

Table 12C: 2021 Need Projections for Medicare-certified Home Health Agencies or Offices

Under Age 18								
County	Home Health Patients in 2018	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2021	Geographic Unit's Use Rate per 1000 in 2018	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2021	Projected 2021 Population	Potential Home Health Patients in 2021
Cherokee	4	4.5724%	4.55	0.8048	3.7763%	0.8960	5,007	4.49
Clay	1	4.5724%	1.14	0.4995	3.7763%	0.5561	2,039	1.13
Graham	0	4.5724%	0.00	0.0000	3.7763%	0.0000	1,740	0.00
Haywood	75	4.5724%	85.29	6.5934	3.7763%	7.3404	11,532	84.65
Jackson	22	4.5724%	25.02	2.9380	3.7763%	3.2709	7,651	25.03
Macon	15	4.5724%	17.06	2.2710	3.7763%	2.5283	6,903	17.45
Swain	6	4.5724%	6.82	1.7462	3.7763%	1.9440	3,612	7.02
<b>Region A Totals</b>	<b>123</b>	<b>4.5724%</b>	<b>139.87</b>	<b>3.2669</b>	<b>3.7763%</b>	<b>3.6370</b>	<b>38,484</b>	<b>139.77</b>
Buncombe	189	-9.0492%	137.69	3.7979	-8.9123%	2.7825	50,004	139.13
Henderson	53	-9.0492%	38.61	2.4021	-8.9123%	1.7599	22,068	38.84
Madison	19	-9.0492%	13.84	4.7512	-8.9123%	3.4809	3,975	13.84
Transylvania	25	-9.0492%	18.21	4.4539	-8.9123%	3.2631	5,773	18.84
<b>Region B Totals</b>	<b>286</b>	<b>-9.0492%</b>	<b>208.36</b>	<b>3.5118</b>	<b>-8.9123%</b>	<b>2.5728</b>	<b>81,820</b>	<b>210.65</b>
Cleveland	2	-32.1510%	0.07	0.0952	-31.5869%	0.0050	20,736	0.10
McDowell	34	-32.1510%	1.21	3.7158	-31.5869%	0.1947	9,047	1.76
Polk	6	-32.1510%	0.21	1.7637	-31.5869%	0.0924	3,373	0.31
Rutherford	27	-32.1510%	0.96	1.9441	-31.5869%	0.1019	13,952	1.42
<b>Region C Totals</b>	<b>69</b>	<b>-32.1510%</b>	<b>2.45</b>	<b>1.4543</b>	<b>-31.5869%</b>	<b>0.0762</b>	<b>47,108</b>	<b>3.60</b>
Alleghany	0	-15.4741%	0.00	0.0000	-14.5317%	0.0000	1,974	0.00
Ashe	0	-15.4741%	0.00	0.0000	-14.5317%	0.0000	4,876	0.00
Avery	0	-15.4741%	0.00	0.0000	-14.5317%	0.0000	2,661	0.00
Mitchell	14	-15.4741%	7.50	5.1002	-14.5317%	2.8768	2,741	7.89
Watauga	0	-15.4741%	0.00	0.0000	-14.5317%	0.0000	7,415	0.00
Wilkes	1	-15.4741%	0.54	0.0713	-14.5317%	0.0402	13,818	0.56
Yancey	13	-15.4741%	6.97	3.9168	-14.5317%	2.2093	3,327	7.35
<b>Region D Totals</b>	<b>28</b>	<b>-15.4741%</b>	<b>15.00</b>	<b>0.7637</b>	<b>-14.5317%</b>	<b>0.4308</b>	<b>36,812</b>	<b>15.79</b>
Alexander	5	-33.8062%	-0.07	0.6541	-33.3584%	-0.0005	7,510	0.00
Burke	11	-33.8062%	-0.16	0.6026	-33.3584%	-0.0005	18,037	-0.01
Caldwell	3	-33.8062%	-0.04	0.1819	-33.3584%	-0.0001	16,317	0.00
Catawba	15	-33.8062%	-0.21	0.4344	-33.3584%	-0.0003	33,917	-0.01
<b>Region E Totals</b>	<b>34</b>	<b>-33.8062%</b>	<b>-0.48</b>	<b>0.4420</b>	<b>-33.3584%</b>	<b>-0.0003</b>	<b>75,781</b>	<b>-0.03</b>
Anson	0	-20.5442%	0.00	0.0000	-20.9480%	0.0000	4,933	0.00
Cabarrus	75	-20.5442%	28.78	1.4556	-20.9480%	0.5409	52,242	28.26
Gaston	52	-20.5442%	19.95	1.0470	-20.9480%	0.3890	49,683	19.33
Iredell	18	-20.5442%	6.91	0.4585	-20.9480%	0.1703	39,487	6.73
Lincoln	17	-20.5442%	6.52	0.9853	-20.9480%	0.3661	17,322	6.34
Mecklenburg *	379	-20.5442%	145.41	1.4533	-20.9480%	0.5400	268,935	145.22
Rowan	14	-20.5442%	5.37	0.4403	-20.9480%	0.1636	31,672	5.18
Stanly	150	-20.5442%	57.55	11.2604	-20.9480%	4.1839	13,305	55.67
Union	34	-20.5442%	13.04	0.5924	-20.9480%	0.2201	57,168	12.58
<b>Region F Totals</b>	<b>739</b>	<b>-20.5442%</b>	<b>283.53</b>	<b>1.4046</b>	<b>-20.9480%</b>	<b>0.5219</b>	<b>534,747</b>	<b>279.31</b>
Alamance	16	-37.1409%	-1.83	0.4407	-37.0115%	-0.0486	37,015	-1.80
Caswell	1	-37.1409%	-0.11	0.2391	-37.0115%	-0.0264	4,080	-0.11
Davidson	4	-37.1409%	-0.46	0.1116	-37.0115%	-0.0123	35,652	-0.44
Guilford	84	-37.1409%	-9.60	0.7222	-37.0115%	-0.0797	117,568	-9.37
Montgomery	5	-37.1409%	-0.57	0.8270	-37.0115%	-0.0913	5,843	-0.53
Randolph	103	-37.1409%	-11.77	3.2583	-37.0115%	-0.3595	30,802	-11.07
Rockingham	6	-37.1409%	-0.69	0.3284	-37.0115%	-0.0362	17,950	-0.65
<b>Region G Totals</b>	<b>219</b>	<b>-37.1409%</b>	<b>-25.02</b>	<b>0.8811</b>	<b>-37.0115%</b>	<b>-0.0972</b>	<b>248,910</b>	<b>-23.97</b>

\* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.  
A projected deficit of 325 patients is the threshold of need for a new home health agency.

