

## Section 1

### Demographic Information and Projections for a Ten-Year Planning Period

The East Tennessee Development District (ETDD) is comprised of sixteen counties in the mid-east region of Tennessee with an area of 6,563.5 square miles and a population of approximately 1,235,708 people. The sixteen counties of ETDD are geographically, economically, and demographically diverse, ranging in size from Union County with a population of approximately 20,000 to Knox County with just over 465,000 residents. Across a landscape that varies from rolling rural farmland to highly urbanized cityscapes, the approximately 1.236 million residents of the district enjoy mountains, rivers, lakes, and America’s most visited national park. Table 1-A below details 2018 population levels along with area in square miles and population density for each of the sixteen counties of ETDD.

Table 1-A

<b>County</b>	<b>Area (Miles<sup>2</sup>)</b>	<b>2018 Population</b>	<b>Average Density (Population/mi<sup>2</sup>)</b>
Anderson	337.5	76,482	226.6
Blount	558.6	131,349	235.1
Campbell	480.1	39,583	82.4
Claiborne	434.3	31,756	73.1
Cocke	434.4	35,774	82.4
Grainger	280.4	23,145	82.5
Hamblen	161.0	64,569	401.0
Jefferson	273.8	54,012	197.3
Knox	508.5	465,289	915.0
Loudon	228.6	53,054	232.1
Monroe	635.2	46,357	72.9
Morgan	522.1	21,579	41.3
Roane	361.0	53,140	147.2
Scott	532.1	22,039	41.4
Sevier	592.3	97,892	165.3
Union	223.6	19,688	88.1
<b>DISTRICT TOTALS</b>	<b>6,563.5</b>	<b>1,235,708</b>	<b>188.3</b>

Over the past decade, the ETDD region as a whole saw a 6% growth rate, with district-wide population increasing from 1,162,520 in 2008 to 1,235,708 in 2018. Growth over the ten-year period was primarily concentrated in the southcentral part of the district, with Loudon and Sevier Counties experiencing the highest growth rates—12% and 11% respectively—and with Knox County at 9% and Blount County at 8% growth rates. Counties along the east and north edges of the district—Campbell, Claiborne, Morgan, Roane, and Scott Counties--experienced negative growth over the decade, with population losses ranging from 155 in Scott County to 1,234 residents in Roane County. Cocke County had a zero population growth rate for the decade, and the remaining six counties, Anderson, Grainger, Hamblen, Jefferson, Monroe, and Union saw moderate growth in population over the same time period. Table 1-B below and Charts 1-A and 1-B detail population data for all 16 counties of ETDD from 2008-2018.

Table 1-B

County	Population Year										
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Anderson	74,397	75,031	75,105	75,170	75,191	75,268	75,139	75,485	75,583	76,187	76,482
Blount	121,716	122,689	123,199	123,659	123,905	124,865	125,839	126,869	128,259	129,900	131,349
Campbell	40,672	40,790	40,735	40,567	40,478	40,217	39,891	39,683	39,652	39,626	39,583
Claiborne	32,006	32,056	32,215	32,088	31,748	31,617	31,541	31,535	31,597	31,635	31,756
Cocke	35,666	35,811	35,639	35,403	35,455	35,327	35,205	35,068	35,150	35,481	35,774
Grainger	22,380	22,513	22,721	22,750	22,688	22,739	22,861	22,844	23,089	23,124	23,145
Hamblen	62,101	62,330	62,508	62,829	62,701	63,047	62,979	63,375	63,665	64,111	64,569
Jefferson	51,014	51,228	51,713	51,903	52,240	52,120	52,388	52,981	53,122	53,732	54,012
Knox	425,276	429,475	432,947	436,744	440,757	444,347	447,892	451,161	455,650	460,932	465,289
Loudon	47,342	47,940	48,700	49,118	49,758	50,330	50,565	50,909	51,348	52,175	53,054
Monroe	44,437	44,341	44,615	44,927	45,094	45,238	45,392	45,655	45,879	46,098	46,357
Morgan	21,734	21,832	22,019	21,996	21,891	21,661	21,686	21,485	21,718	21,514	21,579
Roane	54,374	54,367	54,160	53,926	53,565	53,116	52,823	52,728	52,862	52,932	53,140
Scott	22,214	22,195	22,227	22,102	22,136	21,997	21,988	21,889	21,869	21,985	22,039
Sevier	87,983	89,096	89,921	91,101	92,219	93,314	94,512	95,386	96,370	97,277	97,892
Union	19,208	19,225	19,116	19,189	19,101	19,051	18,987	19,160	19,225	19,407	19,688
<b>DISTRICT TOTAL</b>	1,162,520	1,170,919	1,177,540	1,183,472	1,188,927	1,194,254	1,199,688	1,206,213	1,215,038	1,226,116	1,235,708

