,323	10
Vance	7	-20%	3	0.60	-20%	0.24	11,508	3
Warren	8	-20%	3	2.05	-20%	0.83	3,818	3
Region K Totals	64	-20%	25	1.28	-20%	0.52	49,851	26
Edgecombe	32	-15%	18	2.45	-15%	1.35	12,943	18
Halifax	22	-15%	12	1.70	-15%	0.94	12,562	12
Nash	37	-15%	20	1.62	-15%	0.90	23,131	21
Northampton	6	-15%	3	1.33	-15%	0.74	4,421	3
Wilson	7	-15%	4	0.36	-15%	0.20	20,259	4
Region L Totals	104	-15%	57	1.43	-15%	0.79	73,316	58
Cumberland*	390	3%	424	4.27	2%	4.47	93,708	419
Harnett*	49	3%	53	1.70	2%	1.78	30,473	54
Sampson	69	3%	75	4.13	2%	4.33	17,181	74
Region M Totals	508	3%	553	3.71	2%	3.89	141,362	549
Bladen	39	-3%	36	5.02	-3%	4.53	7,750	35
Hoke*	35	-3%	32	2.60	-3%	2.35	14,225	33
Richmond	55	-3%	50	4.71	-3%	4.26	11,589	49
Robeson	208	-3%	191	5.65	-3%	5.10	37,401	191
Scotland	44	-3%	40	4.62	-3%	4.17	9,523	40
Region N Totals	381	-3%	349	4.81	-3%	4.34	80,488	349
Brunswick	88	13%	121	4.05	11%	5.38	23,558	127
Columbus	81	13%	112	6.05	11%	8.04	13,625	110
New Hanover	143	13%	197	3.48	11%	4.63	42,316	196
Pender	35	13%	48	3.12	11%	4.15	11,913	49
Region O Totals	259	13%	357	3.97	11%	5.28	91,412	483
Carteret*	18	-12%	12	1.52	-13%	0.94	11,881	11
Craven*	16	-12%	10	0.61	-13%	0.38	27,345	10
Duplin	37	-12%	24	2.65	-13%	1.63	14,352	23
Greene	5	-12%	3	1.03	-13%	0.64	4,825	3
Jones	3	-12%	2	1.43	-13%	0.88	1,941	2
Lenoir	23	-12%	15	1.66	-13%	1.03	13,717	14
Onslow*	93	-12%	61	1.80	-13%	1.11	56,648	63
Pamlico	1	-12%	1	0.45	-13%	0.28	2,164	1
Wayn*	33	-12%	22	1.11	-13%	0.68	29,938	20
Region P Totals	229	-12%	150	1.46	-13%	0.90	162,811	147
Beaufort	7	-22%	2	0.66	-23%	0.20	10,717	2
Bertie	6	-22%	2	1.28	-23%	0.39	4,602	2
Hertford	0	-22%	0	0.00	-23%	0.00	5,169	0
Martin	21	-22%	7	3.80	-23%	1.17	5,349	6
Pitt	50	-22%	17	1.33	-23%	0.41	40,114	16
Region Q Totals	84	-22%	28	1.32	-23%	0.41	65,951	27
Camden	4	6%	5	1.97	8%	2.42	2,064	5
Chowan	7	6%	8	2.10	8%	2.57	3,358	9
Currituck	24	6%	29	4.86	8%	5.97	4,807	29
Dare	9	6%	11	1.33	8%	1.63	6,641	11
Gates	6	6%	7	2.35	8%	2.89	2,485	7
Hyde	0	6%	0	0.00	8%	0.00	977	0
Pasquotank	27	6%	32	2.80	8%	3.44	9,688	33
Perquimans	3	6%	4	1.14	8%	1.39	2,783	4
Tyrrell	3	6%	4	3.42	8%	4.21	873	4
Washington	9	6%	11	2.92	8%	3.59	3,063	11
Region R Totals	92	6%	110	2.49	8%	3.06	36,739	112
State Totals	5998	-6%	4,926	2.67	-7%	2.14	2,337,457	5,009

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**Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or offices
2011 Plan**

