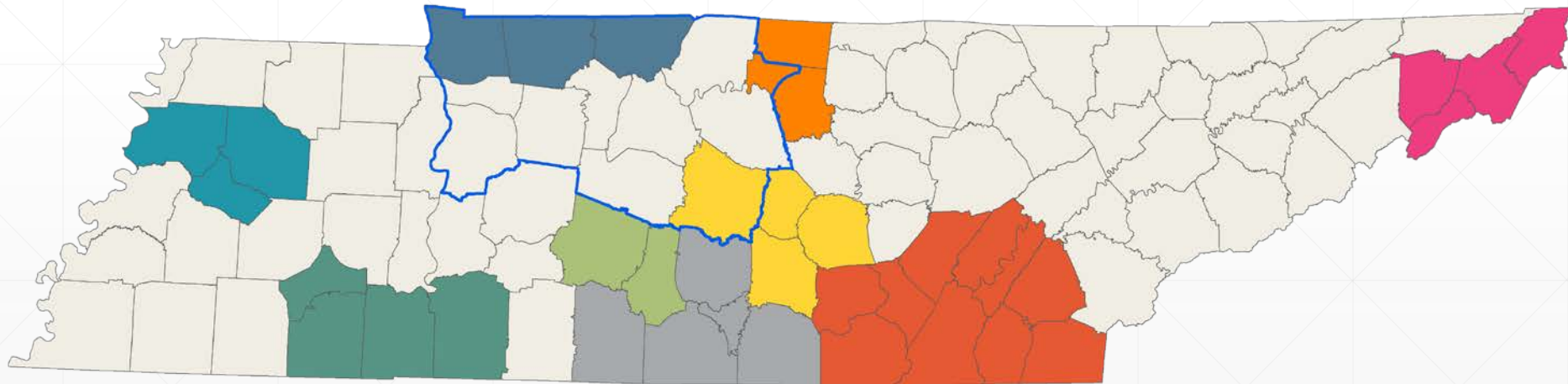


Garrett Haynes



Greater Nashville Regional Council

- Departments include: Long-Range Planning, Research, GIS Mapping, Policy Analysis
- GNRC recently integrated with the Nashville Area Metropolitan Planning Organization



Needs Assessment Report

- Assessed and updated every five years
 - Third party recommendation to your region's solid waste program
 - First Needs Assessments were due on April 1, 1999
 - Needs Assessments are staggered over the years
-

Historic vs Projected Populations

Table 1: Sumner County Historic Population 2000-2015

| Year | Sumner County | Gallatin | Goodlettsville | Hendersonville | Millersville |
|------|---------------|----------|----------------|----------------|--------------|
| 2000 | 130,449 | 23,230 | 13,780 | 40,620 | 5,308 |
| 2005 | 143,892 | 26,541 | 15,320 | 44,606 | 4,985 |
| 2009 | 155,680 | 28,695 | 16,512 | 46,553 | 6,568 |
| 2010 | 160,645 | 30,278 | 15,921 | 51,372 | 6,440 |
| 2011 | 163,943 | 31,013 | 16,161 | 52,421 | 6,528 |
| 2012 | 166,183 | 31,580 | 16,427 | 43,116 | 6,565 |
| 2013 | 169,128 | 32,292 | 16,831 | 54,084 | 6,612 |
| 2014 | 172,870 | 33,312 | 17,010 | 55,215 | 6,673 |
| 2015 | 175,989 | 34,334 | 16,994 | 56,018 | 6,700 |

Sources: University of Tennessee Center for Business and Economic Research, Population Projections for the State of Tennessee 2010-2013; United States Census Bureau, 2000 & 2010 Decennial Population Totals, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2015, 2009 ACS 5-Year Estimates

Table 2: Sumner County Historic Population 2000-2015 (Continued)

| Year | Mitchellville | Portland | Westmoreland | White House | Unincorporated |
|------|---------------|----------|--------------|-------------|----------------|
| 2000 | 207 | 8,458 | 2,093 | 7,220 | 29,533 |
| 2005 | 213 | 10,191 | 2,147 | 8,530 | 45,019 |
| 2009 | 253 | 10,868 | 2,518 | 9,567 | 34,146 |
| 2010 | 189 | 11,480 | 2,206 | 10,255 | 33,392 |
| 2011 | 193 | 11,631 | 2,227 | 10,465 | 43,722 |
| 2012 | 194 | 11,774 | 2,241 | 10,574 | 43,712 |
| 2013 | 196 | 11,939 | 2,257 | 10,727 | 31,190 |
| 2014 | 198 | 12,157 | 2,281 | 11,042 | 34,982 |
| 2015 | 200 | 12,323 | 2,291 | 11,226 | 35,903 |