Chart 1-A

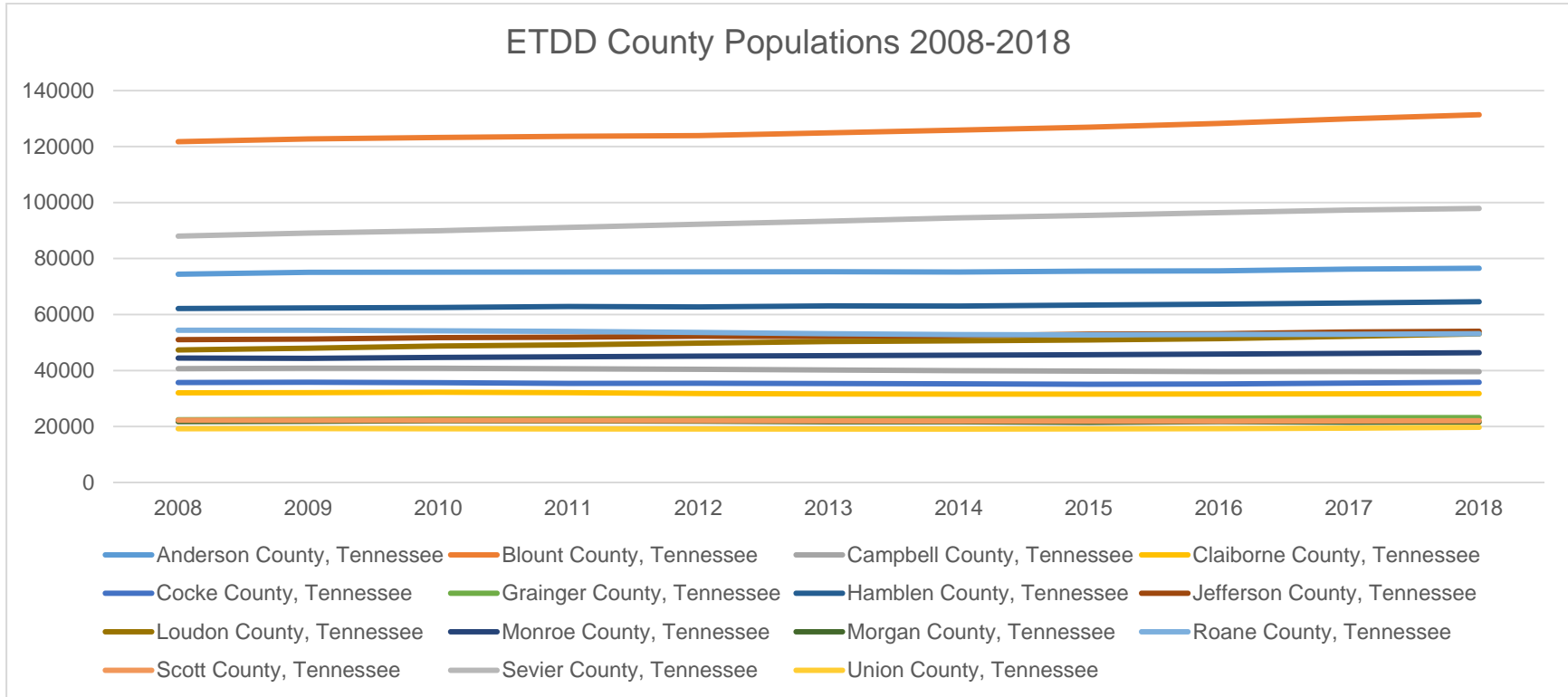
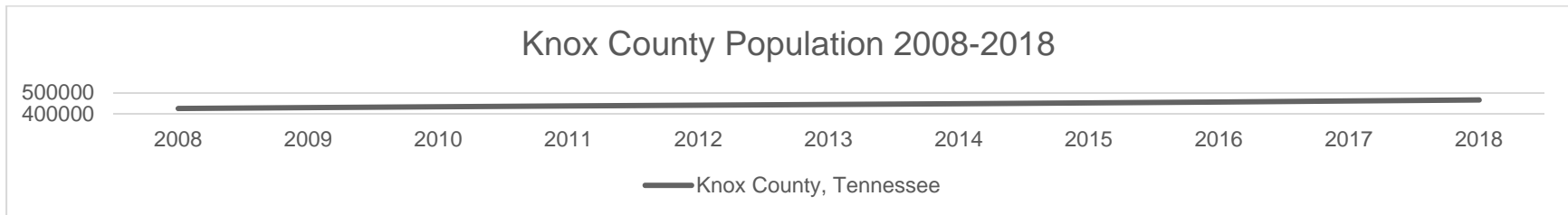


