

Census 2020 Population

Demographic Characteristics of Knoxville and City Council Districts

Knoxville City Council Redistricting Workshop

September 16, 2021

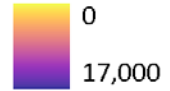


Knoxville Population, 2020

Council District	Total Population
1	32,569
2	33,013
3	31,300
4	32,578
5	30,992
6	30,288
All Districts	190,740

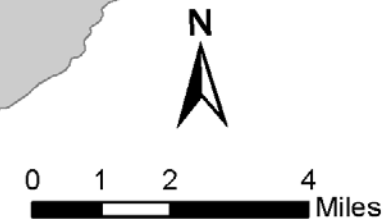
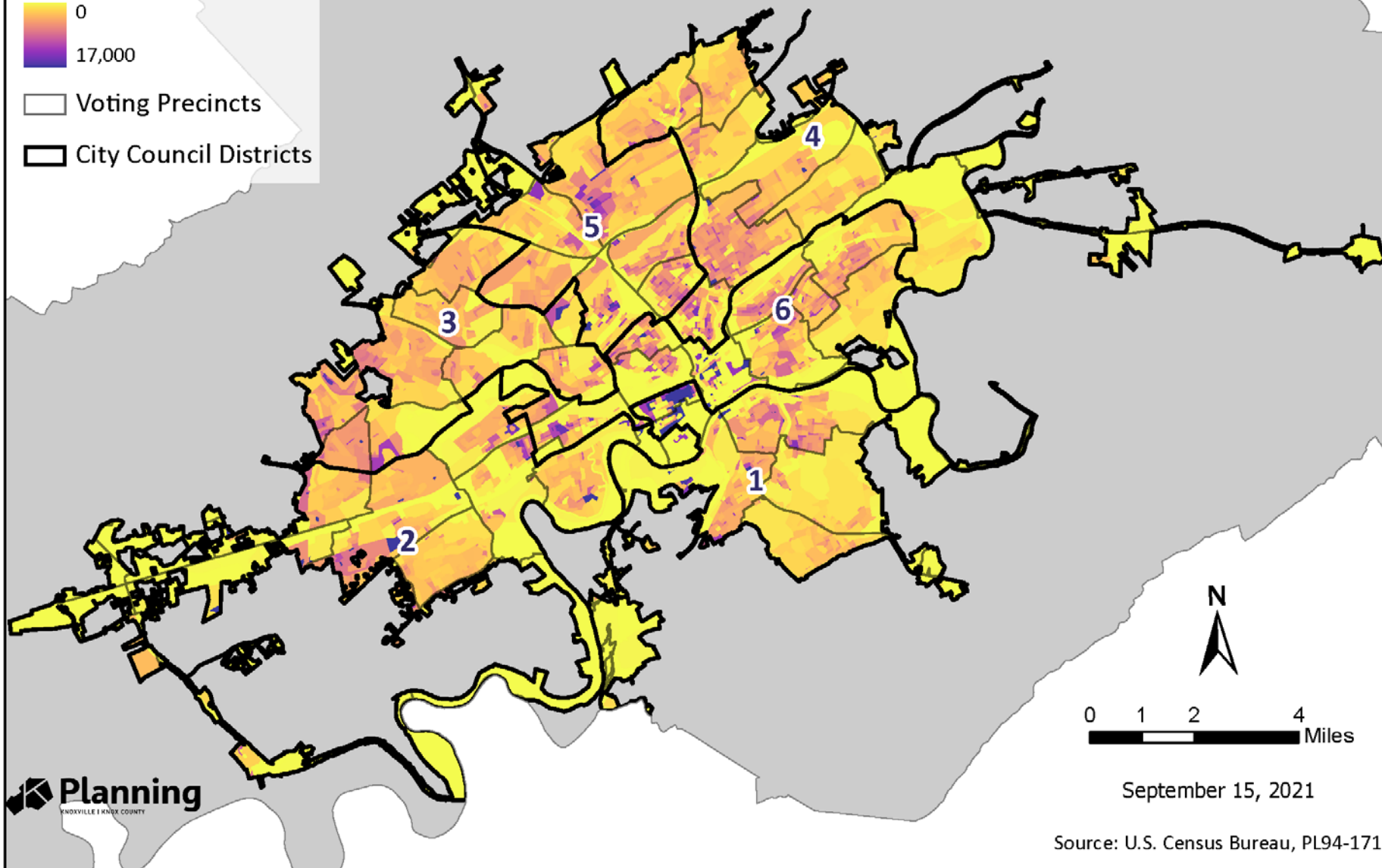
Population Density, 2020

Population Density
(People per Square Mile)