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Under Age 18								
County	Home Health Patients in 2018	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2021	Geographic Unit's Use Rate per 1000 in 2018	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2021	Projected 2021 Population	Potential Home Health Patients in 2021
Davie	3	-39.5292%	-0.56	0.3517	-39.3968%	-0.0640	8,567	-0.55
Forsyth	17	-39.5292%	-3.16	0.1946	-39.3968%	-0.0354	88,379	-3.13
Stokes	1	-39.5292%	-0.19	0.1170	-39.3968%	-0.0213	8,335	-0.18
Surry	3	-39.5292%	-0.56	0.1975	-39.3968%	-0.0359	14,867	-0.53
Yadkin	3	-39.5292%	-0.56	0.3810	-39.3968%	-0.0693	7,842	-0.54
<b>Region I Totals</b>	<b>27</b>	<b>-39.5292%</b>	<b>-5.02</b>	<b>0.2117</b>	<b>-39.3968%</b>	<b>-0.0385</b>	<b>127,990</b>	<b>-4.93</b>
Chatham	10	-6.6394%	8.01	0.7128	-7.3466%	0.5557	14,092	7.83
Durham	38	-6.6394%	30.43	0.5185	-7.3466%	0.4042	76,971	31.12
Johnston	18	-6.6394%	14.41	0.3648	-7.3466%	0.2844	50,515	14.37
Lee	0	-6.6394%	0.00	0.0000	-7.3466%	0.0000	14,997	0.00
Moore *	6	-6.6394%	4.80	0.2944	-7.3466%	0.2295	21,222	4.87
Orange	7	-6.6394%	5.61	0.2663	-7.3466%	0.2076	25,786	5.35
Wake *	57	-6.6394%	45.65	0.2233	-7.3466%	0.1741	258,878	45.07
<b>Region J Totals</b>	<b>136</b>	<b>-6.6394%</b>	<b>108.91</b>	<b>0.2999</b>	<b>-7.3466%</b>	<b>0.2338</b>	<b>462,461</b>	<b>108.61</b>
Franklin	9	-5.9970%	7.38	0.6109	-5.8808%	0.5031	14,891	7.49
Granville	6	-5.9970%	4.92	0.4989	-5.8808%	0.4109	12,158	5.00
Person	3	-5.9970%	2.46	0.3620	-5.8808%	0.2981	8,235	2.45
Vance	5	-5.9970%	4.10	0.4725	-5.8808%	0.3891	10,377	4.04
Warren	2	-5.9970%	1.64	0.5414	-5.8808%	0.4459	3,670	1.64
<b>Region K Totals</b>	<b>25</b>	<b>-5.9970%</b>	<b>20.50</b>	<b>0.5069</b>	<b>-5.8808%</b>	<b>0.4174</b>	<b>49,331</b>	<b>20.62</b>
Edgecombe	2	-48.1275%	-0.89	0.1646	-47.4017%	-0.0695	11,719	-0.81
Halifax	4	-48.1275%	-1.78	0.3642	-47.4017%	-0.1537	10,623	-1.63
Nash	8	-48.1275%	-3.55	0.3974	-47.4017%	-0.1677	19,866	-3.33
Northampton	0	-48.1275%	0.00	0.0000	-47.4017%	0.0000	3,756	0.00
Wilson	10	-48.1275%	-4.44	0.5360	-47.4017%	-0.2262	18,554	-4.20
<b>Region L Totals</b>	<b>24</b>	<b>-48.1275%</b>	<b>-10.65</b>	<b>0.3652</b>	<b>-47.4017%</b>	<b>-0.1541</b>	<b>64,518</b>	<b>-9.98</b>
Cumberland *	28	-39.7005%	-5.35	0.3192	-39.9812%	-0.0637	88,071	-5.61
Harnett *	0	-39.7005%	0.00	0.0000	-39.9812%	0.0000	37,183	0.00
Sampson	13	-39.7005%	-2.48	0.8349	-39.9812%	-0.1665	15,393	-2.56
<b>Region M Totals</b>	<b>41</b>	<b>-39.7005%</b>	<b>-7.83</b>	<b>0.2941</b>	<b>-39.9812%</b>	<b>-0.0586</b>	<b>140,647</b>	<b>-8.17</b>
Bladen	8	-33.0201%	0.08	1.1306	-32.0905%	0.0422	6,910	0.29
Hoke *	5	-33.0201%	0.05	0.2976	-32.0905%	0.0111	17,843	0.20
Richmond	3	-33.0201%	0.03	0.2937	-32.0905%	0.0109	9,975	0.11
Robeson	36	-33.0201%	0.34	1.1485	-32.0905%	0.0428	29,353	1.26
Scotland	3	-33.0201%	0.03	0.3609	-32.0905%	0.0135	8,433	0.11
<b>Region N Totals</b>	<b>55</b>	<b>-33.0201%</b>	<b>0.52</b>	<b>0.7457</b>	<b>-32.0905%</b>	<b>0.0278</b>	<b>72,514</b>	<b>1.97</b>
Brunswick	44	9.8776%	57.04	1.9590	9.0858%	2.4930	23,109	57.61
Columbus	21	9.8776%	27.22	1.7663	9.0858%	2.2478	11,529	25.91
New Hanover *	48	9.8776%	62.22	1.1101	9.0858%	1.4127	44,365	62.68
Pender	19	9.8776%	24.63	1.4771	9.0858%	1.8797	13,232	24.87
<b>Region O Totals</b>	<b>132</b>	<b>9.8776%</b>	<b>171.12</b>	<b>1.4594</b>	<b>9.0858%</b>	<b>1.8572</b>	<b>92,235</b>	<b>171.07</b>

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Carteret *	6	-9.0909%	4.36	0.4955	-9.3549%	0.3565	12,103	4.31
Craven *	2	-9.0909%	1.45	0.0756	-9.3549%	0.0544	26,859	1.46
Duplin	7	-9.0909%	5.09	0.4941	-9.3549%	0.3554	13,778	4.90
Greene	2	-9.0909%	1.45	0.4492	-9.3549%	0.3232	4,304	1.39
Jones	0	-9.0909%	0.00	0.0000	-9.3549%	0.0000	1,979	0.00
Lenoir	4	-9.0909%	2.91	0.3184	-9.3549%	0.2291	12,354	2.83
Onslow *	40	-9.0909%	29.09	0.6699	-9.3549%	0.4819	63,878	30.78
Pamlico	1	-9.0909%	0.73	0.5010	-9.3549%	0.3604	1,978	0.71
Wayne *	10	-9.0909%	7.27	0.3286	-9.3549%	0.2364	30,607	7.23
<b>Region P Totals</b>	<b>72</b>	<b>-9.0909%</b>	<b>52.36</b>	<b>0.4394</b>	<b>-9.3549%</b>	<b>0.3161</b>	<b>167,840</b>	<b>53.62</b>
Beaufort	0	-30.5556%	0.00	0.0000	-29.9939%	0.0000	9,126	0.00
Bertie	0	-30.5556%	0.00	0.0000	-29.9939%	0.0000	3,682	0.00
Hertford	0	-30.5556%	0.00	0.0000	-29.9939%	0.0000	4,597	0.00
Martin	0	-30.5556%	0.00	0.0000	-29.9939%	0.0000	4,649	0.00
Pitt	7	-30.5556%	0.58	0.1796	-29.9939%	0.0180	39,314	0.71
<b>Region Q Totals</b>	<b>7</b>	<b>-30.5556%</b>	<b>0.58</b>	<b>0.1136</b>	<b>-29.9939%</b>	<b>0.0114</b>	<b>61,368</b>	<b>0.71</b>
Camden	0	-64.5646%	0.00	0.0000	-64.3752%	0.0000	1,980	0.00
Chowan	0	-64.5646%	0.00	0.0000	-64.3752%	0.0000	2,747	0.00
Currituck	0	-64.5646%	0.00	0.0000	-64.3752%	0.0000	5,815	0.00
Dare	2	-64.5646%	-1.87	0.2883	-64.3752%	-0.2685	7,062	-1.90
Gates	0	-64.5646%	0.00	0.0000	-64.3752%	0.0000	2,279	0.00
Hyde	0	-64.5646%	0.00	0.0000	-64.3752%	0.0000	889	0.00
Pasquotank *	0	-64.5646%	0.00	0.0000	-64.3752%	0.0000	9,187	0.00
Perquimans	0	-64.5646%	0.00	0.0000	-64.3752%	0.0000	2,535	0.00
Tyrrell	0	-64.5646%	0.00	0.0000	-64.3752%	0.0000	813	0.00
Washington	2	-64.5646%	-1.87	0.7651	-64.3752%	-0.7125	2,578	-1.84
<b>Region R Totals</b>	<b>4</b>	<b>-64.5646%</b>	<b>-3.75</b>	<b>0.1117</b>	<b>-64.3752%</b>	<b>-0.1040</b>	<b>35,885</b>	<b>-3.73</b>
<b>Grand Totals</b>	<b>2,021</b>	<b>-23.0772%</b>	<b>950.46</b>	<b>0.8727</b>	<b>-23.1909%</b>	<b>0.2655</b>	<b>2,338,451</b>	<b>954.90</b>