AGES 18 - 64								
County	Home Health Patients in 2009	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Cherokee	286	8%	358	17.37	7%	21.21	17,121	363
Clay	64	8%	80	9.81	7%	11.98	6,853	82
Graham	42	8%	53	8.83	7%	10.79	4,777	52
Haywood	362	8%	453	10.43	7%	12.74	35,173	448
Jackson	104	8%	130	4.20	7%	5.13	25,435	131
Macon	160	8%	200	7.82	7%	9.54	21,561	206
Swain	61	8%	76	7.03	7%	8.58	8,915	77
Region A Totals	1,079	8%	1,349	9.28	7%	11.33	119,835	1,357
Buncombe	1305	-3%	1,206	8.89	-4%	7.80	151,785	1,184
Henderson	623	-3%	576	9.90	-4%	8.69	66,415	577
Madison	146	-3%	135	10.95	-4%	9.62	13,819	133
Transylvania	148	-3%	137	8.04	-4%	7.06	18,962	134
Region B Totals	2,222	-3%	2,053	9.20	-4%	8.08	250,981	2,028
Cleveland	666	-2%	618	10.79	-4%	9.56	63,397	606
McDowell	399	-2%	370	14.05	-4%	12.45	29,410	366
Polk	101	-2%	94	8.89	-4%	7.88	11,542	91
Rutherford	727	-2%	674	18.43	-4%	16.33	41,085	671
Region C Totals	1,893	-2%	1,755	13.43	-4%	11.90	145,434	1,731
Alleghany	59	4%	66	8.64	3%	9.50	6,992	66
Ashe	119	4%	133	7.27	3%	8.00	16,609	133
Avery	105	4%	117	8.82	3%	9.70	11,962	116
Mitchell	136	4%	152	13.86	3%	15.25	9,799	149
Watauga	136	4%	152	4.11	3%	4.52	33,912	153
Wilkes	584	4%	652	13.93	3%	15.32	42,093	645
Yancey	150	4%	168	13.13	3%	14.44	11,715	169
Region D Totals	1,289	4%	1,439	9.82	3%	10.80	133,082	1,437
Alexander	290	0%	290	12.20	-1%	11.78	24,198	285
Burke	715	0%	716	12.59	-1%	12.16	58,836	715
Caldwell	634	0%	635	12.51	-1%	12.08	52,012	628
Catawba	1203	0%	1,204	12.11	-1%	11.69	102,852	1,202
Region E Totals	2,842	0%	2,845	12.33	-1%	11.90	237,898	2,831
Anson	148	3%	160	9.41	0%	9.48	15,733	149
Cabarrus	1114	3%	1,207	9.91	0%	9.99	124,784	1,247
Gaston	1769	3%	1,917	13.29	0%	13.40	141,331	1,894
Iredell	1239	3%	1,343	12.29	0%	12.38	109,468	1,356
Lincoln	535	3%	580	10.81	0%	10.90	53,466	583
Mecklenburg	3871	3%	4,195	6.70	0%	6.75	604,666	4,083
Rowan	1272	3%	1,378	14.31	0%	14.42	93,573	1,349
Stanly	510	3%	553	13.55	0%	13.66	38,723	529
Union	638	3%	691	4.93	0%	4.97	148,160	736
Region F Totals	11,096	3%	12,024	8.91	0%	8.98	1,329,904	11,944
Alamance	896	9%	1,127	9.51	7%	11.44	100,744	1,152
Caswell	233	9%	293	15.43	7%	18.56	14,924	277
Davidson	1267	9%	1,593	12.44	7%	14.96	106,492	1,593
Guilford	3511	9%	4,415	11.47	7%	13.80	320,901	4,428
Montgomery	207	9%	260	12.35	7%	14.85	16,869	251
Randolph	1026	9%	1,290	11.36	7%	13.66	93,329	1,275
Rockingham	747	9%	939	13.03	7%	15.67	57,481	901
Region G Totals	7,887	9%	9,917	11.57	7%	13.92	710,740	9,892
Davie	284	7%	346	10.71	6%	12.56	27,852	350
Forsyth	2891	7%	3,527	13.16	6%	15.43	229,154	3,536
Stokes	345	7%	421	11.34	6%	13.29	31,088	413
Surry	502	7%	612	11.08	6%	12.99	46,075	599
Yadkin	350	7%	427	14.74	6%	17.28	24,505	423
Region I Totals	4,372	7%	5,334	12.65	6%	14.83	358,674	5,319
Chatham	134	3%	146	3.38	0%	3.36	42,465	143
Durham	1520	3%	1,659	8.76	0%	8.70	184,754	1,607
Johnston	1043	3%	1,138	9.68	0%	9.60	119,372	1,147
Lee	346	3%	378	9.57	0%	9.50	38,192	363
Moore*	571	3%	623	11.32	0%	11.23	53,866	605
Orange	512	3%	559	5.47	0%	5.43	96,663	525
Wake*	3285	3%	3,585	5.51	0%	5.47	662,340	3,620
Region J Totals	7,411	3%	8,089	6.75	0%	6.70	1,197,652	8,027

