

Table13B: Year 2020 Hospice Home Care Office Need Projections

| Column A | Column B | Column C | Column D | Column E | Column F | Column G | Column H | Column I | Column J | Column K | Column L | Column M | Column N |
|----------------------|--------------------------------------|--|-------------------------|--|---|---|--|---|--------------------------------------|---|------------------------------------|--|---------------------------------|
| County | 2012-2016 Death Rate/1000 Population | 2020 Population (excluding military) | Projected 2020 Deaths | 2017 Reported Number of Hospice Patient Deaths | 2020 Number of Hospice Deaths Served at Two Year Trailing Average Growth Rate | 2020 Number of Hospice Deaths Served Limited to 60% | Projected 2020 Number of Hospice Deaths Served | Median Projected 2020 Hospice Deaths | Place-holders for New Hospice Office | Projected Number of Additional Patients in Need Surplus (Deficit) | Licensed Hospice Offices in County | Licensed Home Care Offices in County per 100,000 | Additional Hospice Office Need |
| Source or Formula => | Deaths - N.C. Vital Statistics | N.C. Office of State Budget and Management | Col. B x (Col. C/1,000) | 2018 License Data Supplements | Col. E x 3 Years Growth at 3.2% annually | Col. D x 60% | Lower Number of Deaths between Col. F and Col. G | Col. D x Projected Statewide Median Percent Deaths Served (40.6%) | | Col. H + Col. J - Col. I | 2018 License Renewal Applications | Col. L / (Col. C / 100,000) | If Col. M <=3 and Col. K <= -90 |
| Alamance | 10.4 | 167,588 | 1,743 | 804 | 883 | 1,046 | 883 | 708 | 0 | 175 | 5 | 3.0 | 0 |
| Alexander | 10.0 | 38,891 | 389 | 160 | 176 | 233 | 176 | 158 | 0 | 18 | 1 | 2.6 | 0 |
| Alleghany | 11.7 | 11,326 | 133 | 56 | 61 | 80 | 61 | 54 | 0 | 8 | 1 | 8.8 | 0 |
| Anson | 11.9 | 25,628 | 305 | 88 | 97 | 183 | 97 | 124 | 0 | -27 | 3 | 11.7 | 0 |