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Cherokee	155	-8.2200%	116.78	9.8513	-9.4820%	7.0490	15,933	112.31
Clay	42	-8.2200%	31.64	6.8215	-9.4820%	4.8811	6,335	30.92
Graham	49	-8.2200%	36.92	10.0389	-9.4820%	7.1833	4,814	34.58
Haywood	392	-8.2200%	295.33	10.9813	-9.4820%	7.8576	36,071	283.43
Jackson	132	-8.2200%	99.45	4.6666	-9.4820%	3.3392	29,243	97.65
Macon	169	-8.2200%	127.32	8.8048	-9.4820%	6.3002	19,779	124.61
Swain	60	-8.2200%	45.20	7.0721	-9.4820%	5.0604	8,535	43.19
<b>Region A Totals</b>	<b>999</b>	<b>-8.2200%</b>	<b>752.65</b>	<b>8.4351</b>	<b>-9.4820%</b>	<b>6.0357</b>	<b>120,710</b>	<b>726.69</b>
Buncombe	1,766	-1.1142%	1,706.97	10.9917	-1.7608%	10.4111	164,445	1,712.05
Henderson	921	-1.1142%	890.22	14.3749	-1.7608%	13.6156	66,112	900.15
Madison	158	-1.1142%	152.72	11.7124	-1.7608%	11.0937	13,784	152.92
Transylvania	207	-1.1142%	200.08	11.2007	-1.7608%	10.6090	18,608	197.41
<b>Region B Totals</b>	<b>3,052</b>	<b>-1.1142%</b>	<b>2,949.99</b>	<b>11.8890</b>	<b>-1.7608%</b>	<b>11.2610</b>	<b>262,949</b>	<b>2,962.53</b>
Cleveland	1,045	-0.1286%	1,040.97	17.5503	-0.6364%	17.2152	59,206	1,019.25
McDowell	544	-0.1286%	541.90	19.6574	-0.6364%	19.2821	27,675	533.63
Polk	131	-0.1286%	130.49	11.1395	-0.6364%	10.9268	11,757	128.47
Rutherford	667	-0.1286%	664.43	16.4708	-0.6364%	16.1563	40,700	657.56
<b>Region C Totals</b>	<b>2,387</b>	<b>-0.1286%</b>	<b>2,377.79</b>	<b>17.1144</b>	<b>-0.6364%</b>	<b>16.7877</b>	<b>139,338</b>	<b>2,338.90</b>
Alleghany	85	-10.7996%	57.46	12.8983	-11.6557%	8.3882	6,671	55.96
Ashe	128	-10.7996%	86.53	8.1373	-11.6557%	5.2919	15,732	83.25
Avery	110	-10.7996%	74.36	9.7182	-11.6557%	6.3200	11,158	70.52
Mitchell	156	-10.7996%	105.46	17.5616	-11.6557%	11.4209	8,783	100.31
Watauga	127	-10.7996%	85.85	3.0616	-11.6557%	1.9910	43,676	86.96
Wilkes	465	-10.7996%	314.35	11.3097	-11.6557%	7.3551	41,146	302.63
Yancey	117	-10.7996%	79.09	11.1609	-11.6557%	7.2583	10,426	75.67
<b>Region D Totals</b>	<b>1,188</b>	<b>-10.7996%</b>	<b>803.10</b>	<b>8.7609</b>	<b>-11.6557%</b>	<b>5.6975</b>	<b>137,592</b>	<b>775.31</b>
Alexander	242	-5.7556%	200.21	10.4522	-6.2564%	8.4904	23,066	195.84
Burke	677	-5.7556%	560.10	12.2955	-6.2564%	9.9877	55,404	553.36
Caldwell	658	-5.7556%	544.38	12.9030	-6.2564%	10.4812	51,040	534.96
Catawba	1,175	-5.7556%	972.12	12.2695	-6.2564%	9.9666	95,920	956.00
<b>Region E Totals</b>	<b>2,752</b>	<b>-5.7556%</b>	<b>2,276.82</b>	<b>12.2324</b>	<b>-6.2564%</b>	<b>9.9365</b>	<b>225,430</b>	<b>2,240.16</b>
Anson	187	-6.6916%	149.46	11.7625	-8.1527%	8.8856	15,832	140.68
Cabarrus	1,389	-6.6916%	1,110.16	10.6900	-8.1527%	8.0754	137,833	1,113.06
Gaston	1,931	-6.6916%	1,543.36	14.1501	-8.1527%	10.6893	137,892	1,473.97
Iredell	1,106	-6.6916%	883.97	9.8824	-8.1527%	7.4654	117,651	878.31
Lincoln	732	-6.6916%	585.05	13.9169	-8.1527%	10.5131	54,674	574.79
Mecklenburg *	4,676	-6.6916%	3,737.30	6.5940	-8.1527%	4.9812	748,907	3,730.48
Rowan	1,101	-6.6916%	879.98	12.7947	-8.1527%	9.6654	86,988	840.77
Stanly	466	-6.6916%	372.45	12.2185	-8.1527%	9.2301	38,478	355.15
Union	814	-6.6916%	650.59	5.5804	-8.1527%	4.2155	156,485	659.67
<b>Region F Totals</b>	<b>12,402</b>	<b>-6.6916%</b>	<b>9,912.32</b>	<b>8.6971</b>	<b>-8.1527%</b>	<b>6.5699</b>	<b>1,494,740</b>	<b>9,766.87</b>
Alamance	1,074	-5.5484%	895.23	10.6141	-6.2027%	8.6390	105,014	907.22
Caswell	193	-5.5484%	160.88	13.4946	-6.2027%	10.9835	13,983	153.58
Davidson	1,107	-5.5484%	922.74	10.8166	-6.2027%	8.8038	103,361	909.97
Guilford	3,437	-5.5484%	2,864.91	10.2232	-6.2027%	8.3209	344,091	2,863.14
Montgomery	158	-5.5484%	131.70	9.7537	-6.2027%	7.9387	16,199	128.60
Randolph	929	-5.5484%	774.37	10.6496	-6.2027%	8.6680	87,002	754.13
Rockingham	762	-5.5484%	635.16	13.8886	-6.2027%	11.3042	53,712	607.17
<b>Region G Totals</b>	<b>7,660</b>	<b>-5.5484%</b>	<b>6,384.99</b>	<b>10.7535</b>	<b>-6.2027%</b>	<b>8.7525</b>	<b>723,362</b>	<b>6,323.82</b>