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AGES 18 - 64								
County	Home Health Patients in 2009	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Franklin	434	0%	430	11.28	-1%	10.79	40,587	438
Granville	299	0%	296	7.99	-1%	7.65	38,741	296
Person	333	0%	330	13.97	-1%	13.37	23,935	320
Vance	340	0%	337	12.91	-1%	12.36	26,359	326
Warren	153	0%	152	12.51	-1%	11.97	12,161	146
Region K Totals	1,559	0%	1,545	11.27	-1%	10.79	141,783	1,529
Edgecombe	408	-15%	222	12.88	-16%	6.71	31,454	211
Halifax	358	-15%	195	10.63	-16%	5.54	33,659	186
Nash	525	-15%	286	8.70	-16%	4.53	62,684	284
Northampton	142	-15%	77	11.13	-16%	5.80	12,705	74
Wilson	238	-15%	130	4.79	-16%	2.50	51,716	129
Region L Totals	1,671	-15%	910	8.88	-16%	4.63	192,218	889
Cumberland*	1541	6%	1,813	9.38	4%	10.52	169,458	1,783
Harnett*	803	6%	945	11.51	4%	12.91	76,644	989
Sampson	521	6%	613	12.68	4%	14.21	43,086	612
Region M Totals	2,865	6%	3,370	10.41	4%	11.68	289,188	3,377
Bladen	378	1%	385	19.27	-1%	18.89	19,430	367
Hoke*	265	1%	270	9.82	-1%	9.63	29,203	281
Richmond	390	1%	397	13.55	-1%	13.28	28,941	384
Robeson	1600	1%	1,628	19.73	-1%	19.35	83,203	1,610
Scotland	456	1%	464	19.52	-1%	19.14	24,051	460
Region N Totals	3,089	1%	3,143	17.18	-1%	16.84	184,828	3,113
Brunswick	937	8%	1,172	14.16	6%	16.79	73,552	1,235
Columbus	1135	8%	1,420	33.60	6%	39.84	34,214	1,363
New Hanover	1380	8%	1,726	10.81	6%	12.82	131,509	1,686
Pender	501	8%	627	14.58	6%	17.29	37,614	650
Region O Totals	3,016	8%	3,772	15.09	6%	17.89	276,889	4,955
Carteret*	477	3%	518	12.22	2%	12.79	39,003	499
Craven*	645	3%	700	12.43	2%	13.01	52,557	684
Duplin	361	3%	392	10.93	2%	11.44	33,857	387
Greene	148	3%	161	10.75	2%	11.24	14,042	158
Jones	51	3%	55	7.86	2%	8.22	6,575	54
Lenoir	559	3%	607	16.09	2%	16.84	34,386	579
Onslow*	799	3%	867	9.70	2%	10.15	86,382	877
Pamlico	61	3%	66	7.82	2%	8.18	7,730	63
Wayne*	746	3%	809	10.88	2%	11.38	68,681	782
Region P Totals	3,847	3%	4,174	11.39	2%	11.92	343,213	4,091
Beaufort	366	-4%	325	12.99	-5%	10.92	28,199	308
Bertie	195	-4%	173	15.86	-5%	13.33	12,407	165
Hertford	26	-4%	23	1.75	-5%	1.47	14,829	22
Martin	210	-4%	186	14.50	-5%	12.19	14,299	174
Pitt	878	-4%	780	8.26	-5%	6.94	113,160	785
Region Q Totals	1,675	-4%	1,487	9.51	-5%	7.99	182,894	1,461
Camden	58	1%	60	8.93	1%	9.10	6,780	62
Chowan	93	1%	96	10.69	1%	10.89	8,789	96
Currituck	168	1%	174	10.69	1%	10.89	15,924	173
Dare	177	1%	183	8.32	1%	8.47	20,267	172
Gates	74	1%	77	9.67	1%	9.85	7,984	79
Hyde	14	1%	15	4.00	1%	4.08	3,408	14
Pasquotank	272	1%	282	10.25	1%	10.44	26,698	279
Perquimans	12	1%	12	1.49	1%	1.52	8,647	13
Tyrrell	13	1%	13	4.85	1%	4.94	2,686	13
Washington	98	1%	102	12.60	1%	12.84	7,621	98
Region R Totals	979	1%	1,015	9.04	1%	9.20	108,804	1,001
State Totals	58,792	2%	61,773	10.13	0%	10.19	6,204,017	63,202