| Ashe | 12.4 | 27,186 | 337 | 115 | 126 | 202 | 126 | 137 | 0 | -11 | 1 | 3.7 | 0 |
| Avery | 10.5 | 18,083 | 190 | 113 | 124 | 114 | 114 | 77 | 0 | 37 | 1 | 5.5 | 0 |
| Beaufort | 12.4 | 47,270 | 586 | 247 | 271 | 352 | 271 | 238 | 0 | 33 | 2 | 4.2 | 0 |
| Bertie | 11.9 | 19,831 | 236 | 50 | 55 | 142 | 55 | 96 | 0 | -41 | 0 | 0.0 | 0 |
| Bladen | 11.7 | 33,574 | 393 | 151 | 166 | 236 | 166 | 159 | 0 | 6 | 3 | 8.9 | 0 |
| Brunswick | 11.1 | 141,520 | 1,571 | 702 | 771 | 943 | 771 | 638 | 0 | 133 | 4 | 2.8 | 0 |
| Buncombe | 10.2 | 270,935 | 2,764 | 1,319 | 1,448 | 1,658 | 1,448 | 1,122 | 0 | 326 | 1 | 0.4 | 0 |
| Burke | 11.4 | 91,767 | 1,046 | 509 | 559 | 628 | 559 | 425 | 0 | 134 | 2 | 2.2 | 0 |
| Cabarrus | 7.9 | 217,409 | 1,718 | 987 | 1,084 | 1,031 | 1,031 | 697 | 0 | 333 | 2 | 0.9 | 0 |
| Caldwell | 11.5 | 85,264 | 981 | 485 | 533 | 588 | 533 | 398 | 0 | 135 | 2 | 2.3 | 0 |
| Camden | 8.1 | 10,505 | 85 | 29 | 32 | 51 | 32 | 35 | 0 | -3 | 0 | 0.0 | 0 |
| Carteret * | 11.2 | 70,805 | 793 | 394 | 433 | 476 | 433 | 322 | 0 | 111 | 5 | 7.1 | 0 |
| Caswell | 11.7 | 23,694 | 277 | 76 | 83 | 166 | 83 | 113 | 0 | -29 | 0 | 0.0 | 0 |
| Catawba | 10.5 | 158,374 | 1,663 | 949 | 1,042 | 998 | 998 | 675 | 0 | 323 | 3 | 1.9 | 0 |
| Chatham | 9.5 | 79,480 | 755 | 253 | 278 | 453 | 278 | 307 | 0 | -29 | 5 | 6.3 | 0 |
| Cherokee | 13.3 | 30,967 | 412 | 131 | 144 | 247 | 144 | 167 | 0 | -23 | 1 | 3.2 | 0 |
| Chowan | 12.3 | 13,944 | 172 | 46 | 51 | 103 | 51 | 70 | 0 | -19 | 1 | 7.2 | 0 |
| Clay | 13.4 | 11,987 | 161 | 50 | 55 | 96 | 55 | 65 | 0 | -10 | 1 | 8.3 | 0 |
| Cleveland | 12.2 | 99,285 | 1,211 | 590 | 648 | 727 | 648 | 492 | 0 | 156 | 3 | 3.0 | 0 |
| Columbus | 12.2 | 56,903 | 694 | 304 | 334 | 417 | 334 | 282 | 0 | 52 | 4 | 7.0 | 0 |
| Craven * | 10.1 | 97,502 | 985 | 353 | 388 | 591 | 388 | 400 | 0 | -12 | 4 | 4.1 | 0 |
| Cumberland * | 7.5 | 304,304 | 2,282 | 688 | 755 | 1,369 | 755 | 927 | 180 | 9 | 8 | 2.6 | 0 |