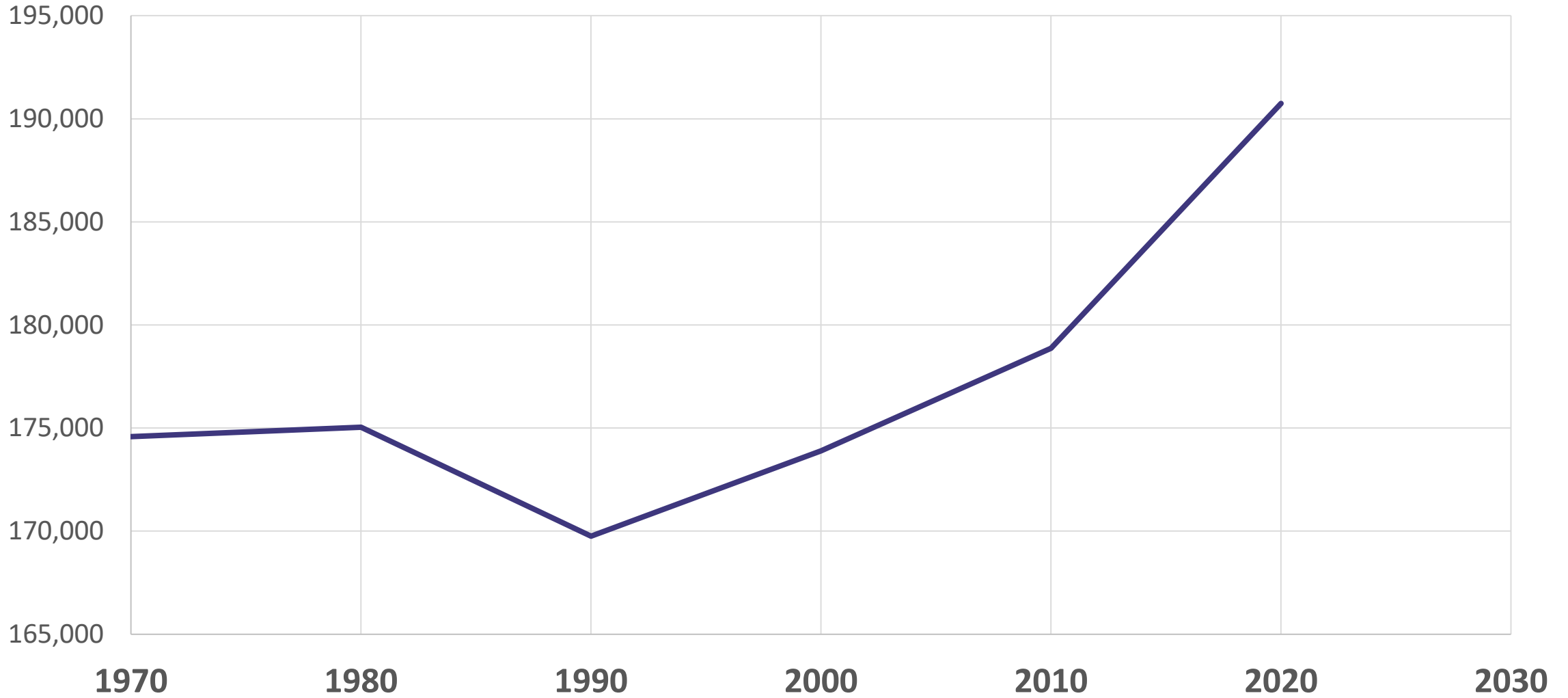
□ Voting Precincts

▭ City Council Districts



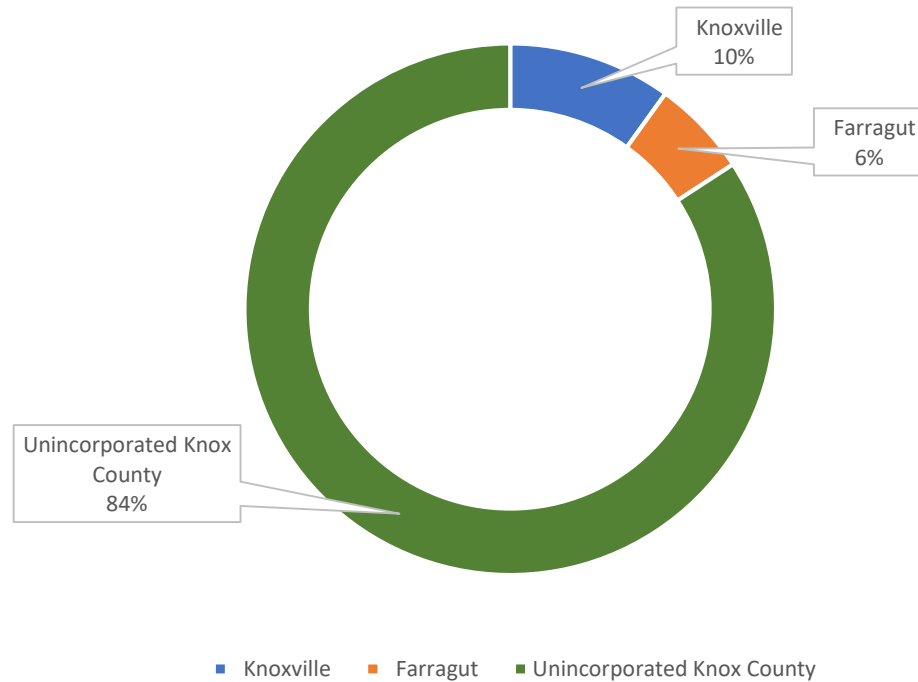
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Knoxville Population Change, 1970-2020