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AGES 65 - 74								
County	Home Health Patients in 2009	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Cherokee	193	-1%	187	61.10	-3%	54.94	3,286	181
Clay	59	-1%	57	49.79	-3%	44.77	1,320	59
Graham	36	-1%	35	40.40	-3%	36.33	901	33
Haywood	280	-1%	271	45.74	-3%	41.13	6,398	263
Jackson	86	-1%	83	25.90	-3%	23.29	3,723	87
Macon	141	-1%	136	37.04	-3%	33.31	4,037	134
Swain	28	-1%	27	22.64	-3%	20.35	1,326	27
Region A Totals	823	-1%	796	41.73	-3%	37.53	20,991	788
Buncombe	909	-3%	817	48.74	-6%	39.85	21,019	838
Henderson	499	-3%	449	50.22	-6%	41.06	10,557	433
Madison	103	-3%	93	52.93	-6%	43.28	2,144	93
Transylvania	150	-3%	135	41.69	-6%	34.09	3,688	126
Region B Totals	1661	-3%	1,493	48.67	-6%	39.79	37,408	1,488
Cleveland	355	-5%	302	45.18	-7%	35.20	8,732	307
McDowell	205	-5%	174	52.02	-7%	40.53	4,231	171
Polk	76	-5%	65	38.40	-7%	29.92	2,039	61
Rutherford	385	-5%	328	69.39	-7%	54.07	6,000	324
Region C Totals	1021	-5%	869	52.83	-7%	41.16	21,002	865
Alleghany	61	11%	80	49.31	8%	60.78	1,281	78
Ashe	111	11%	146	40.69	8%	50.15	2,915	146
Avery	133	11%	175	79.07	8%	97.45	1,795	175
Mitchell	136	11%	179	81.68	8%	100.67	1,795	181
Watauga	118	11%	155	35.47	8%	43.71	3,749	164
Wilkes	383	11%	505	62.64	8%	77.20	6,616	511
Yancey	138	11%	182	72.44	8%	89.28	2,004	179
Region D Totals	1080	11%	1,423	57.88	8%	71.34	20,155	1,438
Alexander	171	2%	179	55.56	-2%	52.70	3,472	183
Burke	469	2%	492	61.07	-2%	57.93	8,353	484
Caldwell	459	2%	482	65.31	-2%	61.95	7,631	473
Catawba	806	2%	846	68	-2%	64.96	13,320	865
Region E Totals	1905	2%	1,999	64.46	-2%	61.14	32,776	2,004
Anson	94	4%	104	48.86	-2%	45.88	2,101	96
Cabarrus	749	4%	831	64.43	-2%	60.50	13,840	837
Gaston	1187	4%	1,317	77.79	-2%	73.05	17,590	1,285
Iredell	748	4%	830	64.86	-2%	60.91	13,209	805
Lincoln	346	4%	384	59.54	-2%	55.91	6,812	381
Mecklenburg	2162	4%	2,398	43.95	-2%	41.27	59,764	2,466
Rowan	792	4%	879	76.48	-2%	71.82	11,656	837
Stanly	336	4%	373	69.67	-2%	65.42	5,261	344
Union	365	4%	405	29.57	-2%	27.77	15,247	423
Region F Totals	6779	4%	7,520	55.17	-2%	51.81	145,480	7,537
Alamance	634	5%	725	59.18	1%	60.39	12,150	734
Caswell	140	5%	160	67.93	1%	69.32	2,250	156
Davidson	662	5%	757	51.39	1%	52.44	14,551	763
Guilford	1924	5%	2,199	59.75	1%	60.97	37,453	2,284
Montgomery	116	5%	133	51.21	1%	52.26	2,427	127
Randolph	637	5%	728	58.60	1%	59.80	12,492	747
Rockingham	506	5%	578	65.31	1%	66.65	8,357	557
Region G Totals	4619	5%	5,279	58.66	1%	59.86	89,680	5,369
Davie	213	5%	247	61.88	2%	64.72	3,943	255
Forsyth	1575	5%	1,824	64.85	2%	67.82	27,661	1,876
Stokes	254	5%	294	64.68	2%	67.65	4,388	297
Surry	364	5%	422	57.69	2%	60.33	6,765	408
Yadkin	244	5%	283	73.67	2%	77.05	3,532	272
Region I Totals	2650	5%	3,070	64.20	2%	67.14	46,289	3,108
Chatham	117	2%	123	24.61	-5%	20.74	5,579	116
Durham	830	2%	873	57.69	-5%	48.61	17,500	851
Johnston	663	2%	697	61.55	-5%	51.86	12,898	669
Lee	243	2%	256	58.85	-5%	49.59	4,594	228
Moore*	493	2%	519	60.92	-5%	51.33	8,425	432
Orange	318	2%	334	43.11	-5%	36.32	9,140	332
Wake*	2057	2%	2,164	42.33	-5%	35.66	62,861	2,242
Region J Totals	4721	2%	4,966	48.12	-5%	40.54	120,997	4,906

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A projected deficit of 275 patients is the threshold of need for a new home health agency

**Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or offices
2011 Plan**

AGES 65 - 74								
County	Home Health Patients in 2009	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Franklin	258	0%	261	63.91	-3%	59.01	4,649	274
Granville	226	0%	228	55.98	-3%	51.69	4,558	236
Person	220	0%	222	74.45	-3%	68.75	3,230	222
Vance	197	0%	199	64.76	-3%	59.80	3,283	196
Warren	130	0%	131	69.56	-3%	64.23	1,916	123
Region K Totals	1031	0%	1,042	64.68	-3%	59.73	17,636	1,053
Edgecombe	293	-10%	207	79.30	-12%	50.75	3,939	200
Halifax	234	-10%	166	54.15	-12%	34.66	4,536	157
Nash	389	-10%	275	58.29	-12%	37.31	7,696	287
Northampton	117	-10%	83	59.51	-12%	38.09	2,049	78
Wilson	180	-10%	127	30.78	-12%	19.70	6,414	126
Region L Totals	1213	-10%	859	53.90	-12%	34.50	24,634	850
Cumberland*	898	6%	1,064	56.06	3%	61.16	17,482	1,069
Harnett*	545	6%	646	78.60	3%	85.76	8,006	687
Sampson	367	6%	435	75.76	3%	82.66	5,197	430
Region M Totals	1810	6%	2,145	65.11	3%	71.05	30,685	2,180
Bladen	221	2%	234	82.83	-1%	81.04	2,849	231
Hoke*	150	2%	159	66.73	-1%	65.28	2,579	168
Richmond	264	2%	279	74.79	-1%	73.17	3,825	280
Robeson	758	2%	802	94.96	-1%	92.91	8,850	822
Scotland	234	2%	248	88.74	-1%	86.82	2,983	259
Region N Totals	1627	2%	1,722	85.34	-1%	83.49	21,086	1,760
Brunswick	889	10%	1,151	79.68	6%	93.72	11,914	1,117
Columbus	698	10%	903	155.66	6%	183.10	4,800	879
New Hanover	1007	10%	1,303	68.68	6%	80.78	16,635	1,344
Pender	330	10%	427	71.54	6%	84.14	5,284	445
Region O Totals	2924	10%	3,784	83.74	6%	98.50	38,633	3,805
Carteret*	369	2%	389	55.07	0%	55.27	7,112	393
Craven*	439	2%	462	64.15	0%	64.39	7,133	459
Duplin	273	2%	287	70.29	0%	70.55	4,062	287
Greene	82	2%	86	53.42	0%	53.62	1,661	89
Jones	63	2%	66	69.61	0%	69.87	943	66
Lenoir	358	2%	377	75.70	0%	75.98	5,013	381
Onslow*	533	2%	561	77.21	0%	77.50	7,268	563
Pamlico	52	2%	55	34.81	0%	34.93	1,507	53
Wayne*	528	2%	556	65.58	0%	65.82	8,496	559
Region P Totals	2697	2%	2,840	65.71	0%	65.95	43,195	2,849
Beaufort	269	2%	281	61.43	-1%	58.98	4,776	282
Bertie	139	2%	145	86.55	-1%	83.10	1,668	139
Hertford	27	2%	28	14.14	-1%	13.58	2,049	28
Martin	197	2%	206	97.67	-1%	93.78	2,107	198
Pitt	612	2%	640	70.30	-1%	67.50	10,128	684
Region Q Totals	1244	2%	1,301	66.82	-1%	64.16	20,728	1,330
Camden	39	5%	45	46.26	2%	49.46	924	46
Chowan	65	5%	75	48.33	2%	51.67	1,371	71
Currituck	85	5%	98	42.74	2%	45.69	2,180	100
Dare	138	5%	160	43.29	2%	46.28	3,393	157
Gates	59	5%	68	59.30	2%	63.40	1,085	69
Hyde	16	5%	19	32.19	2%	34.42	499	17
Pasquotank	145	5%	168	50.82	2%	54.34	3,233	176
Perquimans	13	5%	15	9.32	2%	9.96	1,452	14
Tyrrell	20	5%	23	55.25	2%	59.07	358	21
Washington	61	5%	71	50.75	2%	54.26	1,264	69
Region R Totals	641	5%	742	43.70	2%	46.72	15,759	736
State Totals	38,446	2%	40,843	58.52	-1%	56.34	747,134	42,097

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A projected deficit of 275 patients is the threshold of need for a new home health agency

**Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or offices
2011 Plan**

AGES 75 and Over								
County	Home Health Patients in 2009	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Cherokee	372	-2%	352	147.56	-3%	132.69	2,712	360
Clay	167	-2%	158	147.53	-3%	132.66	1,179	156
Graham	45	-2%	43	62.41	-3%	56.13	770	43
Haywood	598	-2%	566	108.81	-3%	97.84	5,679	556
Jackson	175	-2%	166	71.14	-3%	63.97	2,637	169
Macon	355	-2%	336	96.21	-3%	86.51	3,783	327
Swain	64	-2%	61	71.67	-3%	64.45	926	60
Region A Totals	1776	-2%	1,680	41.73	-3%	37.53	17,686	664
Buncombe	2055	-7%	1,609	123.84	-6%	101.25	16,879	1,709
Henderson	1140	-7%	893	108.57	-6%	88.77	10,442	927
Madison	255	-7%	200	164.52	-6%	134.51	1,599	215
Transylvania	453	-7%	355	127.25	-6%	104.04	3,687	384
Region B Totals	3903	-7%	3,057	48.67	-6%	39.79	32,607	1,297
Cleveland	717	-8%	540	114.90	-7%	89.53	6,312	565
McDowell	398	-8%	300	131.22	-7%	102.25	3,214	329
Polk	177	-8%	133	81.23	-7%	63.29	2,116	134
Rutherford	726	-8%	547	155.36	-7%	121.05	4,626	560
Region C Totals	2018	-8%	1,521	52.83	-7%	41.16	16,268	670
Alleghany	124	5%	141	116.43	8%	143.50	1,112	160
Ashe	270	5%	308	117.80	8%	145.18	2,370	344
Avery	299	5%	341	213.72	8%	263.40	1,453	383
Mitchell	255	5%	291	172.30	8%	212.35	1,487	316
Watauga	305	5%	348	114.88	8%	141.58	2,854	404
Wilkes	856	5%	975	182.09	8%	224.42	4,927	1,106
Yancey	289	5%	329	163.28	8%	201.23	1,840	370
Region D Totals	2398	5%	2,732	57.88	8%	71.34	16,043	1,144
Alexander	381	1%	388	180.40	-2%	171.11	2,255	386
Burke	918	1%	935	150.99	-2%	143.22	6,355	910
Caldwell	879	1%	895	171.75	-2%	162.91	5,390	878
Catawba	1704	1%	1,736	191.98	-2%	182.10	9,287	1,691
Region E Totals	3882	1%	3,954	64.46	-2%	61.14	23,287	1,424
Anson	199	0%	196	113.07	-2%	106.18	1,706	181
Cabarrus	1687	0%	1,664	200.48	-2%	188.25	8,985	1,691
Gaston	2504	0%	2,470	218.82	-2%	205.48	11,833	2,432
Iredell	1701	0%	1,678	209.48	-2%	196.71	8,715	1,714
Lincoln	764	0%	754	201.74	-2%	189.45	4,038	765
Mecklenburg	4681	0%	4,618	133.37	-2%	125.24	37,996	4,758
Rowan	1491	0%	1,471	162.99	-2%	153.05	9,199	1,408
Stanly	643	0%	634	154.27	-2%	144.87	4,245	615
Union	619	0%	611	88.19	-2%	82.81	8,279	686
Region F Totals	14289	0%	14,097	55.17	-2%	51.81	94,996	4,922
Alamance	1620	1%	1,652	168.79	1%	172.24	9,760	1,681
Caswell	287	1%	293	186.85	1%	190.68	1,631	311
Davidson	1576	1%	1,607	162.24	1%	165.57	10,251	1,697
Guilford	4224	1%	4,307	157.08	1%	160.30	27,950	4,480
Montgomery	186	1%	190	97.18	1%	99.17	1,934	192
Randolph	1334	1%	1,360	163.86	1%	167.22	8,513	1,424
Rockingham	735	1%	749	112.89	1%	115.20	6,570	757
Region G Totals	9962	1%	10,158	58.66	1%	59.86	66,609	3,987
Davie	541	3%	590	206.65	2%	216.12	2,793	604
Forsyth	3888	3%	4,241	187.67	2%	196.28	21,467	4,214
Stokes	543	3%	592	210.22	2%	219.86	2,759	607
Surry	926	3%	1,010	170.69	2%	178.52	5,456	974
Yadkin	427	3%	466	165.38	2%	172.96	2,698	467
Region I Totals	6325	3%	6,900	64.20	2%	67.14	35,173	2,362
Chatham	375	0%	372	87.82	-5%	74.00	4,405	326
Durham	1756	0%	1,740	151.09	-5%	127.31	12,128	1,544
Johnston	1202	0%	1,191	175.55	-5%	147.91	7,630	1,129
Lee	493	0%	489	146.94	-5%	123.81	3,476	430
Moore*	1086	0%	1,076	115.38	-5%	97.22	9,433	917
Orange	752	0%	745	131.95	-5%	111.18	6,050	673
Wake*	4967	0%	4,922	164.10	-5%	138.27	35,067	4,849
Region J Totals	10631	0%	10,534	48.12	-5%	40.54	78,189	3,170

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**Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or offices
2011 Plan**