* Population projections were adjusted to exclude active duty military personnel.

Table13B: Year 2020 Hospice Home Care Office Need Projections

| Column A | Column B | Column C | Column D | Column E | Column F | Column G | Column H | Column I | Column J | Column K | Column L | Column M | Column N |
|----------------------|--------------------------------------|--|-------------------------|--|---|---|--|---|--------------------------------------|---|------------------------------------|--|---------------------------------|
| County | 2012-2016 Death Rate/1000 Population | 2020 Population (excluding military) | Projected 2020 Deaths | 2017 Reported Number of Hospice Patient Deaths | 2020 Number of Hospice Deaths Served at Two Year Trailing Average Growth Rate | 2020 Number of Hospice Deaths Served Limited to 60% | Projected 2020 Number of Hospice Deaths Served | Median Projected 2020 Hospice Deaths | Place-holders for New Hospice Office | Projected Number of Additional Patients in Need Surplus (Deficit) | Licensed Hospice Offices in County | Licensed Home Care Offices in County per 100,000 | Additional Hospice Office Need |
| Source or Formula => | Deaths - N.C. Vital Statistics | N.C. Office of State Budget and Management | Col. B x (Col. C/1,000) | 2018 License Data Supplements | Col. E x 3 Years Growth at 3.2% annually | Col. D x 60% | Lower Number of Deaths between Col. F and Col. G | Col. D x Projected Statewide Median Percent Deaths Served (40.6%) | | Col. H + Col. J - Col. I | 2018 License Renewal Applications | Col. L / (Col. C / 100,000) | If Col. M <=3 and Col. K <= -90 |
| Currituck | 9.1 | 28,118 | 256 | 91 | 100 | 154 | 100 | 104 | 0 | -4 | 0 | 0.0 | 0 |
| Dare | 8.9 | 37,851 | 337 | 141 | 155 | 202 | 155 | 137 | 0 | 18 | 2 | 5.3 | 0 |
| Davidson | 10.6 | 170,091 | 1,803 | 886 | 973 | 1,082 | 973 | 732 | 0 | 241 | 4 | 2.4 | 0 |
| Davie | 11.0 | 44,281 | 487 | 240 | 264 | 292 | 264 | 198 | 0 | 66 | 2 | 4.5 | 0 |