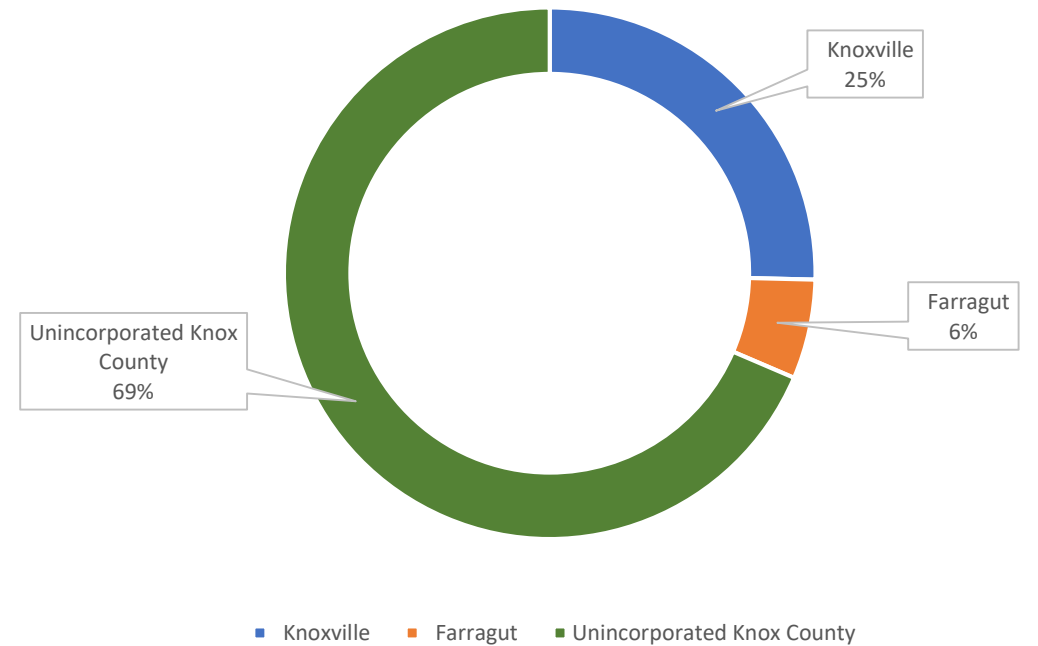


Knoxville Population Growth Shares, 2000-2020

Shares (%) of Knox County Growth, 2000-2010

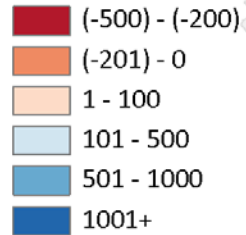


Shares (%) of Knox County Growth, 2010-2020



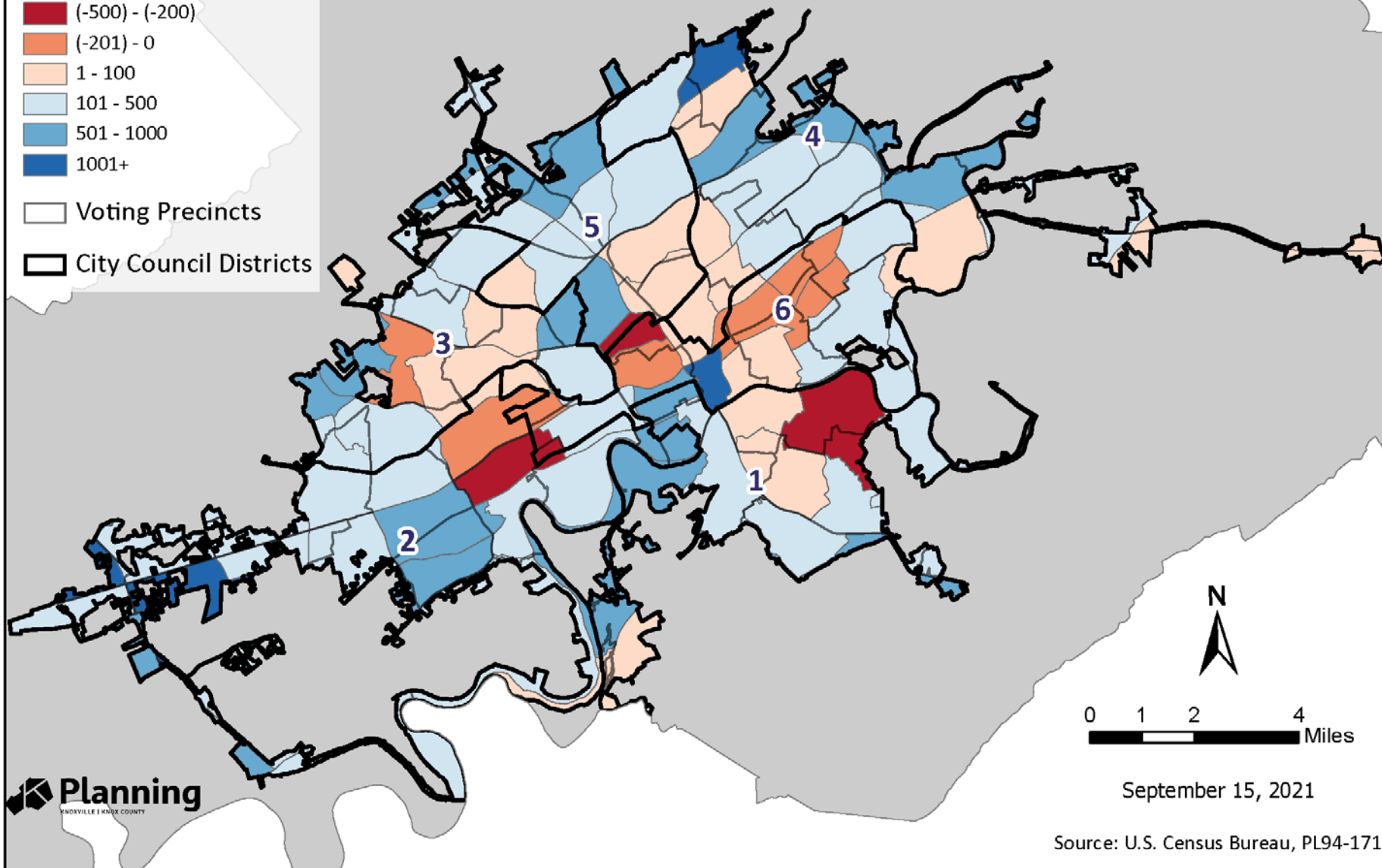
Population Change, 2010 - 2020

Population Change
2010-2020



Voting Precincts

City Council Districts



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Knoxville City Council District Population Change, 2010-2020

Council District	2010	2020	Growth 2010-2020	Rate (%) of Growth
1	31,277	32,569	1,292	4.1
2	28,895	33,013	4,118	14.3
3	29,626	31,300	1,674	5.7
4	30,588	32,578	1,990	6.5
5	28,843	30,992	2,149	7.5
6	29,645	30,288	643	2.2
All Districts	178,874	190,740	11,866	6.6