AGES 75 and Over								
County	Home Health Patients in 2009	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2012	Geographic Unit's Use Rate per 1000 in 2009	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2012	Projected 2012 Population	Potential Home Health Patients in 2012
Franklin	587	2%	630	214.55	-3%	198.12	2,959	586
Granville	403	2%	432	137.64	-3%	127.10	3,105	395
Person	432	2%	463	179.33	-3%	165.59	2,434	403
Vance	359	2%	385	143.14	-3%	132.18	2,491	329
Warren	334	2%	358	177.38	-3%	163.79	1,954	320
Region K Totals	2115	2%	2,268	64.68	-3%	59.73	12,943	773
Edgecombe	472	-11%	319	150.46	-12%	96.30	3,104	299
Halifax	540	-11%	365	128.91	-12%	82.51	4,129	341
Nash	878	-11%	594	163.87	-12%	104.88	5,396	566
Northampton	290	-11%	196	151.52	-12%	96.98	1,883	183
Wilson	397	-11%	269	83.40	-12%	53.38	4,905	262
Region L Totals	2577	-11%	1,743	53.90	-12%	34.50	19,417	670
Cumberland*	1603	7%	1,940	137.77	3%	150.32	12,331	1,854
Harnett*	1036	7%	1,254	206.17	3%	224.95	5,363	1,206
Sampson	686	7%	830	180.10	3%	196.50	3,970	780
Region M Totals	3325	7%	4,024	65.11	3%	71.05	21,664	1,539
Bladen	376	-2%	356	178.45	-1%	174.59	2,140	374
Hoke*	336	-2%	318	234.31	-1%	229.23	1,586	364
Richmond	454	-2%	430	155.48	-1%	152.11	2,886	439
Robeson	1048	-2%	993	184.96	-1%	180.96	5,840	1,057
Scotland	404	-2%	383	216.27	-1%	211.59	1,904	403
Region N Totals	2618	-2%	2,480	85.34	-1%	83.49	14,356	1,199
Brunswick	1351	6%	1,604	180.45	6%	212.24	8,594	1,824
Columbus	1077	6%	1,279	314.27	6%	369.65	3,495	1,292
New Hanover	2121	6%	2,519	184.43	6%	216.94	12,141	2,634
Pender	563	6%	669	165.83	6%	195.05	3,728	727
Region O Totals	5112	6%	6,070	83.74	6%	98.50	27,958	2,754
Carteret*	782	1%	808	141.23	0%	141.75	5,867	832
Craven*	806	1%	833	126.39	0%	126.86	6,512	826
Duplin	465	1%	481	148.99	0%	149.54	3,252	486
Greene	178	1%	184	148.83	0%	149.38	1,261	188
Jones	112	1%	116	137.93	0%	138.44	857	119
Lenoir	870	1%	899	210.91	0%	211.69	4,156	880
Onslow*	878	1%	907	182.01	0%	182.68	5,347	977
Pamlico	109	1%	113	80.09	0%	80.38	1,444	116
Wayne*	1027	1%	1,061	159.20	0%	159.79	6,667	1,065
Region P Totals	5227	1%	5,402	65.71	0%	65.95	35,363	2,332
Beaufort	511	1%	519	144.68	-1%	138.91	3,627	504
Bertie	316	1%	321	208.03	-1%	199.74	1,530	306
Hertford	43	1%	44	24.87	-1%	23.88	1,700	41
Martin	687	1%	698	390.56	-1%	374.99	1,755	658
Pitt	1106	1%	1,124	166.47	-1%	159.83	7,023	1,122
Region Q Totals	2663	1%	2,706	66.82	-1%	64.16	15,635	1,003
Camden	51	-3%	46	89.79	2%	96.00	625	60
Chowan	167	-3%	152	124.91	2%	133.55	1,328	177
Currituck	141	-3%	128	111.64	2%	119.36	1,391	166
Dare	230	-3%	209	91.93	2%	98.29	2,752	270
Gates	97	-3%	88	127.46	2%	136.28	789	108
Hyde	39	-3%	35	83.16	2%	88.91	490	44
Pasquotank	334	-3%	304	127.82	2%	136.67	2,577	352
Perquimans	4	-3%	4	3.38	2%	3.61	1,238	4
Tyrrell	39	-3%	35	105.41	2%	112.70	395	45
Washington	107	-3%	97	102.10	2%	109.16	1,065	116
Region R Totals	1209	-3%	1,100	43.70	2%	46.72	12,650	591
NC Totals	80,030	0%	79,006	155.50	-1%	149.72	540,844	80,972

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**Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or offices
2011 Plan**