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Ages 18-64								
County	Home Health Patients in 2018	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2021	Geographic Unit's Use Rate per 1000 in 2018	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2021	Projected 2021 Population	Potential Home Health Patients in 2021
Davie	321	-1.8567%	303.12	12.3685	-2.5165%	11.4348	26,537	303.44
Forsyth	2,364	-1.8567%	2,232.32	10.2295	-2.5165%	9.4572	235,886	2,230.83
Stokes	374	-1.8567%	353.17	13.0414	-2.5165%	12.0568	28,072	338.46
Surry	586	-1.8567%	553.36	13.4351	-2.5165%	12.4208	43,212	536.73
Yadkin	320	-1.8567%	302.18	13.8516	-2.5165%	12.8059	23,224	297.40
<b>Region I Totals</b>	<b>3,965</b>	<b>-1.8567%</b>	<b>3,744.14</b>	<b>11.2500</b>	<b>-2.5165%</b>	<b>10.4006</b>	<b>356,931</b>	<b>3,706.87</b>
Chatham	263	4.0123%	294.66	6.3170	2.2670%	6.7466	43,840	295.77
Durham	1,543	4.0123%	1,728.73	7.7369	2.2670%	8.2631	204,204	1,687.35
Johnston	1,084	4.0123%	1,214.48	8.7493	2.2670%	9.3443	132,580	1,238.87
Lee	387	4.0123%	433.58	10.9279	2.2670%	11.6711	35,540	414.79
Moore *	488	4.0123%	546.74	9.5617	2.2670%	10.2120	53,190	543.18
Orange	614	4.0123%	687.91	6.2790	2.2670%	6.7061	99,655	668.29
Wake *	4,200	4.0123%	4,705.55	6.0471	2.2670%	6.4583	736,657	4,757.58
<b>Region J Totals</b>	<b>8,579</b>	<b>4.0123%</b>	<b>9,611.64</b>	<b>6.8977</b>	<b>2.2670%</b>	<b>7.3668</b>	<b>1,305,666</b>	<b>9,605.83</b>
Franklin	421	-2.7789%	385.90	10.1110	-3.6184%	9.0134	43,062	388.14
Granville	286	-2.7789%	262.16	7.3049	-3.6184%	6.5119	40,727	265.21
Person	269	-2.7789%	246.57	11.1799	-3.6184%	9.9663	23,840	237.60
Vance	348	-2.7789%	318.99	13.1266	-3.6184%	11.7017	26,318	307.97
Warren	145	-2.7789%	132.91	12.4250	-3.6184%	11.0763	11,285	125.00
<b>Region K Totals</b>	<b>1,469</b>	<b>-2.7789%</b>	<b>1,346.54</b>	<b>10.2704</b>	<b>-3.6184%</b>	<b>9.1556</b>	<b>145,232</b>	<b>1,323.90</b>
Edgecombe	428	-6.9588%	338.65	14.0305	-6.2743%	11.3895	29,633	337.51
Halifax	331	-6.9588%	261.90	10.9356	-6.2743%	8.8772	29,047	257.86
Nash	590	-6.9588%	466.83	10.2830	-6.2743%	8.3475	56,817	474.28
Northampton	103	-6.9588%	81.50	8.5068	-6.2743%	6.9055	11,644	80.41
Wilson	559	-6.9588%	442.30	11.4559	-6.2743%	9.2995	48,975	455.44
<b>Region L Totals</b>	<b>2,011</b>	<b>-6.9588%</b>	<b>1,591.17</b>	<b>11.2313</b>	<b>-6.2743%</b>	<b>9.1173</b>	<b>176,116</b>	<b>1,605.49</b>
Cumberland *	1,861	3.0520%	2,031.39	10.9369	3.6853%	12.1461	165,587	2,011.23
Harnett *	696	3.0520%	759.73	9.1396	3.6853%	10.1501	79,683	808.79
Sampson	498	3.0520%	543.60	13.3401	3.6853%	14.8150	37,100	549.64
<b>Region M Totals</b>	<b>3,055</b>	<b>3.0520%</b>	<b>3,334.72</b>	<b>10.7707</b>	<b>3.6853%</b>	<b>11.9614</b>	<b>282,370</b>	<b>3,369.66</b>
Bladen	299	-9.0894%	217.47	14.7356	-9.0016%	10.7563	19,567	210.47
Hoke *	236	-9.0894%	171.65	7.8512	-9.0016%	5.7310	33,862	194.06
Richmond	288	-9.0894%	209.47	10.7163	-9.0016%	7.8224	26,499	207.28
Robeson	1,212	-9.0894%	881.51	15.0799	-9.0016%	11.0076	78,288	861.76
Scotland	305	-9.0894%	221.83	14.4934	-9.0016%	10.5795	20,549	217.40
<b>Region N Totals</b>	<b>2,340</b>	<b>-9.0894%</b>	<b>1,701.92</b>	<b>13.0989</b>	<b>-9.0016%</b>	<b>9.5616</b>	<b>178,765</b>	<b>1,690.98</b>
Brunswick	891	-7.9699%	677.97	12.1671	-9.9673%	8.5289	77,291	659.21
Columbus	691	-7.9699%	525.78	20.3625	-9.9673%	14.2737	33,807	482.55
New Hanover *	1,335	-7.9699%	1,015.81	8.9122	-9.9673%	6.2473	156,444	977.36
Pender	420	-7.9699%	319.58	10.9798	-9.9673%	7.6967	40,129	308.86
<b>Region O Totals</b>	<b>3,337</b>	<b>-7.9699%</b>	<b>2,539.14</b>	<b>11.3038</b>	<b>-9.9673%</b>	<b>7.9237</b>	<b>307,671</b>	<b>2,427.98</b>

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Carteret *	360	1.6969%	378.33	8.9441	3.8372%	9.9737	40,344	402.38
Craven *	546	1.6969%	573.80	10.4480	3.8372%	11.6507	51,332	598.05
Duplin	486	1.6969%	510.74	13.8956	3.8372%	15.4952	34,296	531.42
Greene	130	1.6969%	136.62	9.6791	3.8372%	10.7933	13,226	142.75
Jones	73	1.6969%	76.72	12.1242	3.8372%	13.5199	5,792	78.31
Lenoir	646	1.6969%	678.89	19.2600	3.8372%	21.4771	32,688	702.04
Onslow *	1,247	1.6969%	1,310.48	15.1541	3.8372%	16.8986	83,029	1,403.07
Pamlico	50	1.6969%	52.55	6.6640	3.8372%	7.4311	7,359	54.69
Wayne *	922	1.6969%	968.94	12.9493	3.8372%	14.4399	72,375	1,045.09
<b>Region P Totals</b>	<b>4,460</b>	<b>1.6969%</b>	<b>4,687.05</b>	<b>13.0612</b>	<b>3.8372%</b>	<b>14.5648</b>	<b>340,441</b>	<b>4,957.81</b>
Beaufort	353	-1.5157%	336.95	13.4001	-1.3484%	12.8581	25,965	333.86
Bertie	186	-1.5157%	177.54	15.4254	-1.3484%	14.8015	11,723	173.52
Hertford	140	-1.5157%	133.63	9.4327	-1.3484%	9.0511	14,621	132.34
Martin	183	-1.5157%	174.68	13.6741	-1.3484%	13.1209	12,779	167.67
Pitt	1,111	-1.5157%	1,060.48	9.4731	-1.3484%	9.0899	118,646	1,078.48
<b>Region Q Totals</b>	<b>1,973</b>	<b>-1.5157%</b>	<b>1,883.29</b>	<b>10.7284</b>	<b>-1.3484%</b>	<b>10.2944</b>	<b>183,734</b>	<b>1,885.87</b>
Camden	41	-3.9972%	36.08	6.1710	-4.1160%	5.4090	6,660	36.02
Chowan	91	-3.9972%	80.09	11.5747	-4.1160%	10.1454	7,606	77.17
Currituck	126	-3.9972%	110.89	7.2602	-4.1160%	6.3637	18,384	116.99
Dare	199	-3.9972%	175.14	8.8764	-4.1160%	7.7803	22,508	175.12
Gates	45	-3.9972%	39.60	6.0647	-4.1160%	5.3158	7,312	38.87
Hyde	28	-3.9972%	24.64	8.1324	-4.1160%	7.1283	3,295	23.49
Pasquotank *	186	-3.9972%	163.70	7.8030	-4.1160%	6.8395	23,348	159.69
Perquimans	59	-3.9972%	51.93	7.8468	-4.1160%	6.8779	7,502	51.60
Tyrrell	21	-3.9972%	18.48	7.9186	-4.1160%	6.9408	2,587	17.96
Washington	106	-3.9972%	93.29	15.7363	-4.1160%	13.7932	6,324	87.23
<b>Region R Totals</b>	<b>902</b>	<b>-3.9972%</b>	<b>793.84</b>	<b>8.5185</b>	<b>-4.1160%</b>	<b>7.4667</b>	<b>105,526</b>	<b>784.13</b>
<b>Grand Totals</b>	<b>62,531</b>	<b>-3.5028%</b>	<b>56,691.10</b>	<b>9.8933</b>	<b>-4.3318%</b>	<b>8.6076</b>	<b>6,486,573</b>	<b>56,492.79</b>