Knoxville Population by Race and Ethnicity, 2020

Characteristic	Population	Share (%) of Total
Total	190,740	
White	132,786	69.6
Black or African American	30,477	16.0
American Indian and Alaska Native	1,252	0.7
Asian	4,365	2.3
Native Hawaiian and Other Pacific Islander	114	0.1
Some other race	7,904	4.1
Two or more races	13,842	7.3
Hispanic or Latino, of any race	15,160	7.9

Race and Ethnicity

Population growing more diverse in Knoxville and across the state and nation

Racial-ethnic minority share of the population is increasing:

- Individuals who self-identify as two or more races
- Individuals who are Hispanic or Latino

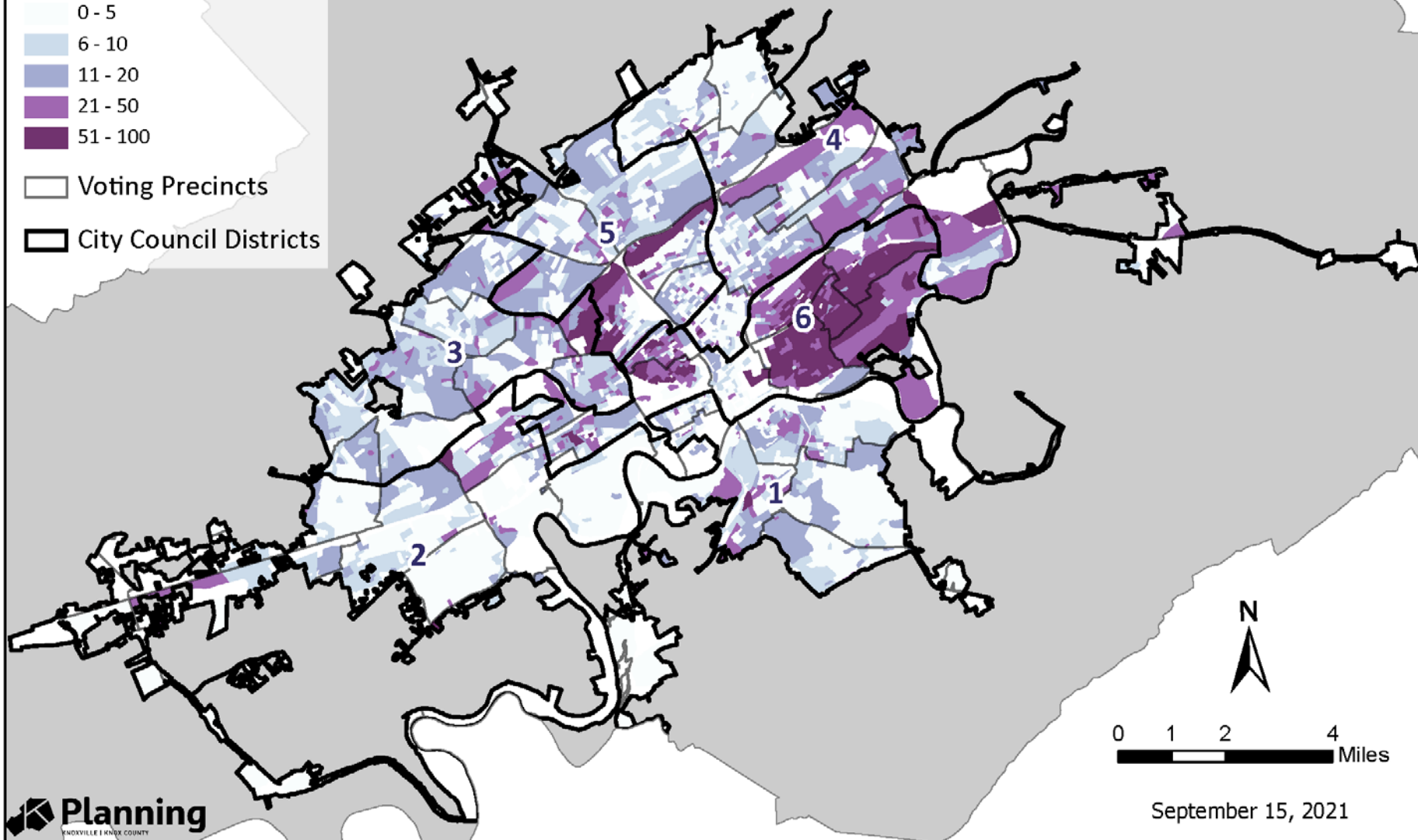
Black or African American Population, 2020