Need Projections					
County	Placeholder Adjustments for Agencies Under Development	Adjusted Potential total People Served	Projected Utilization in 2012	Surplus or Deficit ("-" = Deficit)	Need for New Agencies or Offices
Cherokee	0	897	904	-7	0
Clay	0	297	300	-3	0
Graham	0	131	128	2	0
Haywood	0	1,317	1,294	23	0
Jackson	0	387	394	-7	0
Macon	0	686	682	4	0
Swain	0	167	166	1	0
Region A Totals	0	3,882	3,868	14	0
Buncombe	0	3,706	3,804	-98	0
Henderson	0	1,940	1,961	-21	0
Madison	0	434	447	-13	0
Transylvania	0	640	656	-16	0
Region B Totals	0	6,720	6,868	-149	0
Cleveland	0	1,508	1,526	-18	0
McDowell	0	871	894	-23	0
Polk	0	295	289	6	0
Rutherford	0	1,591	1,598	-7	0
Region C Totals	0	4,265	4,308	-42	0
Alleghany	0	290	306	-16	0
Ashe	0	592	628	-37	0
Avery	0	643	683	-40	0
Mitchell	0	640	664	-24	0
Watauga	0	659	725	-67	0
Wilkes	0	2,185	2,314	-129	0
Yancey	0	703	743	-40	0
Region D Totals	0	5,711	6,064	-353	1
Alexander	0	908	904	5	0
Burke	0	2,213	2,179	33	0
Caldwell	0	2,109	2,076	33	0
Catawba	0	3,962	3,938	24	0
Region E Totals	0	9,192	9,097	95	0
Anson	0	464	430	35	0
Cabarrus	0	3,751	3,824	-73	0
Gaston	0	5,772	5,675	97	0
Iredell	0	3,908	3,929	-21	0
Lincoln	0	1,728	1,739	-11	0
Mecklenburg	191	11,633	11,527	106	0
Rowan	0	3,783	3,646	137	0
Stanly	0	1,604	1,529	76	0
Union	0	1,763	1,901	-138	0
Region F Totals	191	34,408	34,200	208	0
Alamance	0	3,558	3,623	-66	0
Caswell	0	759	756	3	0
Davidson	0	4,048	4,144	-96	0
Guilford	0	11,382	11,657	-274	0
Montgomery	0	604	591	14	0
Randolph	0	3,546	3,612	-66	0
Rockingham	0	2,304	2,250	54	0
Region G Totals	0	26,202	26,634	-432	0
Davie	0	1,208	1,233	-25	0
Forsyth	0	9,800	9,834	-34	0
Stokes	0	1,332	1,339	-8	0
Surry	0	2,066	2,002	64	0
Yadkin	0	1,204	1,190	14	0
Region I Totals	0	15,611	15,599	12	0
Chatham	0	671	613	57	0
Durham	0	4,444	4,173	271	0
Johnston	0	3,072	2,989	83	0
Lee	0	1,146	1,045	101	0
Moore*	0	2,316	2,049	267	0
Orange	0	1,701	1,587	114	0
Wake*	263	11,160	10,938	222	0
Region J Totals	263	24,509	23,394	1115	0

*Adjustments for "Active Duty Military Personnel have been applied to the Age "18-64" population projections for these counties.
A projected deficit of 275 patients is the threshold of need for a new home health agency

**Table 12C: 2012 Need Projections for Medicare-certified Home Health Agencies or offices
2011 Plan**

Need Projections					
County	Placeholder Adjustments for Agencies Under Development	Adjusted Potential total People Served	Projected Utilization in 2012	Surplus or Deficit ("-" = Deficit)	Need for New Agencies or Offices
Franklin	0	1,327	1,306	21	0
Granville	0	960	930	30	0
Person	0	1,025	955	70	0
Vance	0	924	854	70	0
Warren	0	644	592	53	0
Region K Totals	0	4,880	4,636	244	0
Edgecombe	0	767	727	39	0
Halifax	0	738	696	42	0
Nash	0	1,176	1,158	18	0
Northampton	0	360	338	22	0
Wilson	0	530	521	8	0
Region L Totals	0	3,570	3,440	129	0
Cumberland*	0	5,241	5,124	117	0
Harnett*	0	2,898	2,936	-39	0
Sampson	0	1,953	1,897	57	0
Region M Totals	0	10,092	9,957	135	0
Bladen	0	1010	1007	4	0
Hoke*	0	779	847	-68	0
Richmond	0	1157	1153	4	0
Robeson	0	3614	3679	-66	0
Scotland	0	1135	1162	-27	0
Region N Totals	0	7,694	7,847	-153	0
Brunswick	0	4,048	4,302	-255	0
Columbus	0	3,713	3,644	70	0
New Hanover	0	5,745	5,860	-115	0
Pender	0	1,770	1,871	-101	0
Region O Totals	0	15,276	15,677	-401	1
Carteret*	0	1,726	1,735	-8	0
Craven*	0	2,006	1,979	26	0
Duplin	0	1,184	1,184	0	0
Greene	0	434	438	-4	0
Jones	0	239	240	-1	0
Lenoir	0	1,898	1,854	44	0
Onslow*	0	2,397	2,480	-83	0
Pamlico	0	234	233	2	0
Wayne *	0	2,449	2,427	22	0
Region P Totals	0	12,567	12,569	-2	0
Beaufort	0	1,128	1,096	33	0
Bertie	0	642	611	30	0
Hertford	0	95	90	5	0
Martin	0	1,098	1,036	62	0
Pitt	0	2,561	2,608	-47	0
Region Q Totals	0	5,523	5,441	82	0
Camden	0	156	172	-16	0
Chowan	0	332	353	-21	0
Currituck	0	429	468	-38	0
Dare	0	563	610	-47	0
Gates	0	240	262	-22	0
Hyde	0	69	75	-6	0
Pasquotank	0	786	840	-54	0
Perquimans	0	35	36	-1	0
Tyrrell	0	76	83	-7	0
Washington	0	280	294	-13	0
Region R Totals	0	2,966	3,192	-225	0
NC Totals	454	193,069	192,791	278	0

*Adjustments for "Active Duty Military Personnel have been applied to the Age "18-64" population projections for these counties. A projected deficit of 275 patients is the threshold of need for a new home health agency