Chart 1-B<sup>1</sup>



<sup>1</sup> Knox County population data is presented in a separate chart to allow for easier viewing of smaller county populations in Chart 1-A.

Population projections from the TN State Data Center at the University of Tennessee show that the ETDD region will experience 6% growth from 2020-2029. This is the exact same rate of growth the region experienced over the previous decade. Projections show that growth will continue to be primarily concentrated in the southcentral area, with Sevier and Loudon Counties continuing to have the largest growth rates for the decade at 11% and 10% respectively, and with Knox County at a projected growth rate of 8%, Blount County at 7%, and Jefferson County at 6%. Campbell and Roane Counties are projected to experienced negative growth over the decade, with Campbell County losing approximately 948 residents and Roane County losing around 95 residents from 2020-2029. Scott County is projected to have a near zero population growth rate for the decade, gaining approximately 83 residents, and the remaining eight counties, Anderson, Claiborne, Cocke, Grainger, Hamblen, Monroe, Morgan, and Union are projected to have minimal growth in population over the same time period, with growth rates ranging from 1-4%. Table 1-C and Charts 1-C and 1-D detail projected population data for the 16 counties of ETDD from 2020-2029.

The solid waste infrastructure utilized by the 16 counties of the East Tennessee Development District region over the past decade was adequate for handling the solid waste generated by the populace. For disposal, the nine Class I landfills and ten Class III landfills located within the district boundaries ably handled the waste generated over the past decade, with landfills in counties outside the district, such as Bradley, Marshall, and Shelby Counties, reporting minimal waste disposal (as low as 0.16 tons) from within ETDD. Meadow Branch Landfill in McMinn County and Rhea County Landfill reported receiving more significant tonnages from within ETDD, though this waste came primarily from the bordering counties of Monroe and Roane. See Section 3 for more detailed information on the flow of wastes from the counties of ETDD. Additionally, the collection needs of the communities of ETDD over the last decade were adequately met by the infrastructure currently in place. Hamblen County and thirty-five of the fifty-six municipalities within the district provide curbside collection of Class I waste for their residents, and all sixteen counties provide an adequate number of convenience center locations to people living within their boundaries. See Section 5 for a more detailed discussion of the solid waste collection and recycling services in each county.