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Table 12C: 2021 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 65-74								
County	Home Health Patients in 2018	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2021	Geographic Unit's Use Rate per 1000 in 2018	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2021	Projected 2021 Population	Potential Home Health Patients in 2021
Cherokee	233	9.9897%	302.83	47.7851	7.5784%	58.6490	5,102	299.23
Clay	84	9.9897%	109.17	41.7288	7.5784%	51.2158	2,060	105.50
Graham	45	9.9897%	58.49	40.2504	7.5784%	49.4014	1,155	57.06
Haywood	458	9.9897%	595.26	52.3788	7.5784%	64.2871	9,090	584.37
Jackson	214	9.9897%	278.13	42.9202	7.5784%	52.6781	5,312	279.83
Macon	217	9.9897%	282.03	38.9168	7.5784%	47.7645	5,779	276.03
Swain	89	9.9897%	115.67	52.1688	7.5784%	64.0294	1,758	112.56
<b>Region A Totals</b>	<b>1,340</b>	<b>9.9897%</b>	<b>1,741.59</b>	<b>46.1766</b>	<b>7.5784%</b>	<b>56.6749</b>	<b>30,256</b>	<b>1,714.58</b>
Buncombe	1,699	5.4085%	1,974.67	55.9968	2.4207%	60.0634	33,358	2,003.60
Henderson	970	5.4085%	1,127.39	58.7345	2.4207%	62.9999	17,738	1,117.49
Madison	162	5.4085%	188.29	54.0721	2.4207%	57.9989	3,303	191.57
Transylvania	288	5.4085%	334.73	52.5739	2.4207%	56.3919	5,688	320.76
<b>Region B Totals</b>	<b>3,119</b>	<b>5.4085%</b>	<b>3,625.08</b>	<b>56.3709</b>	<b>2.4207%</b>	<b>60.4646</b>	<b>60,087</b>	<b>3,633.42</b>
Cleveland	970	5.6594%	1,134.69	88.6411	3.3495%	97.5482	11,642	1,135.66
McDowell	414	5.6594%	484.29	74.6619	3.3495%	82.1642	6,002	493.15
Polk	150	5.6594%	175.47	45.5373	3.3495%	50.1131	3,533	177.05
Rutherford	601	5.6594%	703.04	72.8927	3.3495%	80.2173	8,933	716.58
<b>Region C Totals</b>	<b>2,135</b>	<b>5.6594%</b>	<b>2,497.48</b>	<b>76.1765</b>	<b>3.3495%</b>	<b>83.8311</b>	<b>30,110</b>	<b>2,522.44</b>
Alleghany	85	3.4325%	93.75	54.5221	1.4944%	56.9664	1,613	91.89
Ashe	197	3.4325%	217.29	51.0231	1.4944%	53.3104	4,088	217.93
Avery	138	3.4325%	152.21	64.3957	1.4944%	67.2826	2,244	150.98
Mitchell	183	3.4325%	201.84	93.7981	1.4944%	98.0031	1,963	192.38
Watauga	165	3.4325%	181.99	30.8354	1.4944%	32.2177	5,810	187.18
Wilkes	518	3.4325%	571.34	61.4691	1.4944%	64.2248	8,928	573.40
Yancey	145	3.4325%	159.93	57.7000	1.4944%	60.2867	2,564	154.58
<b>Region D Totals</b>	<b>1,431</b>	<b>3.4325%</b>	<b>1,578.36</b>	<b>55.4544</b>	<b>1.4944%</b>	<b>57.9404</b>	<b>27,210</b>	<b>1,568.34</b>
Alexander	245	0.7008%	250.15	54.9820	-1.5983%	52.3457	4,733	247.75
Burke	613	0.7008%	625.89	58.6154	-1.5983%	55.8049	11,356	633.72
Caldwell	671	0.7008%	685.11	70.8928	-1.5983%	67.4936	10,171	686.48
Catawba	1,091	0.7008%	1,113.94	65.6715	-1.5983%	62.5226	17,838	1,115.28
<b>Region E Totals</b>	<b>2,620</b>	<b>0.7008%</b>	<b>2,675.08</b>	<b>63.9149</b>	<b>-1.5983%</b>	<b>60.8503</b>	<b>44,098</b>	<b>2,683.23</b>
Anson	205	2.1277%	218.09	78.4539	-1.8024%	74.2118	2,763	205.05
Cabarrus	1,321	2.1277%	1,405.32	78.2722	-1.8024%	74.0400	18,828	1,394.02
Gaston	1,621	2.1277%	1,724.47	74.9734	-1.8024%	70.9196	23,430	1,661.65
Iredell	1,052	2.1277%	1,119.15	61.9297	-1.8024%	58.5811	18,928	1,108.82
Lincoln	652	2.1277%	693.62	70.9930	-1.8024%	67.1544	10,346	694.78
Mecklenburg *	4,456	2.1277%	4,740.43	58.1109	-1.8024%	54.9688	88,218	4,849.24
Rowan	1,094	2.1277%	1,163.83	75.2562	-1.8024%	71.1871	16,038	1,141.70
Stanly	513	2.1277%	545.75	72.2943	-1.8024%	68.3853	7,705	526.91
Union	947	2.1277%	1,007.45	51.2446	-1.8024%	48.4738	20,720	1,004.38
<b>Region F Totals</b>	<b>11,861</b>	<b>2.1277%</b>	<b>12,618.10</b>	<b>64.4353</b>	<b>-1.8024%</b>	<b>60.9513</b>	<b>206,976</b>	<b>12,586.54</b>
Alamance	1,144	2.3064%	1,223.16	71.8864	-0.5041%	70.7993	17,884	1,266.18
Caswell	137	2.3064%	146.48	46.9983	-0.5041%	46.2876	3,128	144.79
Davidson	1,043	2.3064%	1,115.17	59.1370	-0.5041%	58.2428	18,932	1,102.65
Guilford	3,335	2.3064%	3,565.76	69.8605	-0.5041%	68.8041	52,523	3,613.80
Montgomery	212	2.3064%	226.67	64.1064	-0.5041%	63.1370	3,543	223.69
Randolph	876	2.3064%	936.61	59.0575	-0.5041%	58.1644	15,668	911.32
Rockingham	696	2.3064%	744.16	66.7114	-0.5041%	65.7026	11,200	735.87
<b>Region G Totals</b>	<b>7,443</b>	<b>2.3064%</b>	<b>7,958.00</b>	<b>65.9975</b>	<b>-0.5041%</b>	<b>64.9995</b>	<b>122,878</b>	<b>7,998.30</b>

