

Draft 2045 MTP Guide Totals

Edited: August 15, 2016

These are the preliminary 2045 MTP guide totals, using the same analysis process as was used in Imagine 2040. The population projections are for the full counties in the MTP region. Using the 2013 estimates from the N.C. Office of State Budget and Management, and their projections out to 2035, projected growth was extrapolated out to 2045. The net households added to the region between 2013 and 2045 were calculated using the population numbers, the single-family/multi-family splits, and average household size for each from the 2010-2014 American Community Survey. The net households added are for the full counties as well. The employment projections are calculated for the TRM region only. Growth rates were calculated from Woods & Poole's employment projections, as they are the only data source that projects out to 2045. However, given concerns that their employment numbers tend to be high, the base 2013 data comes from InfoUSA data that has been cleaned and verified by local planners through Employment Analyst. The Woods & Poole growth rates were applied to the 2013 Employment Analyst base data to provide 2025 and 2045 employment estimates.

| Population | | | |
|--------------|------------------|------------------|------------------|
| County | 2013 | 2025 | 2045 |
| Chatham | 67,587 | 81,136 | 105,958 |
| Durham | 286,210 | 353,649 | 475,091 |
| Franklin | 62,715 | 69,923 | 83,313 |
| Granville | 57,844 | 60,188 | 64,391 |
| Harnett | 123,432 | 150,535 | 200,131 |
| Johnston | 177,312 | 222,091 | 314,100 |
| Nash | 94,633 | 92,429 | 88,239 |
| Orange | 139,289 | 158,244 | 194,867 |
| Person | 39,158 | 39,791 | 40,353 |
| Wake | 964,934 | 1,206,046 | 1,647,536 |
| Total | 2,013,114 | 2,434,032 | 3,213,980 |

From NC OSBM projections dated 08Oct2015, extrapolated to 2045

| Employment | | | |
|--------------|----------------|------------------|------------------|
| County | 2013 | 2025 | 2045 |
| Chatham | 9,374 | 12,163 | 17,784 |
| Durham | 227,924 | 289,559 | 405,219 |
| Franklin | 14,617 | 18,449 | 25,218 |
| Granville | 8,576 | 10,128 | 12,325 |
| Harnett | 5,704 | 7,165 | 9,639 |
| Johnston | 43,960 | 55,009 | 72,331 |
| Nash | 335 | 386 | 444 |
| Orange | 66,405 | 83,666 | 111,473 |
| Person | 9,988 | 10,957 | 11,692 |
| Wake | 552,018 | 715,817 | 1,025,938 |
| Total | 938,901 | 1,203,298 | 1,692,063 |

Note, this is for the TRM area only

Steps used:

- 1 2013 employment from Employment Analyst
- 2 2025 and 2045 employment reached by applying Woods & Poole's rates of employment growth from their 2015 data book from 2013-2025 and 2013-2045

| Net Households Added | | | | | | |
|----------------------|----------------|----------------|---------------|----------------|----------------|---------------|
| County | 2025 | | | 2045 | | |
| | Total | SF | MF | Total | SF | MF |
| Chatham | 5,355 | 5,017 | 337 | 15,165 | 14,210 | 955 |
| Durham | 26,128 | 17,349 | 8,779 | 73,178 | 48,590 | 24,588 |
| Franklin | 2,816 | 2,717 | 99 | 8,046 | 7,765 | 282 |
| Granville | 853 | 783 | 70 | 2,382 | 2,187 | 195 |
| Harnett | 9,517 | 8,831 | 685 | 26,931 | 24,992 | 1,939 |
| Johnston | 15,546 | 14,489 | 1,057 | 47,490 | 44,261 | 3,229 |
| Nash | (859) | (743) | (116) | (2,491) | (2,155) | (336) |
| Orange | 7,684 | 5,617 | 2,067 | 22,532 | 16,471 | 6,061 |
| Person | 243 | 227 | 17 | 459 | 428 | 31 |
| Wake | 88,698 | 66,612 | 22,086 | 251,109 | 188,583 | 62,526 |
| Total | 155,981 | 120,900 | 35,081 | 444,801 | 345,331 | 99,471 |

Steps used:

- 1 Used population numbers to determine net added population
- 2 Applied proportions of SF/MF housing units, from 2010-2014 ACS 5-Year estimates
(These proportions were tweaked in Imagine 2040)
- 3 Applied average household size of SF/MF units, from 2010-2014 ACS 5-Year estimates
- 4 Calculated net new occupied units (full calculations on "Households" tab)