| Duplin | 9.1 | 59,323 | 540 | 175 | 192 | 324 | 192 | 219 | 0 | -27 | 2 | 3.4 | 0 |
| Durham | 6.5 | 320,173 | 2,081 | 1,156 | 1,269 | 1,249 | 1,249 | 845 | 0 | 404 | 6 | 1.9 | 0 |
| Edgecombe | 11.3 | 50,730 | 573 | 170 | 187 | 344 | 187 | 233 | 0 | -46 | 2 | 3.9 | 0 |
| Forsyth | 8.9 | 383,913 | 3,417 | 1,792 | 1,968 | 2,050 | 1,968 | 1,387 | 0 | 581 | 2 | 0.5 | 0 |
| Franklin | 8.9 | 69,729 | 621 | 117 | 128 | 372 | 128 | 252 | 0 | -123 | 4 | 5.7 | 0 |
| Gaston | 10.7 | 224,197 | 2,399 | 1,241 | 1,363 | 1,439 | 1,363 | 974 | 0 | 389 | 2 | 0.9 | 0 |
| Gates | 9.7 | 12,057 | 117 | 34 | 37 | 70 | 37 | 47 | 0 | -10 | 0 | 0.0 | 0 |
| Graham | 12.3 | 8,896 | 109 | 21 | 23 | 66 | 23 | 44 | 0 | -21 | 1 | 11.2 | 0 |
| Granville | 8.8 | 61,739 | 543 | 152 | 167 | 326 | 167 | 221 | 0 | -54 | 2 | 3.2 | 0 |
| Greene | 9.0 | 21,519 | 194 | 57 | 63 | 116 | 63 | 79 | 0 | -16 | 1 | 4.6 | 0 |
| Guilford | 8.2 | 535,159 | 4,388 | 2,060 | 2,262 | 2,633 | 2,262 | 1,782 | 0 | 481 | 5 | 0.9 | 0 |
| Halifax | 12.3 | 50,779 | 625 | 174 | 191 | 375 | 191 | 254 | 0 | -62 | 3 | 5.9 | 0 |
| Harnett * | 7.6 | 132,763 | 1,009 | 343 | 377 | 605 | 377 | 410 | 0 | -33 | 5 | 3.8 | 0 |
| Haywood | 12.5 | 63,791 | 797 | 384 | 422 | 478 | 422 | 324 | 0 | 98 | 1 | 1.6 | 0 |
| Henderson | 12.4 | 121,192 | 1,503 | 841 | 923 | 902 | 902 | 610 | 0 | 292 | 2 | 1.7 | 0 |
| Hertford | 10.6 | 23,671 | 251 | 82 | 90 | 151 | 90 | 102 | 0 | -12 | 1 | 4.2 | 0 |
| Hoke * | 5.8 | 55,203 | 320 | 106 | 116 | 192 | 116 | 130 | 0 | -14 | 1 | 1.8 | 0 |
| Hyde | 10.3 | 5,601 | 58 | 12 | 13 | 35 | 13 | 23 | 90 | 80 | 0 | 0.0 | 0 |
| Iredell | 9.1 | 186,093 | 1,693 | 858 | 942 | 1,016 | 942 | 687 | 0 | 255 | 4 | 2.1 | 0 |
| Jackson | 8.8 | 44,750 | 394 | 152 | 167 | 236 | 167 | 160 | 0 | 7 | 1 | 2.2 | 0 |
| Johnston | 7.5 | 210,948 | 1,582 | 607 | 667 | 949 | 667 | 642 | 0 | 24 | 6 | 2.8 | 0 |
| Jones | 11.8 | 10,355 | 122 | 31 | 34 | 73 | 34 | 50 | 0 | -16 | 1 | 9.7 | 0 |

* Population projections were adjusted to exclude active duty military personnel.