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Davie	286	5.5378%	333.51	56.8815	2.3350%	60.8660	5,514	335.61
Forsyth	2,537	5.5378%	2,958.48	73.0408	2.3350%	78.1573	38,292	2,992.80
Stokes	410	5.5378%	478.11	75.2846	2.3350%	80.5582	5,890	474.49
Surry	628	5.5378%	732.33	77.2353	2.3350%	82.6455	8,622	712.57
Yadkin	323	5.5378%	376.66	75.7327	2.3350%	81.0377	4,600	372.77
<b>Region I Totals</b>	<b>4,184</b>	<b>5.5378%</b>	<b>4,879.10</b>	<b>72.6338</b>	<b>2.3350%</b>	<b>77.7218</b>	<b>62,918</b>	<b>4,888.24</b>
Chatham	355	5.5101%	413.68	33.3929	0.3975%	33.7912	11,980	404.82
Durham	1,372	5.5101%	1,598.80	56.6919	0.3975%	57.3680	27,700	1,589.09
Johnston	1,062	5.5101%	1,237.55	62.8440	0.3975%	63.5935	18,983	1,207.19
Lee	384	5.5101%	447.48	68.7802	0.3975%	69.6005	6,092	424.01
Moore *	537	5.5101%	625.77	39.4940	0.3975%	39.9650	14,631	584.73
Orange	587	5.5101%	684.03	45.1053	0.3975%	45.6432	14,797	675.38
Wake *	4,256	5.5101%	4,959.53	54.8786	0.3975%	55.5331	90,248	5,011.75
<b>Region J Totals</b>	<b>8,553</b>	<b>5.5101%</b>	<b>9,966.84</b>	<b>52.9670</b>	<b>0.3975%</b>	<b>53.5987</b>	<b>184,431</b>	<b>9,896.97</b>
Franklin	444	1.1873%	459.81	64.1711	-1.9528%	60.4118	7,924	478.70
Granville	311	1.1873%	322.08	50.0725	-1.9528%	47.1390	7,055	332.57
Person	261	1.1873%	270.30	57.6032	-1.9528%	54.2286	4,892	265.29
Vance	269	1.1873%	278.58	56.9312	-1.9528%	53.5960	5,001	268.03
Warren	150	1.1873%	155.34	57.6480	-1.9528%	54.2708	2,667	144.74
<b>Region K Totals</b>	<b>1,435</b>	<b>1.1873%</b>	<b>1,486.11</b>	<b>57.4276</b>	<b>-1.9528%</b>	<b>54.0633</b>	<b>27,539</b>	<b>1,489.33</b>
Edgecombe	415	-2.8205%	379.89	66.6560	-5.3781%	55.9015	6,759	377.84
Halifax	298	-2.8205%	272.78	49.6088	-5.3781%	41.6048	6,513	270.97
Nash	633	-2.8205%	579.44	58.6926	-5.3781%	49.2230	11,726	577.19
Northampton	135	-2.8205%	123.58	52.9619	-5.3781%	44.4170	2,560	113.71
Wilson	454	-2.8205%	415.59	53.2426	-5.3781%	44.6524	9,348	417.41
<b>Region L Totals</b>	<b>1,935</b>	<b>-2.8205%</b>	<b>1,771.27</b>	<b>56.7549</b>	<b>-5.3781%</b>	<b>47.5979</b>	<b>36,906</b>	<b>1,757.12</b>
Cumberland *	1,474	6.9049%	1,779.34	58.5571	3.5007%	64.7068	28,227	1,826.48
Harnett *	626	6.9049%	755.67	61.0851	3.5007%	67.5003	11,422	770.99
Sampson	450	6.9049%	543.22	70.0171	3.5007%	77.3703	6,973	539.50
<b>Region M Totals</b>	<b>2,550</b>	<b>6.9049%</b>	<b>3,078.23</b>	<b>60.9363</b>	<b>3.5007%</b>	<b>67.3358</b>	<b>46,622</b>	<b>3,136.97</b>
Bladen	293	0.9786%	301.60	71.5507	-1.4160%	68.5113	4,145	283.98
Hoke *	136	0.9786%	139.99	40.1062	-1.4160%	38.4025	4,124	158.37
Richmond	320	0.9786%	329.39	65.9658	-1.4160%	63.1636	5,052	319.10
Robeson	983	0.9786%	1,011.86	80.4287	-1.4160%	77.0122	13,021	1,002.78
Scotland	245	0.9786%	252.19	61.2960	-1.4160%	58.6922	4,192	246.04
<b>Region N Totals</b>	<b>1,977</b>	<b>0.9786%</b>	<b>2,035.04</b>	<b>69.2324</b>	<b>-1.4160%</b>	<b>66.2915</b>	<b>30,534</b>	<b>2,010.27</b>
Brunswick	1,329	0.4436%	1,346.69	51.2237	-3.3859%	46.0206	27,714	1,275.42
Columbus	589	0.4436%	596.84	93.5812	-3.3859%	84.0756	6,450	542.29
New Hanover *	1,383	0.4436%	1,401.41	58.4803	-3.3859%	52.5401	25,833	1,357.27
Pender	458	0.4436%	464.10	66.4346	-3.3859%	59.6864	7,645	456.30
<b>Region O Totals</b>	<b>3,759</b>	<b>0.4436%</b>	<b>3,809.03</b>	<b>59.8738</b>	<b>-3.3859%</b>	<b>53.7921</b>	<b>67,642</b>	<b>3,631.27</b>

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Table 12C: 2021 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 65-74								
County	Home Health Patients in 2018	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2021	Geographic Unit's Use Rate per 1000 in 2018	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2021	Projected 2021 Population	Potential Home Health Patients in 2021
Carteret *	489	5.4355%	568.74	47.5866	3.1203%	52.0411	10,755	559.70
Craven *	603	5.4355%	701.33	63.3337	3.1203%	69.2623	9,788	677.94
Duplin	436	5.4355%	507.10	73.6238	3.1203%	80.5156	6,120	492.76
Greene	150	5.4355%	174.46	72.0807	3.1203%	78.8281	2,315	182.49
Jones	69	5.4355%	80.25	56.1889	3.1203%	61.4487	1,389	85.35
Lenoir	574	5.4355%	667.60	88.8132	3.1203%	97.1270	6,975	677.46
Onslow *	866	5.4355%	1,007.22	77.0806	3.1203%	84.2960	12,638	1,065.33
Pamlico	58	5.4355%	67.46	27.7911	3.1203%	30.3926	2,148	65.28
Wayne *	847	5.4355%	985.12	73.5052	3.1203%	80.3859	12,725	1,022.91
<b>Region P Totals</b>	<b>4,092</b>	<b>5.4355%</b>	<b>4,759.27</b>	<b>67.8202</b>	<b>3.1203%</b>	<b>74.1688</b>	<b>64,853</b>	<b>4,829.22</b>
Beaufort	417	6.1146%	493.49	61.0721	3.1778%	66.8942	6,999	468.19
Bertie	149	6.1146%	176.33	68.5057	3.1778%	75.0366	2,388	179.19
Hertford	132	6.1146%	156.21	50.4009	3.1778%	55.2058	2,850	157.34
Martin	236	6.1146%	279.29	76.4496	3.1778%	83.7378	3,280	274.66
Pitt	1,023	6.1146%	1,210.66	72.4197	3.1778%	79.3236	15,986	1,268.07
<b>Region Q Totals</b>	<b>1,957</b>	<b>6.1146%</b>	<b>2,315.99</b>	<b>67.8689</b>	<b>3.1778%</b>	<b>74.3391</b>	<b>31,503</b>	<b>2,347.44</b>
Camden	28	-6.2276%	22.77	28.3688	-7.8536%	21.6849	1,094	23.72
Chowan	75	-6.2276%	60.99	40.8052	-7.8536%	31.1912	1,847	57.61
Currituck	103	-6.2276%	83.76	37.0904	-7.8536%	28.3516	3,207	90.92
Dare	194	-6.2276%	157.76	39.8767	-7.8536%	30.4815	5,415	165.06
Gates	47	-6.2276%	38.22	35.9877	-7.8536%	27.5088	1,438	39.56
Hyde	19	-6.2276%	15.45	29.0076	-7.8536%	22.1732	742	16.45
Pasquotank *	146	-6.2276%	118.72	40.4656	-7.8536%	30.9317	3,882	120.08
Perquimans	47	-6.2276%	38.22	24.0779	-7.8536%	18.4050	2,001	36.83
Tyrrell	39	-6.2276%	31.71	91.1215	-7.8536%	69.6527	472	32.88
Washington	108	-6.2276%	87.82	66.2170	-7.8536%	50.6159	1,746	88.38
<b>Region R Totals</b>	<b>806</b>	<b>-6.2276%</b>	<b>655.42</b>	<b>40.2055</b>	<b>-7.8536%</b>	<b>30.7328</b>	<b>21,844</b>	<b>671.48</b>
<b>Grand Totals</b>	<b>61,197</b>	<b>3.2245%</b>	<b>67,449.98</b>	<b>61.4062</b>	<b>-0.1444%</b>	<b>61.1403</b>	<b>1,096,407</b>	<b>67,365.17</b>