Draft 2045 MTP Guide Totals

Edited: August 15, 2016

These are the preliminary 2045 MTP guide totals, using the same analysis process as was used in Imagine 2040. The population projections are for the full counties in the MTP region. Using the 2013 estimates from the N.C. Office of State Budget and Management, and their projections out to 2035, projected growth was extrapolated out to 2045. The net households added to the region between 2013 and 2045 were calculated using the population numbers, the single-family/multi-family splits from Imagine 2040, and average household size for each from the 2010-2014 ACS. The net households added are for the full counties as well. The employment projections are calculated for the TRM region only. Growth rates were calculated from Woods & Poole's employment projections, as they are the only data source that projects out to 2045. However, given concerns that their employment numbers tend to be high, the base 2013 data comes from InfoUSA data that has been cleaned and verified by local planners through Employment Analyst. The Woods & Poole growth rates were applied to the 2013 Employment Analyst base data to provide 2025 and 2045 employment estimates.

| Population | | | |
|--------------|------------------|------------------|------------------|
| County | 2013 | 2025 | 2045 |
| Chatham | 67,587 | 81,136 | 105,958 |
| Durham | 286,210 | 353,649 | 475,091 |
| Franklin | 62,715 | 69,923 | 83,313 |
| Granville | 57,844 | 60,188 | 64,391 |
| Harnett | 123,432 | 150,535 | 200,131 |
| Johnston | 177,312 | 222,091 | 314,100 |
| Nash | 94,633 | 92,429 | 88,239 |
| Orange | 139,289 | 158,244 | 194,867 |
| Person | 39,158 | 39,791 | 40,353 |
| Wake | 964,934 | 1,206,046 | 1,647,536 |
| Total | 2,013,114 | 2,434,032 | 3,213,980 |

From NC OSBM projections dated 08Oct2015, extrapolated to 2045

| Employment | | | |
|--------------|----------------|------------------|------------------|
| County | 2013 | 2025 | 2045 |
| Chatham | 9,374 | 12,163 | 17,784 |
| Durham | 227,924 | 289,559 | 405,219 |
| Franklin | 14,617 | 18,449 | 25,218 |
| Granville | 8,576 | 10,128 | 12,325 |
| Harnett | 5,704 | 7,165 | 9,639 |
| Johnston | 43,960 | 55,009 | 72,331 |
| Nash | 335 | 386 | 444 |
| Orange | 66,405 | 83,666 | 111,473 |
| Person | 9,988 | 10,957 | 11,692 |
| Wake | 552,018 | 715,817 | 1,025,938 |
| Total | 938,901 | 1,203,298 | 1,692,063 |

Note, this is for the TRM area only

Steps used:

- 1 2013 employment from Employment Analyst
- 2 2025 and 2045 employment reached by applying Woods & Poole's rates of employment growth from their 2015 data book from 2013-2025 and 2013-2045

| Net Households Added | | | | | | |
|----------------------|----------------|----------------|---------------|----------------|----------------|----------------|
| County | 2025 | | | 2045 | | |
| | Total | SF | MF | Total | SF | MF |
| Chatham | 5,367 | 4,991 | 376 | 15,198 | 14,135 | 1,064 |
| Durham | 26,246 | 17,060 | 9,186 | 73,509 | 47,781 | 25,728 |
| Franklin | 2,811 | 2,727 | 84 | 8,033 | 7,792 | 241 |
| Granville | 855 | 778 | 77 | 2,388 | 2,173 | 215 |
| Harnett | 9,577 | 8,715 | 862 | 27,102 | 24,663 | 2,439 |
| Johnston | 15,515 | 14,584 | 931 | 47,394 | 44,550 | 2,844 |
| Nash | (860) | (740) | (120) | (2,495) | (2,146) | (349) |
| Orange | 7,831 | 5,090 | 2,741 | 22,961 | 14,925 | 8,036 |
| Person | 243 | 234 | 10 | 459 | 441 | 18 |
| Wake | 90,135 | 63,095 | 27,041 | 255,178 | 178,625 | 76,553 |
| Total | 157,720 | 116,533 | 41,187 | 449,728 | 332,938 | 116,790 |

Steps used:

- 1 Used population numbers to determine net added population
- 2 Applied proportions of SF/MF housing units, from Imagine 2040 process
- 3 Applied average household size of SF/MF units, from 2010-2014 ACS 5-Year estimates
- 4 Calculated net new occupied units (full calculations on "Households" tab)