Sources: University of Tennessee Center for Business and Economic Research, Population Projections for the State of Tennessee 2010-2013; United States Census Bureau, 2000 & 2010 Decennial Population Totals, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2015, 2009 ACS 5-Year Estimates; White House, TN 2005 Special Census

Table 3: Sumner County Population Projections

| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Sumner County Total | 169,128 | 172,870 | 175,989 | 178,730 | 181,647 | 184,532 | 187,398 | 190,261 | 193,113 |

Source: UT-Center for Business and Economic Research Census, Population Projections 2011-2064; United States Census Bureau, Population Division, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2015

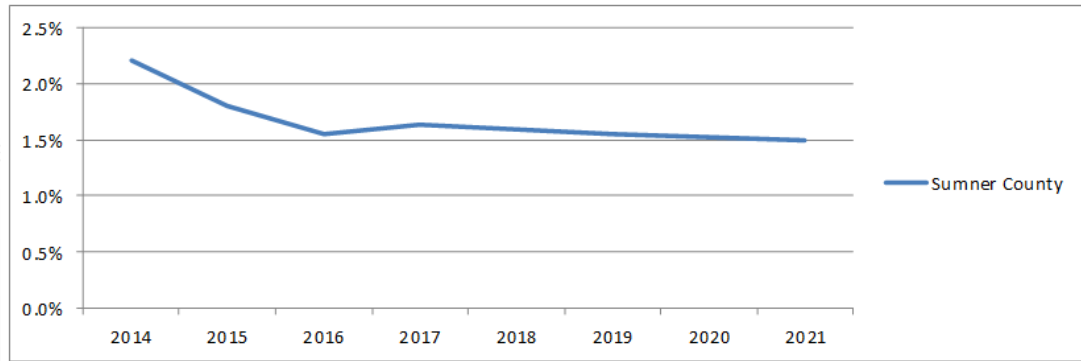


Chart 3 Sumner County Projected Population Growth Rate (2014-2021)

- Historic Population

- Projected Population

Economic Profile of the Region

Table 5: Sumner County Economic Data and Historic

| YEAR | LABOR FORCE | UNEMPLOYMENT | UNEMPLOYMENT RATE | PER CAPITA INCOME | SALES TAX COLLECTIONS (in thousands) |
|------|-------------|--------------|-------------------|-------------------|--------------------------------------|
| 2006 | 79,722 | 3,328 | 4.2% | \$23,547 | \$7,790.80 |
| 2007 | 79,517 | 3,255 | 4.1% | \$25,135 | \$8,318.90 |
| 2008 | 79,983 | 4,771 | 6.0% | \$26,357 | \$8,185.00 |
| 2009 | 80,599 | 7,922 | 9.8% | \$25,997 | \$7,514.00 |
| 2010 | 83,250 | 7,382 | 8.9% | \$26,014 | \$7,946.40 |
| 2011 | 84,928 | 6,691 | 7.9% | \$27,212 | \$8,330.80 |
| 2012 | 85,098 | 5,538 | 6.5% | \$27,823 | \$9,032.80 |
| 2013 | 85,645 | 5,295 | 6.2% | \$27,795 | \$9,563.00 |
| 2014 | 86,755 | 4,524 | 5.2% | \$28,393 | \$10,186.20 |
| 2015 | 88,327 | 4,248 | 4.7% | \$28,883 | \$10,889.00 |
| 2016 | 91,445 | 3,404 | 3.7% | ---- | \$11,792.90 |

Sources: Middle TN State University BERC, Economic Data History 2006-Present; U.S. Census Bureau, 2006-2014 American Community Survey;

TABLE 6, SUMNER COUNTY EMPLOYMENT BY SECTOR 2006-2020 (in Thousands)