With district-wide population growth projected to remain at the same 6% growth rate over the next decade as the previous ten-year period and county population growth projected to remain at relatively the same levels as the previous decade with growth concentrated in the same geographic area of the district, there is little reason to anticipate that population growth within the ETDD region will have a significant impact on solid waste infrastructure needs. The same collection and disposal systems that so capably served the district for the past decade will easily handle the waste stream generated by the projected population numbers over the 2020-2029 timeframe. As more rural communities consider adding curbside recycling collection to the services provided for their residents, the existing infrastructure will only be improving over the next decade, taking an already adequate level of service to the next level.

Table 1-C  
Population Projections 2020-2029

County	Population Year									
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Anderson	77,151	77,459	77,746	78,016	78,266	78,500	78,715	78,916	79,105	79,285
Blount	133,808	134,982	136,116	137,211	138,267	139,287	140,274	141,229	142,153	143,050
Campbell	39,487	39,423	39,348	39,261	39,163	39,055	38,939	38,814	38,680	38,539
Claiborne	31,999	32,113	32,217	32,310	32,392	32,461	32,522	32,574	32,615	32,648
Cocke	36,026	36,130	36,221	36,299	36,363	36,417	36,459	36,492	36,514	36,526
Grainger	23,388	23,496	23,595	23,682	23,762	23,832	23,895	23,949	23,996	24,036
Hamblen	65,234	65,553	65,862	66,163	66,458	66,747	67,031	67,311	67,590	67,869
Jefferson	54,900	55,314	55,709	56,085	56,445	56,788	57,116	57,431	57,730	58,019
Knox	473,996	478,242	482,417	486,518	490,549	494,503	498,375	502,174	505,928	509,646
Loudon	54,454	55,127	55,779	56,408	57,017	57,606	58,178	58,735	59,276	59,800
Monroe	46,989	47,278	47,548	47,797	48,029	48,244	48,442	48,625	48,793	48,948
Morgan	21,754	21,836	21,911	21,981	22,043	22,100	22,152	22,196	22,236	22,271
Roane	53,285	53,340	53,377	53,397	53,400	53,386	53,357	53,314	53,258	53,190
Scott	22,117	22,147	22,172	22,190	22,204	22,212	22,216	22,215	22,209	22,200
Sevier	100,658	102,002	103,319	104,606	105,864	107,095	108,302	109,485	110,647	111,789
Union	19,808	19,858	19,900	19,935	19,963	19,984	19,998	20,006	20,006	20,002
DISTRICT TOTAL	1,255,054	1,264,300	1,273,237	1,281,859	1,290,185	1,298,217	1,305,971	1,313,466	1,320,736	1,327,818