Table13B: Year 2020 Hospice Home Care Office Need Projections

| Column A | Column B | Column C | Column D | Column E | Column F | Column G | Column H | Column I | Column J | Column K | Column L | Column M | Column N |
|----------------------|--------------------------------------|--|-------------------------|--|---|---|--|---|--------------------------------------|---|------------------------------------|--|---------------------------------|
| County | 2012-2016 Death Rate/1000 Population | 2020 Population (excluding military) | Projected 2020 Deaths | 2017 Reported Number of Hospice Patient Deaths | 2020 Number of Hospice Deaths Served at Two Year Trailing Average Growth Rate | 2020 Number of Hospice Deaths Served Limited to 60% | Projected 2020 Number of Hospice Deaths Served | Median Projected 2020 Hospice Deaths | Place-holders for New Hospice Office | Projected Number of Additional Patients in Need Surplus (Deficit) | Licensed Hospice Offices in County | Licensed Home Care Offices in County per 100,000 | Additional Hospice Office Need |
| Source or Formula => | Deaths - N.C. Vital Statistics | N.C. Office of State Budget and Management | Col. B x (Col. C/1,000) | 2018 License Data Supplements | Col. E x 3 Years Growth at 3.2% annually | Col. D x 60% | Lower Number of Deaths between Col. F and Col. G | Col. D x Projected Statewide Median Percent Deaths Served (40.6%) | | Col. H + Col. J - Col. I | 2018 License Renewal Applications | Col. L / (Col. C / 100,000) | If Col. M <=3 and Col. K <= -90 |
| Lee | 9.2 | 59,761 | 550 | 279 | 306 | 330 | 306 | 223 | 0 | 83 | 2 | 3.3 | 0 |
| Lenoir | 12.2 | 57,146 | 697 | 175 | 192 | 418 | 192 | 283 | 0 | -91 | 3 | 5.2 | 0 |
| Lincoln | 9.6 | 87,248 | 838 | 351 | 385 | 503 | 385 | 340 | 0 | 45 | 1 | 1.1 | 0 |
| Macon | 13.1 | 36,515 | 478 | 241 | 265 | 287 | 265 | 194 | 0 | 70 | 2 | 5.5 | 0 |
| Madison | 11.1 | 23,034 | 256 | 105 | 115 | 153 | 115 | 104 | 0 | 12 | 1 | 4.3 | 0 |
| Martin | 13.3 | 23,215 | 309 | 93 | 102 | 185 | 102 | 125 | 0 | -23 | 2 | 8.6 | 0 |
| McDowell | 11.4 | 46,221 | 527 | 211 | 232 | 316 | 232 | 214 | 0 | 18 | 1 | 2.2 | 0 |
| Mecklenburg * | 5.8 | 1,142,903 | 6,629 | 3,045 | 3,344 | 3,977 | 3,344 | 2,691 | 0 | 653 | 6 | 0.5 | 0 |
| Mitchell | 14.1 | 15,191 | 214 | 115 | 126 | 129 | 126 | 87 | 0 | 39 | 1 | 6.6 | 0 |
| Montgomery | 10.3 | 28,144 | 290 | 132 | 145 | 174 | 145 | 118 | 0 | 27 | 1 | 3.6 | 0 |
| Moore * | 11.9 | 100,447 | 1,195 | 635 | 697 | 717 | 697 | 485 | 0 | 212 | 2 | 2.0 | 0 |
| Nash | 10.6 | 94,419 | 1,001 | 325 | 357 | 601 | 357 | 406 | 0 | -49 | 4 | 4.2 | 0 |
| New Hanover * | 8.7 | 237,667 | 2,068 | 1,018 | 1,118 | 1,241 | 1,118 | 839 | 0 | 278 | 3 | 1.3 | 0 |
| Northampton | 13.2 | 20,149 | 266 | 85 | 93 | 160 | 93 | 108 | 0 | -15 | 1 | 5.0 | 0 |
| Onslow * | 5.6 | 171,930 | 963 | 390 | 428 | 578 | 428 | 391 | 0 | 37 | 4 | 2.3 | 0 |
| Orange | 5.5 | 146,889 | 808 | 397 | 436 | 485 | 436 | 328 | 0 | 108 | 3 | 2.0 | 0 |
| Pamlico | 12.2 | 13,330 | 163 | 44 | 48 | 98 | 48 | 66 | 0 | -18 | 2 | 15.0 | 0 |
| Pasquotank * | 10.3 | 40,336 | 415 | 180 | 198 | 249 | 198 | 169 | 0 | 29 | 2 | 5.0 | 0 |
| Pender | 9.7 | 64,933 | 630 | 240 | 264 | 378 | 264 | 256 | 0 | 8 | 3 | 4.6 | 0 |
| Perquimans | 12.0 | 13,677 | 164 | 49 | 54 | 98 | 54 | 67 | 0 | -13 | 0 | 0.0 | 0 |
| Person | 10.8 | 40,248 | 435 | 144 | 158 | 261 | 158 | 176 | 0 | -18 | 1 | 2.5 | 0 |
| Pitt | 7.0 | 177,909 | 1,245 | 595 | 653 | 747 | 653 | 506 | 0 | 148 | 8 | 4.5 | 0 |
| Polk | 13.9 | 21,504 | 299 | 151 | 166 | 179 | 166 | 121 | 0 | 44 | 1 | 4.7 | 0 |
| Randolph | 10.2 | 147,555 | 1,505 | 778 | 854 | 903 | 854 | 611 | 0 | 243 | 3 | 2.0 | 0 |
| Richmond | 11.8 | 44,651 | 527 | 320 | 351 | 316 | 316 | 214 | 0 | 102 | 3 | 6.7 | 0 |
| Robeson | 9.8 | 130,109 | 1,275 | 559 | 614 | 765 | 614 | 518 | 0 | 96 | 6 | 4.6 | 0 |