Percent Black/African American

- 0 - 5
- 6 - 10
- 11 - 20
- 21 - 50
- 51 - 100

□ Voting Precincts

□ City Council Districts



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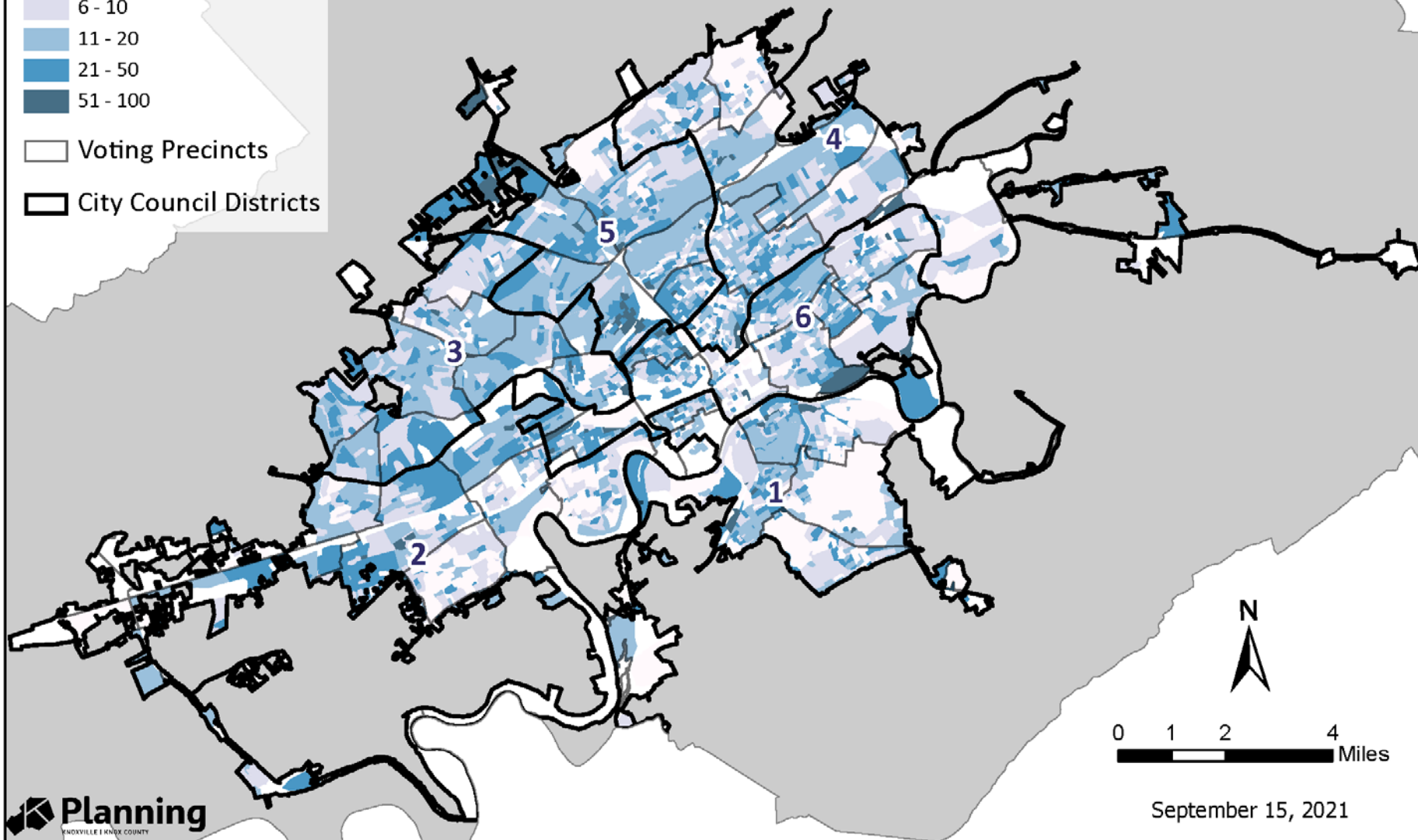
Asian, Native American, Pacific Islander, and Other Race Population, 2020