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Table 12C: 2021 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 75 and Over								
County	Home Health Patients in 2018	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2021	Geographic Unit's Use Rate per 1000 in 2018	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2021	Projected 2021 Population	Potential Home Health Patients in 2021
Cherokee	495	0.9704%	509.41	133.4951	-3.6812%	118.7526	4,205	499.35
Clay	133	0.9704%	136.87	90.2307	-3.6812%	80.2660	1,690	135.65
Graham	228	0.9704%	234.64	227.5449	-3.6812%	202.4160	1,049	212.33
Haywood	949	0.9704%	976.63	132.8573	-3.6812%	118.1852	7,751	916.05
Jackson	280	0.9704%	288.15	79.7267	-3.6812%	70.9220	3,974	281.84
Macon	433	0.9704%	445.61	91.3117	-3.6812%	81.2277	5,223	424.25
Swain	106	0.9704%	109.09	85.7605	-3.6812%	76.2895	1,355	103.37
<b>Region A Totals</b>	<b>2,624</b>	<b>0.9704%</b>	<b>2,700.39</b>	<b>115.0020</b>	<b>-3.6812%</b>	<b>102.3017</b>	<b>25,247</b>	<b>2,572.86</b>
Buncombe	3,235	5.5083%	3,769.58	149.0028	1.3466%	155.0220	23,989	3,718.82
Henderson	2,100	5.5083%	2,447.02	143.2176	1.3466%	149.0031	16,118	2,401.63
Madison	282	5.5083%	328.60	138.3710	1.3466%	143.9607	2,279	328.09
Transylvania	671	5.5083%	781.88	122.8488	1.3466%	127.8114	6,047	772.88
<b>Region B Totals</b>	<b>6,288</b>	<b>5.5083%</b>	<b>7,327.08</b>	<b>143.3195</b>	<b>1.3466%</b>	<b>149.1091</b>	<b>48,433</b>	<b>7,221.42</b>
Cleveland	1,782	7.2269%	2,168.35	246.6436	3.3386%	271.3466	7,726	2,096.42
McDowell	669	7.2269%	814.04	167.7112	3.3386%	184.5086	4,296	792.65
Polk	342	7.2269%	416.15	113.5458	3.3386%	124.9182	3,238	404.49
Rutherford	942	7.2269%	1,146.23	153.3453	3.3386%	168.7038	6,564	1,107.37
<b>Region C Totals</b>	<b>3,735</b>	<b>7.2269%</b>	<b>4,544.77</b>	<b>183.3669</b>	<b>3.3386%</b>	<b>201.7323</b>	<b>21,824</b>	<b>4,400.93</b>
Alleghany	167	0.2115%	168.06	125.4696	-3.4750%	112.3893	1,442	162.07
Ashe	406	0.2115%	408.58	133.4648	-3.4750%	119.5511	3,291	393.44
Avery	298	0.2115%	299.89	170.5781	-3.4750%	152.7953	1,866	285.12
Mitchell	294	0.2115%	295.87	177.6435	-3.4750%	159.1241	1,760	280.06
Watauga	447	0.2115%	449.84	116.1341	-3.4750%	104.0271	4,418	459.59
Wilkes	857	0.2115%	862.44	135.2162	-3.4750%	121.1198	6,893	834.88
Yancey	274	0.2115%	275.74	133.7891	-3.4750%	119.8415	2,194	262.93
<b>Region D Totals</b>	<b>2,743</b>	<b>0.2115%</b>	<b>2,760.40</b>	<b>137.0815</b>	<b>-3.4750%</b>	<b>122.7907</b>	<b>21,864</b>	<b>2,678.09</b>
Alexander	373	5.4613%	434.11	118.9034	1.1907%	123.1507	3,502	431.27
Burke	1,096	5.4613%	1,275.57	140.8378	1.1907%	145.8686	8,264	1,205.46
Caldwell	1,204	5.4613%	1,401.26	181.3526	1.1907%	187.8306	7,152	1,343.36
Catawba	2,169	5.4613%	2,524.37	196.0235	1.1907%	203.0255	12,109	2,458.44
<b>Region E Totals</b>	<b>4,842</b>	<b>5.4613%</b>	<b>5,635.31</b>	<b>169.1647</b>	<b>1.1907%</b>	<b>175.2073</b>	<b>31,027</b>	<b>5,438.53</b>
Anson	261	5.3904%	303.21	143.0137	0.9520%	147.0982	1,932	284.19
Cabarrus	2,380	5.3904%	2,764.87	217.0147	0.9520%	223.2127	12,425	2,773.42
Gaston	2,750	5.3904%	3,194.70	198.4700	0.9520%	204.1384	14,933	3,048.40
Iredell	2,079	5.3904%	2,415.20	186.1902	0.9520%	191.5079	12,547	2,402.85
Lincoln	1,061	5.3904%	1,232.57	190.4164	0.9520%	195.8547	6,377	1,248.97
Mecklenburg *	8,491	5.3904%	9,864.08	182.8420	0.9520%	188.0640	54,177	10,188.75
Rowan	1,837	5.3904%	2,134.06	184.4378	0.9520%	189.7054	10,550	2,001.39
Stanly	878	5.3904%	1,019.98	178.8552	0.9520%	183.9633	5,336	981.63
Union	1,769	5.3904%	2,055.07	159.7003	0.9520%	164.2614	13,335	2,190.43
<b>Region F Totals</b>	<b>21,506</b>	<b>5.3904%</b>	<b>24,983.75</b>	<b>185.7633</b>	<b>0.9520%</b>	<b>191.0687</b>	<b>131,612</b>	<b>25,120.02</b>
Alamance	2,409	3.0007%	2,625.86	195.1714	-0.3794%	192.9499	13,475	2,600.00
Caswell	282	3.0007%	307.39	147.7213	-0.3794%	146.0399	2,108	307.85
Davidson	1,805	3.0007%	1,967.49	151.1852	-0.3794%	149.4644	12,927	1,932.13
Guilford	6,346	3.0007%	6,917.27	192.4547	-0.3794%	190.2641	36,542	6,952.63
Montgomery	361	3.0007%	393.50	152.0640	-0.3794%	150.3332	2,580	387.86
Randolph	1,661	3.0007%	1,810.52	162.3815	-0.3794%	160.5332	11,089	1,780.15
Rockingham	1,308	3.0007%	1,425.75	169.7819	-0.3794%	167.8494	8,041	1,349.68
<b>Region G Totals</b>	<b>14,172</b>	<b>3.0007%</b>	<b>15,447.77</b>	<b>178.3270</b>	<b>-0.3794%</b>	<b>176.2972</b>	<b>86,762</b>	<b>15,310.30</b>

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A projected deficit of 325 patients is the threshold of need for a new home health agency.