* Population projections were adjusted to exclude active duty military personnel.

Table13B: Year 2020 Hospice Home Care Office Need Projections

| Column A | Column B | Column C | Column D | Column E | Column F | Column G | Column H | Column I | Column J | Column K | Column L | Column M | Column N |
|----------------------|--------------------------------------|--|-------------------------|--|---|---|--|---|--------------------------------------|---|------------------------------------|--|---------------------------------|
| County | 2012-2016 Death Rate/1000 Population | 2020 Population (excluding military) | Projected 2020 Deaths | 2017 Reported Number of Hospice Patient Deaths | 2020 Number of Hospice Deaths Served at Two Year Trailing Average Growth Rate | 2020 Number of Hospice Deaths Served Limited to 60% | Projected 2020 Number of Hospice Deaths Served | Median Projected 2020 Hospice Deaths | Place-holders for New Hospice Office | Projected Number of Additional Patients in Need Surplus (Deficit) | Licensed Hospice Offices in County | Licensed Home Care Offices in County per 100,000 | Additional Hospice Office Need |
| Source or Formula => | Deaths - N.C. Vital Statistics | N.C. Office of State Budget and Management | Col. B x (Col. C/1,000) | 2018 License Data Supplements | Col. E x 3 Years Growth at 3.2% annually | Col. D x 60% | Lower Number of Deaths between Col. F and Col. G | Col. D x Projected Statewide Median Percent Deaths Served (40.6%) | | Col. H + Col. J - Col. I | 2018 License Renewal Applications | Col. L / (Col. C / 100,000) | If Col. M <=3 and Col. K <= -90 |
| Rockingham | 12.3 | 91,668 | 1,128 | 442 | 485 | 677 | 485 | 458 | 0 | 28 | 1 | 1.1 | 0 |
| Rowan | 11.5 | 144,755 | 1,665 | 605 | 664 | 999 | 664 | 676 | 0 | -11 | 4 | 2.8 | 0 |
| Rutherford | 12.7 | 68,016 | 864 | 492 | 540 | 518 | 518 | 351 | 0 | 168 | 2 | 2.9 | 0 |
| Sampson | 10.4 | 62,269 | 648 | 166 | 182 | 389 | 182 | 263 | 0 | -81 | 4 | 6.4 | 0 |
| Scotland | 10.9 | 35,412 | 386 | 221 | 243 | 232 | 232 | 157 | 0 | 75 | 0 | 0.0 | 0 |
| Stanly | 11.4 | 64,259 | 733 | 323 | 355 | 440 | 355 | 297 | 0 | 57 | 2 | 3.1 | 0 |
| Stokes | 11.1 | 46,674 | 518 | 283 | 311 | 311 | 311 | 210 | 0 | 100 | 1 | 2.1 | 0 |
| Surry | 11.9 | 72,845 | 867 | 549 | 603 | 520 | 520 | 352 | 0 | 168 | 4 | 5.5 | 0 |
| Swain | 12.5 | 15,435 | 193 | 75 | 82 | 116 | 82 | 78 | 0 | 4 | 0 | 0.0 | 0 |
| Transylvania | 12.3 | 35,434 | 436 | 227 | 249 | 262 | 249 | 177 | 0 | 72 | 1 | 2.8 | 0 |
| Tyrrell | 10.0 | 4,137 | 41 | 13 | 14 | 25 | 14 | 17 | 0 | -3 | 0 | 0.0 | 0 |
| Union | 6.2 | 240,933 | 1,494 | 938 | 1,030 | 896 | 896 | 606 | 0 | 290 | 3 | 1.2 | 0 |
| Vance | 11.3 | 44,654 | 505 | 157 | 172 | 303 | 172 | 205 | 0 | -32 | 2 | 4.5 | 0 |
| Wake * | 5.2 | 1,115,971 | 5,803 | 3,067 | 3,368 | 3,482 | 3,368 | 2,356 | 0 | 1,012 | 7 | 0.6 | 0 |
| Warren | 11.8 | 19,952 | 235 | 60 | 66 | 141 | 66 | 96 | 0 | -30 | 0 | 0.0 | 0 |
| Washington | 11.9 | 12,121 | 144 | 47 | 52 | 87 | 52 | 59 | 0 | -7 | 2 | 16.5 | 0 |
| Watauga | 6.1 | 59,703 | 364 | 176 | 193 | 219 | 193 | 148 | 0 | 45 | 1 | 1.7 | 0 |
| Wayne * | 9.2 | 124,845 | 1,149 | 653 | 717 | 689 | 689 | 466 | 0 | 223 | 3 | 2.4 | 0 |
| Wilkes | 11.8 | 71,574 | 845 | 397 | 436 | 507 | 436 | 343 | 0 | 93 | 3 | 4.2 | 0 |
| Wilson | 10.1 | 83,327 | 842 | 260 | 286 | 505 | 286 | 342 | 0 | -56 | 4 | 4.8 | 0 |
| Yadkin | 11.2 | 37,719 | 422 | 179 | 197 | 253 | 197 | 172 | 0 | 25 | 2 | 5.3 | 0 |
| Yancey | 12.7 | 18,366 | 233 | 126 | 138 | 140 | 138 | 95 | 0 | 44 | 1 | 5.4 | 0 |
| Grand Totals | 8.7 | 10,542,144 | 91,717 | 41,685 | 45,774 | 55,030 | 45,774 | 37,234 | 270 | 8,810 | 236 | 2.2 | 0 |

* Population projections were adjusted to exclude active duty military personnel.