Percent All Other Races

- 0 - 5
- 6 - 10
- 11 - 20
- 21 - 50
- 51 - 100

□ Voting Precincts

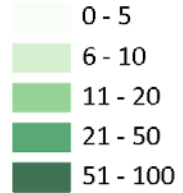
□ City Council Districts



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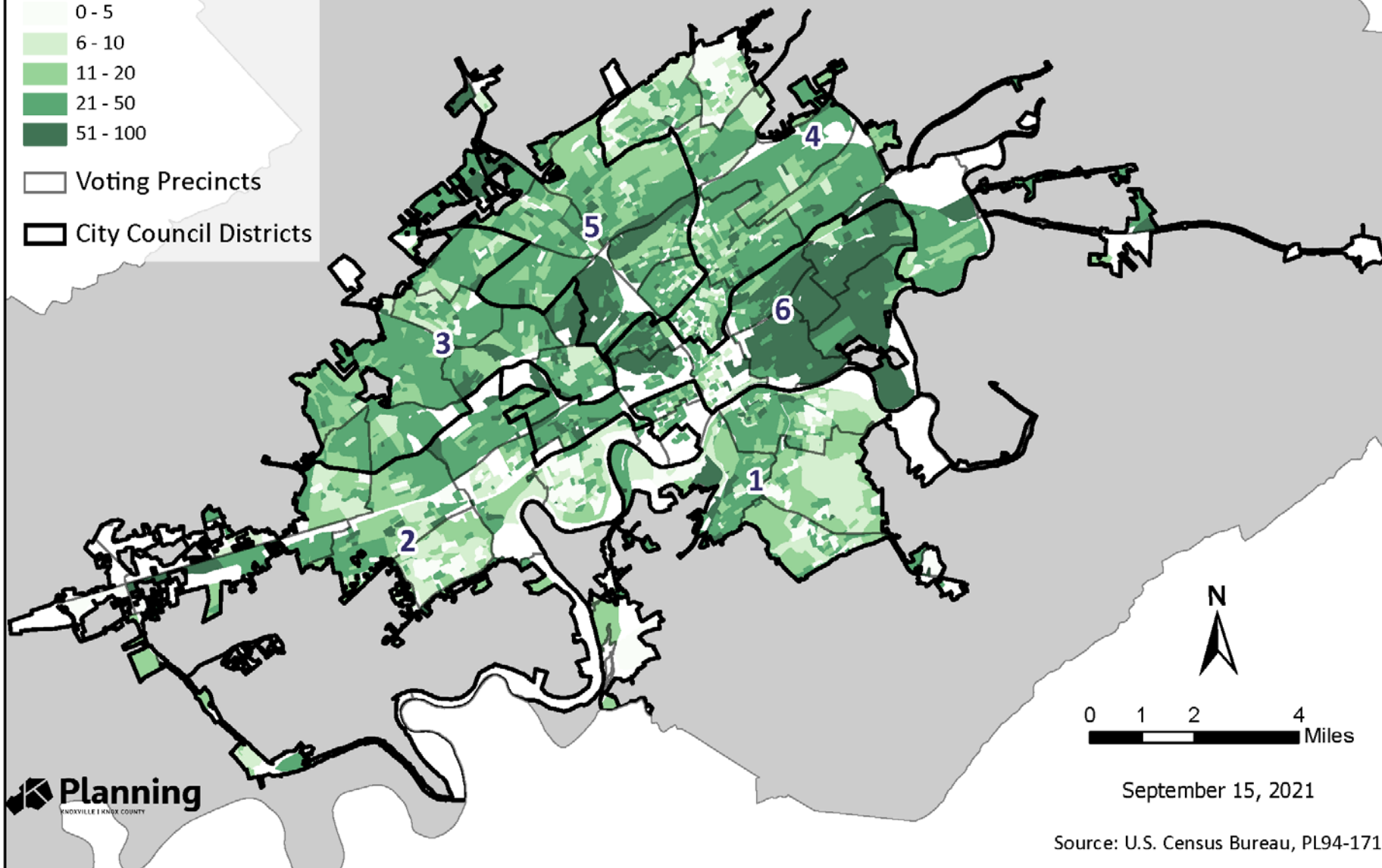
Racial Minority Population, 2020