Table 12C: 2021 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 75 and Over								
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Davie	721	5.7009%	844.31	195.7643	2.9326%	212.9873	4,097	872.61
Forsyth	5,216	5.7009%	6,108.08	214.4825	2.9326%	233.3523	26,461	6,174.73
Stokes	734	5.7009%	859.53	186.5785	2.9326%	202.9934	4,295	871.86
Surry	1,295	5.7009%	1,516.48	209.5130	2.9326%	227.9456	6,417	1,462.73
Yadkin	576	5.7009%	674.51	178.0526	2.9326%	193.7173	3,463	670.84
<b>Region I Totals</b>	<b>8,542</b>	<b>5.7009%</b>	<b>10,002.92</b>	<b>206.5680</b>	<b>2.9326%</b>	<b>224.7415</b>	<b>44,733</b>	<b>10,052.77</b>
Chatham	655	8.6574%	825.12	79.9073	3.5739%	88.4746	9,901	875.99
Durham	2,618	8.6574%	3,297.95	177.7325	3.5739%	196.7883	16,701	3,286.56
Johnston	1,762	8.6574%	2,219.63	182.8939	3.5739%	202.5031	11,415	2,311.57
Lee	583	8.6574%	734.42	137.8251	3.5739%	152.6021	4,489	685.03
Moore *	1,218	8.6574%	1,534.34	98.0282	3.5739%	108.5384	13,646	1,481.11
Orange	1,204	8.6574%	1,516.70	165.1804	3.5739%	182.8904	8,750	1,600.29
Wake *	9,149	8.6574%	11,525.19	200.3284	3.5739%	221.8069	55,399	12,287.88
<b>Region J Totals</b>	<b>17,189</b>	<b>8.6574%</b>	<b>21,653.34</b>	<b>168.2310</b>	<b>3.5739%</b>	<b>186.2680</b>	<b>120,301</b>	<b>22,528.43</b>
Franklin	629	3.5083%	695.20	141.8904	-0.5993%	139.3394	5,085	708.54
Granville	538	3.5083%	594.62	139.6677	-0.5993%	137.1567	4,398	603.22
Person	473	3.5083%	522.78	150.9253	-0.5993%	148.2119	3,427	507.92
Vance	433	3.5083%	478.57	129.7184	-0.5993%	127.3862	3,531	449.80
Warren	253	3.5083%	279.63	114.5833	-0.5993%	112.5233	2,378	267.58
<b>Region K Totals</b>	<b>2,326</b>	<b>3.5083%</b>	<b>2,570.81</b>	<b>137.1058</b>	<b>-0.5993%</b>	<b>134.6408</b>	<b>18,819</b>	<b>2,537.06</b>
Edgecombe	605	-2.1286%	566.37	146.8803	-4.5535%	126.8156	4,433	562.17
Halifax	560	-2.1286%	524.24	125.9843	-4.5535%	108.7741	4,505	490.03
Nash	1,163	-2.1286%	1,088.73	171.5339	-4.5535%	148.1014	7,451	1,103.50
Northampton	232	-2.1286%	217.18	102.9281	-4.5535%	88.8675	2,392	212.57
Wilson	773	-2.1286%	723.64	129.1131	-4.5535%	111.4755	6,471	721.36
<b>Region L Totals</b>	<b>3,333</b>	<b>-2.1286%</b>	<b>3,120.16</b>	<b>141.3186</b>	<b>-4.5535%</b>	<b>122.0137</b>	<b>25,252</b>	<b>3,089.63</b>
Cumberland *	2,582	5.8947%	3,038.60	158.0268	2.2318%	168.6073	17,609	2,969.01
Harnett *	1,009	5.8947%	1,187.43	150.3726	2.2318%	160.4406	7,455	1,196.08
Sampson	759	5.8947%	893.22	161.8337	2.2318%	172.6691	4,960	856.44
<b>Region M Totals</b>	<b>4,350</b>	<b>5.8947%</b>	<b>5,119.26</b>	<b>156.8189</b>	<b>2.2318%</b>	<b>167.3185</b>	<b>30,024</b>	<b>5,021.53</b>
Bladen	477	2.5159%	513.00	168.1946	-0.1532%	167.4217	3,050	510.64
Hoke *	304	2.5159%	326.95	162.3932	-0.1532%	161.6469	2,168	350.45
Richmond	361	2.5159%	388.25	116.8285	-0.1532%	116.2916	3,257	378.76
Robeson	1,212	2.5159%	1,303.48	164.5845	-0.1532%	163.8281	7,858	1,287.36
Scotland	313	2.5159%	336.62	127.8595	-0.1532%	127.2719	2,657	338.16
<b>Region N Totals</b>	<b>2,667</b>	<b>2.5159%</b>	<b>2,868.30</b>	<b>151.4480</b>	<b>-0.1532%</b>	<b>150.7521</b>	<b>18,990</b>	<b>2,865.37</b>
Brunswick	1,937	5.4541%	2,253.94	133.6692	-1.1006%	129.2557	18,371	2,374.56
Columbus	915	5.4541%	1,064.71	208.5708	-1.1006%	201.6842	4,689	945.70
New Hanover *	2,915	5.4541%	3,391.96	177.6897	-1.1006%	171.8228	18,725	3,217.38
Pender	759	5.4541%	883.19	174.4828	-1.1006%	168.7217	4,995	842.76
<b>Region O Totals</b>	<b>6,526</b>	<b>5.4541%</b>	<b>7,593.80</b>	<b>164.6608</b>	<b>-1.1006%</b>	<b>159.2240</b>	<b>46,780</b>	<b>7,380.40</b>

\* Adjustments for active duty military personnel have been applied to the Ages 18-64 population. A projected deficit of 325 patients is the threshold of need for a new home health agency.

Table 12C: 2021 Need Projections for Medicare-certified Home Health Agencies or Offices

Ages 75 and Over								
County	Home Health Patients in 2018	COG's Average Annual Rate of Change in # Patients Served	Anticipated # of Patients Receiving Services in 2021	Geographic Unit's Use Rate per 1000 in 2018	COG's Average Annual Rate of Change in Use Rate	Anticipated Use Rate per 1000 in 2021	Projected 2021 Population	Potential Home Health Patients in 2021
Carteret *	979	4.9970%	1,125.76	137.3650	2.0486%	145.8071	8,040	1,172.29
Craven *	1,016	4.9970%	1,168.31	123.9478	2.0486%	131.5653	8,468	1,114.10
Duplin	773	4.9970%	888.88	169.3690	2.0486%	179.7780	4,851	872.10
Greene	183	4.9970%	210.43	136.8736	2.0486%	145.2855	1,456	211.54
Jones	127	4.9970%	146.04	144.1544	2.0486%	153.0138	939	143.68
Lenoir	996	4.9970%	1,145.31	213.4591	2.0486%	226.5778	4,871	1,103.66
Onslow *	1,451	4.9970%	1,668.52	190.3700	2.0486%	202.0697	8,243	1,665.66
Pamlico	116	4.9970%	133.39	68.7611	2.0486%	72.9870	1,843	134.52
Wayne *	1,552	4.9970%	1,784.66	181.8395	2.0486%	193.0149	9,125	1,761.26
<b>Region P Totals</b>	<b>7,193</b>	<b>4.9970%</b>	<b>8,271.30</b>	<b>161.2202</b>	<b>2.0486%</b>	<b>171.1284</b>	<b>47,836</b>	<b>8,178.80</b>
Beaufort	664	5.7598%	778.73	140.8570	2.7108%	152.3121	5,235	797.35
Bertie	276	5.7598%	323.69	155.7562	2.7108%	168.4229	1,790	301.48
Hertford	213	5.7598%	249.81	112.8776	2.7108%	122.0573	1,977	241.31
Martin	425	5.7598%	498.44	199.6242	2.7108%	215.8585	2,264	488.70
Pitt	1,545	5.7598%	1,811.97	171.3620	2.7108%	185.2979	9,962	1,845.94
<b>Region Q Totals</b>	<b>3,123</b>	<b>5.7598%</b>	<b>3,662.63</b>	<b>160.0061</b>	<b>2.7108%</b>	<b>173.0185</b>	<b>21,228</b>	<b>3,674.78</b>
Camden	47	-7.7702%	36.04	66.1972	-11.4508%	43.4568	799	34.72
Chowan	156	-7.7702%	119.64	99.6805	-11.4508%	65.4378	1,634	106.93
Currituck	134	-7.7702%	102.76	82.3096	-11.4508%	54.0342	1,882	101.69
Dare	265	-7.7702%	203.23	89.0457	-11.4508%	58.4563	3,458	202.14
Gates	72	-7.7702%	55.22	71.2166	-11.4508%	46.7519	1,110	51.89
Hyde	35	-7.7702%	26.84	82.5472	-11.4508%	54.1902	449	24.33
Pasquotank *	202	-7.7702%	154.91	78.9063	-11.4508%	51.8000	2,735	141.67
Perquimans	94	-7.7702%	72.09	54.4928	-11.4508%	35.7731	1,891	67.65
Tyrrell	47	-7.7702%	36.04	109.8131	-11.4508%	72.0896	437	31.50
Washington	158	-7.7702%	121.17	125.5962	-11.4508%	82.4508	1,341	110.57
<b>Region R Totals</b>	<b>1,210</b>	<b>-7.7702%</b>	<b>927.94</b>	<b>84.7042</b>	<b>-11.4508%</b>	<b>55.6062</b>	<b>15,736</b>	<b>873.10</b>
<b>Grand Totals</b>	<b>112,369</b>	<b>4.7794%</b>	<b>129,189.94</b>	<b>165.6348</b>	<b>0.7208%</b>	<b>169.2166</b>	<b>756,468</b>	<b>128,944.01</b>

\* Adjustments for active duty military personnel have been applied to the Ages 18-64 population.  
A projected deficit of 325 patients is the threshold of need for a new home health agency.