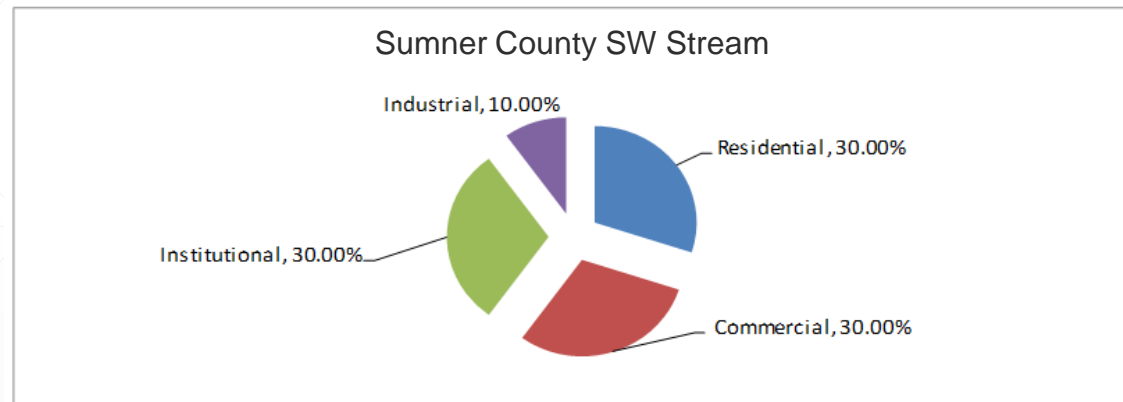
| | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Total Employment | 55567 | 57038 | 57359 | 54838 | 54542 | 56337 | 58441 | 61133 | 63732 | 65108 | 66463 | 67793 | 6911 | 70427 | 71754 |
| Farming | 1789 | 1703 | 1634 | 1562 | 1509 | 1471 | 1404 | 14 | 1401 | 1413 | 1425 | 1437 | 1449 | 146 | 1471 |
| Natural Resources | 0091 | 0085 | 0101 | 0162 | 0156 | 015 | 016 | 0153 | 0169 | 0171 | 0173 | 0175 | 0177 | 0179 | 0182 |
| Utilities | 008 | 019 | 0188 | 0166 | 0167 | 0145 | 0159 | 0149 | 0155 | 0155 | 0155 | 0155 | 0154 | 0154 | 0154 |
| Construction | 4881 | 5346 | 4847 | 3988 | 3492 | 3535 | 3558 | 3973 | 4158 | 4285 | 4399 | 4498 | 4594 | 4688 | 4783 |
| Manufacturing | 7315 | 6833 | 618 | 5079 | 5067 | 5569 | 5818 | 6469 | 7048 | 7098 | 7132 | 7153 | 7163 | 7163 | 7157 |
| Wholesale Trade | 2217 | 2153 | 2214 | 2059 | 2138 | 1963 | 2133 | 2463 | 2581 | 2633 | 2673 | 2706 | 2733 | 2757 | 2779 |
| Retail Trade | 6338 | 6389 | 6375 | 6126 | 6261 | 6508 | 6525 | 6915 | 7066 | 7239 | 7401 | 7548 | 7677 | 7799 | 7914 |
| Transportation/Warehousing | 2643 | 2524 | 2608 | 2446 | 2052 | 2404 | 2505 | 2305 | 2335 | 2342 | 2358 | 2379 | 2404 | 2432 | 2462 |
| Information Services | 0488 | 0622 | 0608 | 064 | 0615 | 0584 | 0565 | 0594 | 059 | 0592 | 0593 | 0595 | 0597 | 0598 | 06 |
| Finance/Insurance | 1706 | 1876 | 198 | 2028 | 21 | 2281 | 2387 | 2182 | 2223 | 2288 | 2354 | 242 | 2485 | 2549 | 2613 |
| Real Estate/Rental/Lease | 2004 | 2232 | 2138 | 2052 | 2107 | 2112 | 198 | 2098 | 2175 | 2219 | 2264 | 231 | 2356 | 2403 | 2451 |
| Professional/Tech. Services | 2226 | 2244 | 2418 | 2242 | 2271 | 2354 | 2593 | 2889 | 3425 | 3526 | 3629 | 3736 | 3846 | 396 | 4077 |
| Management/Enterprises | 0392 | 0421 | 046 | 049 | 0533 | 0389 | 0409 | 0408 | 0566 | 0585 | 0605 | 0624 | 0644 | 0664 | 0684 |
| Administrative/Waste Services | 246 | 2522 | 2518 | 2455 | 2834 | 3422 | 3998 | 4391 | 4532 | 4656 | 4786 | 4923 | 5066 | 5213 | 5366 |
| Education Services | 0497 | 0528 | 0618 | 0624 | 0679 | 071 | 0739 | 0805 | 0836 | 0864 | 0892 | 0922 | 0953 | 0985 | 1018 |
| Health Services | 5388 | 5645 | 6049 | 5852 | 5697 | 584 | 6166 | 6199 | 6311 | 6483 | 6659 | 6839 | 7023 | 7213 | 7407 |
| Art/Ent./Rec. | 0777 | 0866 | 0869 | 0833 | 0928 | 0901 | 1023 | 104 | 1033 | 1052 | 1072 | 1093 | 1115 | 1138 | 1162 |
| Accommodation/Food Services | 3173 | 3533 | 3844 | 3896 | 3774 | 4019 | 4422 | 4609 | 4755 | 4925 | 5098 | 5276 | 5458 | 5646 | 5839 |
| Government | 7268 | 7328 | 7543 | 8038 | 8119 | 8163 | 8129 | 8235 | 8316 | 8443 | 857 | 8693 | 8815 | 8935 | 9051 |
| Other Services | 3815 | 3971 | 4144 | 407 | 4005 | 3785 | 3733 | 3823 | 402 | 4102 | 4187 | 4273 | 4362 | 4452 | 4544 |