Chart 1-C

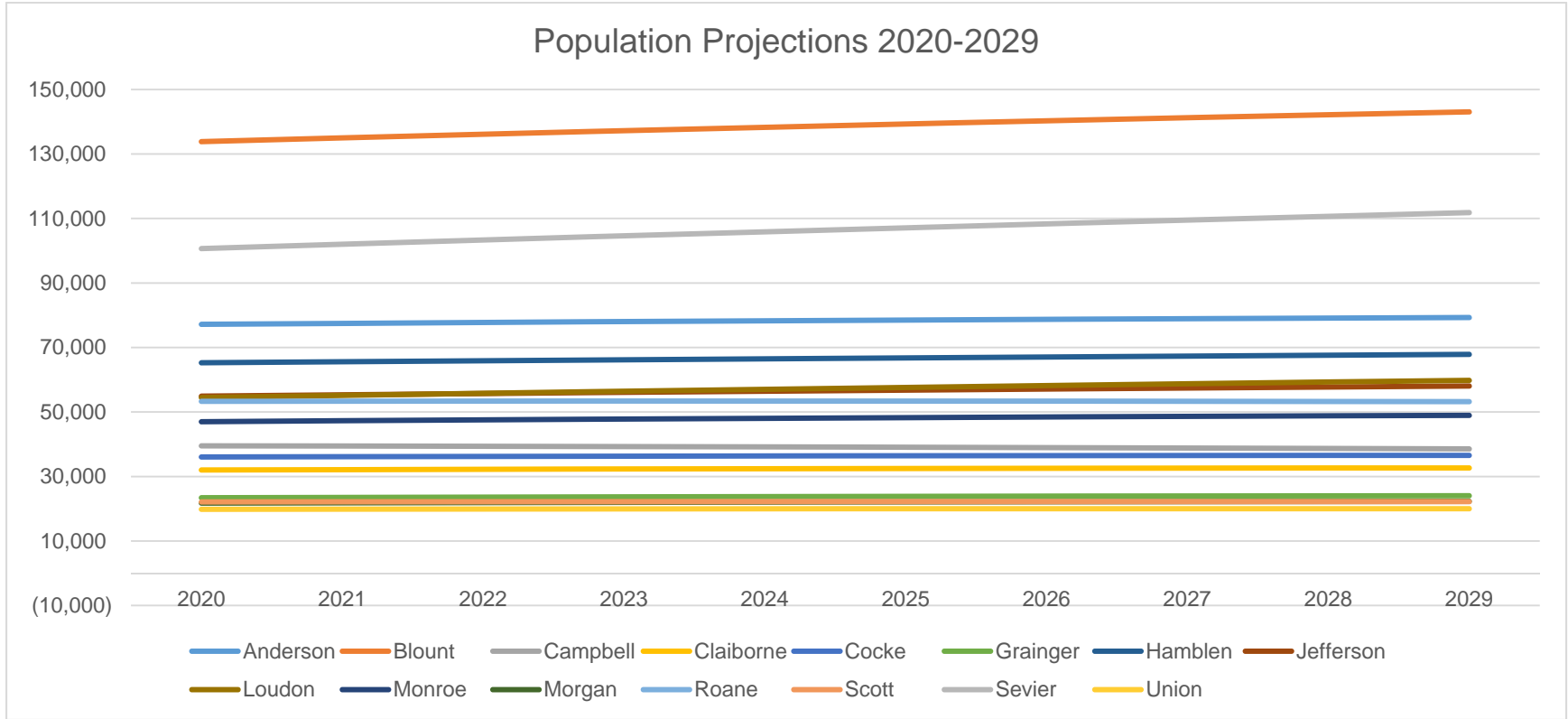
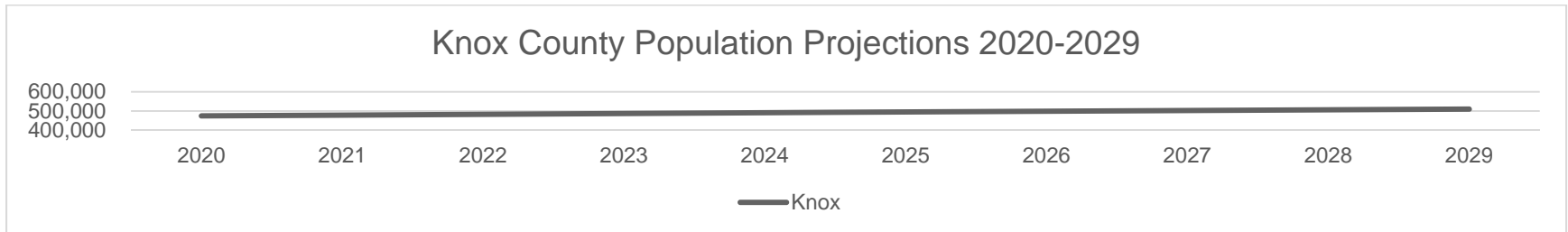
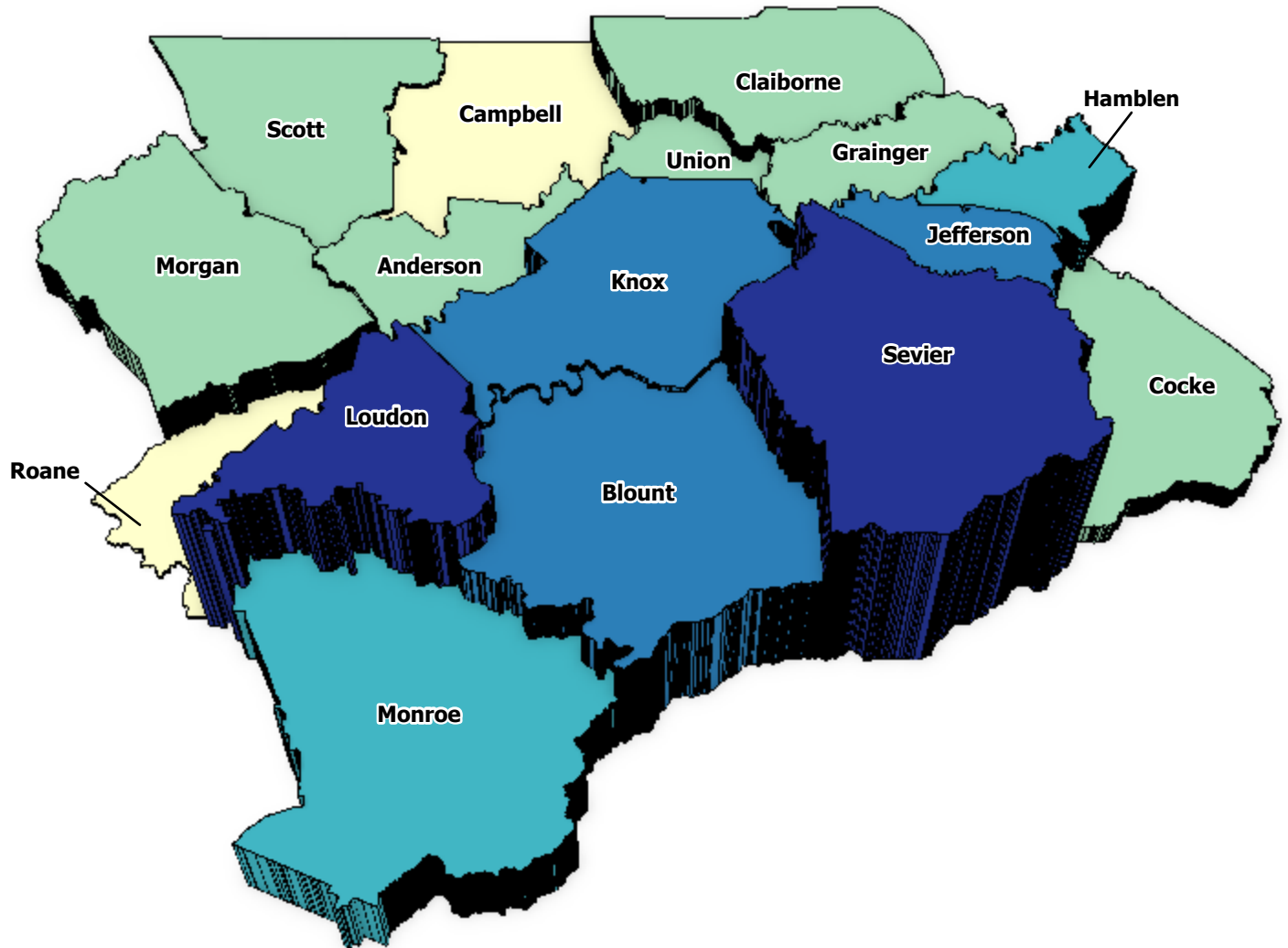


Chart 1-D<sup>2</sup>



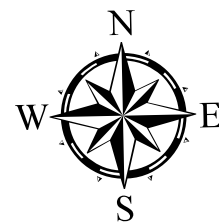
<sup>2</sup> Knox County population data is presented in a separate chart to allow for easier viewing of smaller county populations in Chart 1-C.

# Projected Population Growth From 2020-2029 By Region



Projected Growth Rate 2020-2029

- <0%
- 0-2.99%
- 3-5.7%
- 5.71-8.4%
- 8.41-11%



East Tennessee Development District  
November 2019  
Credit-TN State Data Center, TNGIS