Percent Racial Minority Population



□ Voting Precincts

▭ City Council Districts



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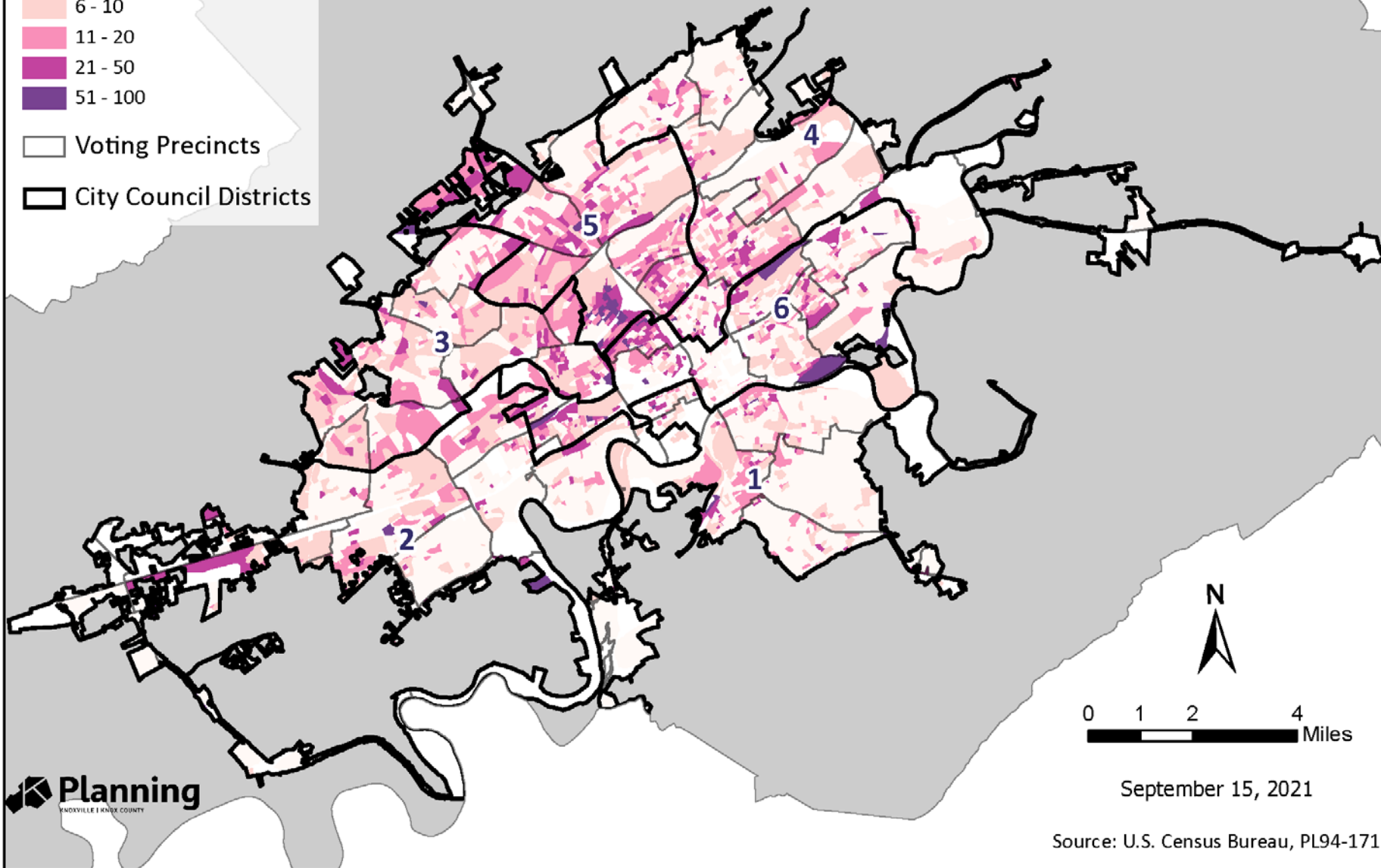
Hispanic or Latino Population, 2020

Percent Hispanic/Latino

- 0 - 5
- 6 - 10
- 11 - 20
- 21 - 50
- 51 - 100

□ Voting Precincts

□ City Council Districts



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Redistricting

Ideal Population is the goal for each district: one person, one vote

How to calculate:

Ideal population = Total city population / Number of council districts

Knoxville's ideal population

190,740 persons / 6 districts

Ideal population = 31,790 persons per district

Redistricting

Absolute Deviation is how far off a district is from the **Ideal Population**

How to calculate:

Absolute deviation = Actual population – Ideal population

Example: Knoxville City Council District 1

32,569 persons – 31,790 persons

Absolute deviation = 779 persons

Redistricting

Relative Deviation is the **Absolute Deviation** divided by the **Ideal Population**, expressed as a percentage

How to calculate:

Relative deviation = Absolute deviation / Ideal population X 100

Example: Knoxville City Council District 1

779 persons / 31,790 persons X 100

Relative deviation = 2.5%

Redistricting

The range from the smallest (negative) to the largest (positive) **Relative Deviation** is called the **Overall Deviation**

How to calculate:

Overall deviation =

| Smallest relative deviation | + Largest relative deviation

Summary Metrics for Knoxville City Council Districts

Council District	Total Population	Absolute Deviation from Ideal Population	Relative Deviation from Ideal Population
1	32,569	779	2.5%
2	33,013	1,223	3.8%
3	31,300	-490	-1.5%
4	32,578	788	2.5%
5	30,992	-798	-2.5%
6	30,288	-1,502	-4.7%
All Districts	190,740		

Ideal population: 31,790

Overall deviation: 8.6%

Detailed Demographics for Knoxville City Council Districts

CURRENT CONDITIONS:

KNOXVILLE CITY COUNCIL DISTRICT POPULATION, WITH DEVIATION FROM IDEAL POPULATION, 2020

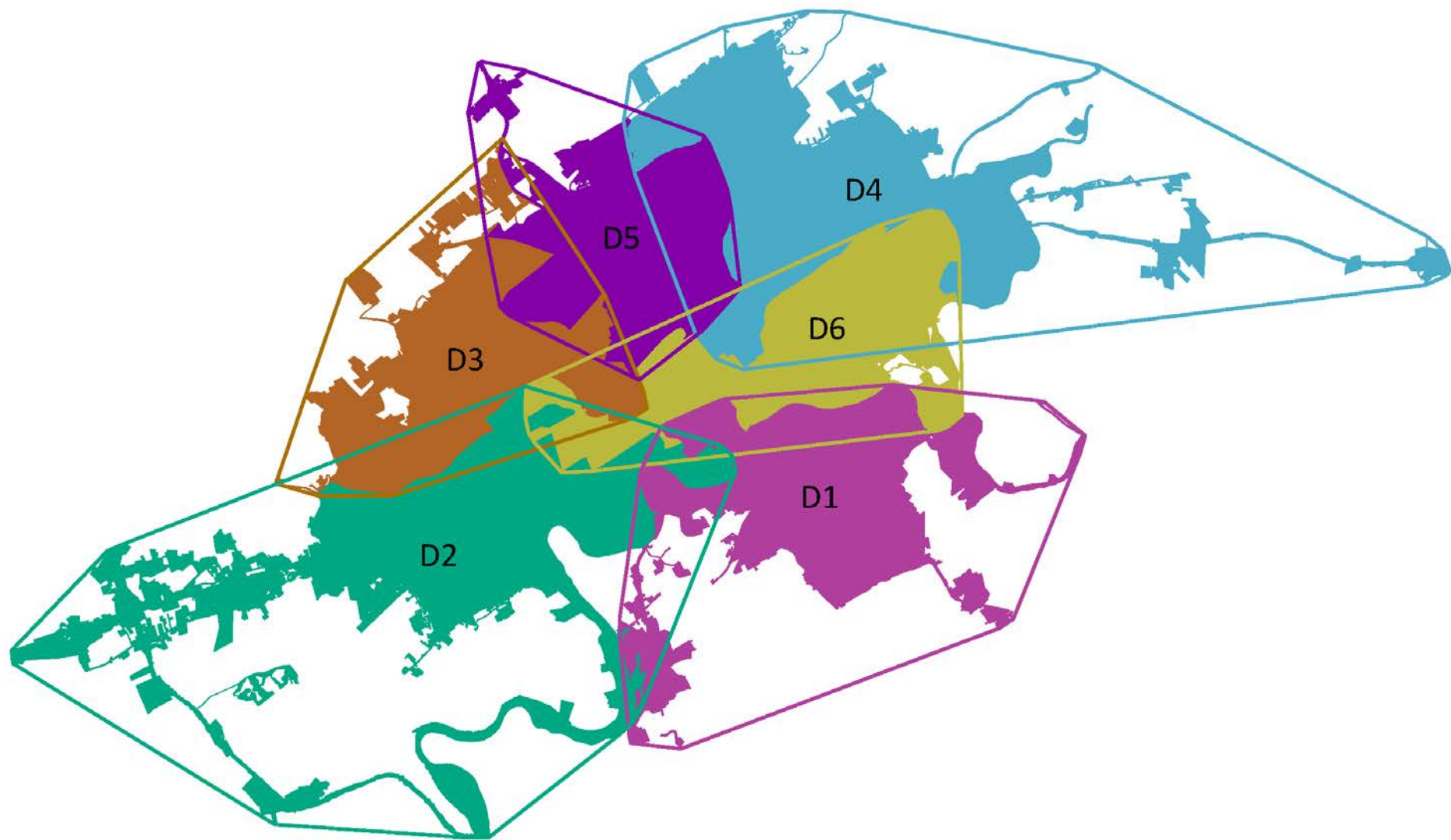
Including Demographic Characteristics

Council District	Total Population	White	White Share	Black or African American	Black or African American Share	All Other Races	All Other Races Share	Total Minority	Total Minority Share	Hispanic or Latino	Hispanic or Latino Share
1	32,569	25,568	78.5%	2,966	9.1%	4,035	12.4%	7,001	21.5%	1,748	5.4%
2	33,013	26,379	79.9%	1,899	5.8%	4,735	14.3%	6,634	20.1%	1,821	5.5%
3	31,300	22,849	73.0%	3,747	12.0%	4,704	15.0%	8,451	27.0%	2,839	9.1%
4	32,578	24,902	76.4%	3,707	11.4%	3,969	12.2%	7,676	23.6%	2,152	6.6%
5	30,992	20,148	65.0%	4,960	16.0%	5,884	19.0%	10,844	35.0%	4,257	13.7%
6	30,288	12,940	42.7%	13,198	43.6%	4,150	13.7%	17,348	57.3%	2,343	7.7%
All	190,740	132,786	69.6%	30,477	16.0%	27,477	14.4%	57,954	30.4%	15,160	7.9%

District Compactness and Contiguity Metrics

A city council district must be reasonably compact and one homogeneous piece of land, not split

Council District	Compactness
1	40.1%
2	35.6%
3	56.5%
4	32.9%
5	63.6%
6	60.4%



Planning's Role and Resources

Technical expertise

Alternative solution processing and reporting

Scorekeeping – track process requirements, statistical validity of solutions, demographic outcomes of solutions

Maps

Tables of population data

Software model

Census 2020 Population

Demographic Characteristics of Knoxville and City Council Districts

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