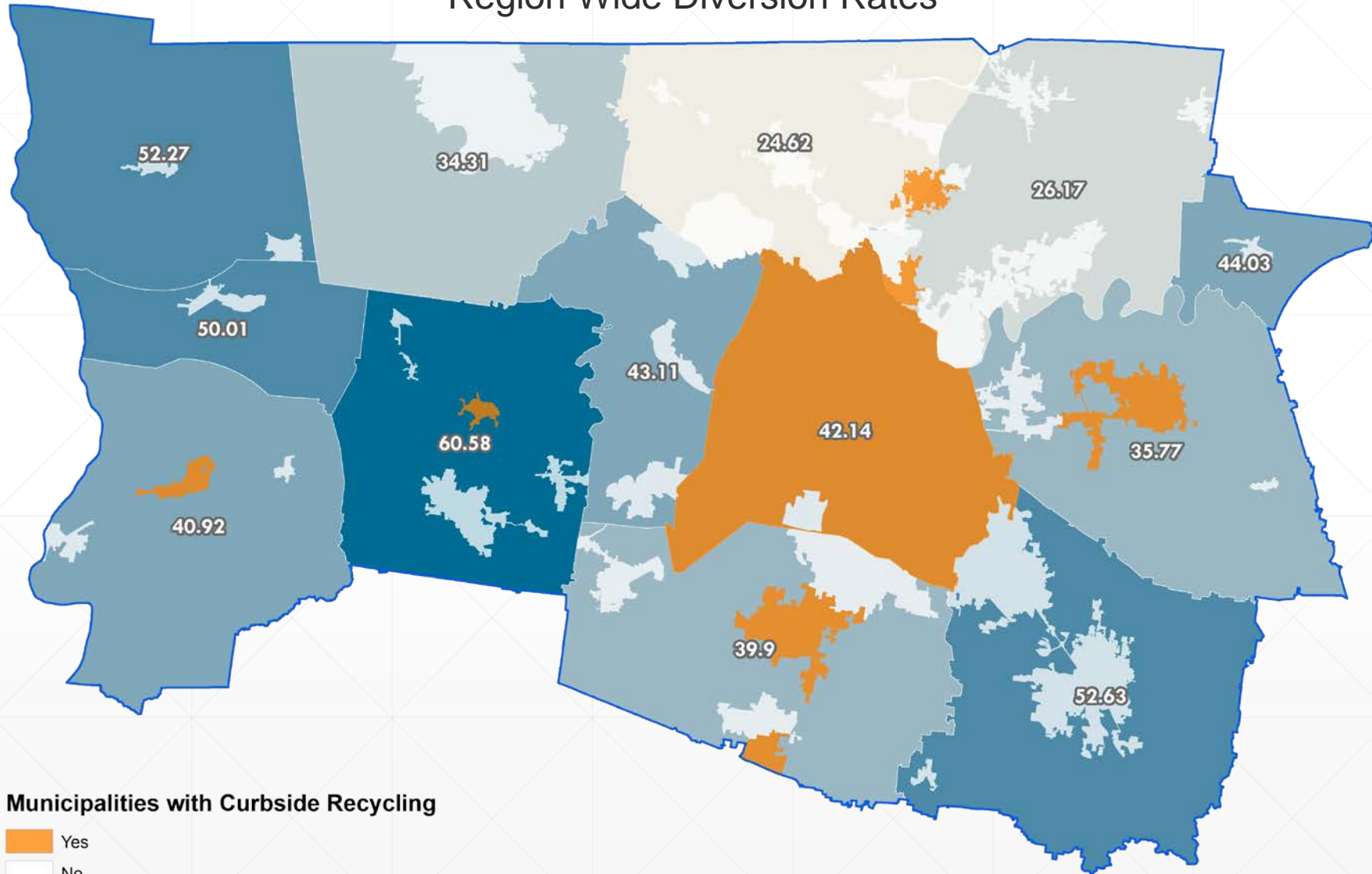
Map A – Sumner County’s Tops Two Industry Density by Census Tract (2015 ACS)
 Lower Higher

Characterization of the Solid Waste Stream

From the Annual Progress Report



Region Wide Diversion Rates



Municipalities with Curbside Recycling

- Yes
- No

Which landfill do you use?

Bi-County

Middle Point



Cedar Ridge



West Camden





Data Sources
