



Denver City Council Redistricting Project

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Technology Services
Data, Tools & Governance

Reprecincting / Redistricting

What

- Redrawing of election precincts using registered voter counts, population and census block boundaries
- Adjustment of City Council Districts using census counts and new precinct boundaries

Why?

- Required every 10 years after Census Enabling Legislation - written in City Charter
- To accommodate changes in population

Teams and Roles

Technology Services

- Census data processing, GIS analysis, and mapping
- Software setup, training, and support

State

- State redistricting and reapportionment

Elections Division

- Reprecincting

City Council Redistricting Committee

- Public outreach
- Use web-based redistricting application to create proposed districts
- Vote on final map

Public

- Use web-based redistricting application to create proposed districts
- Attend meetings, review and provide input to proposed boundaries

Census Geography and Differential Privacy

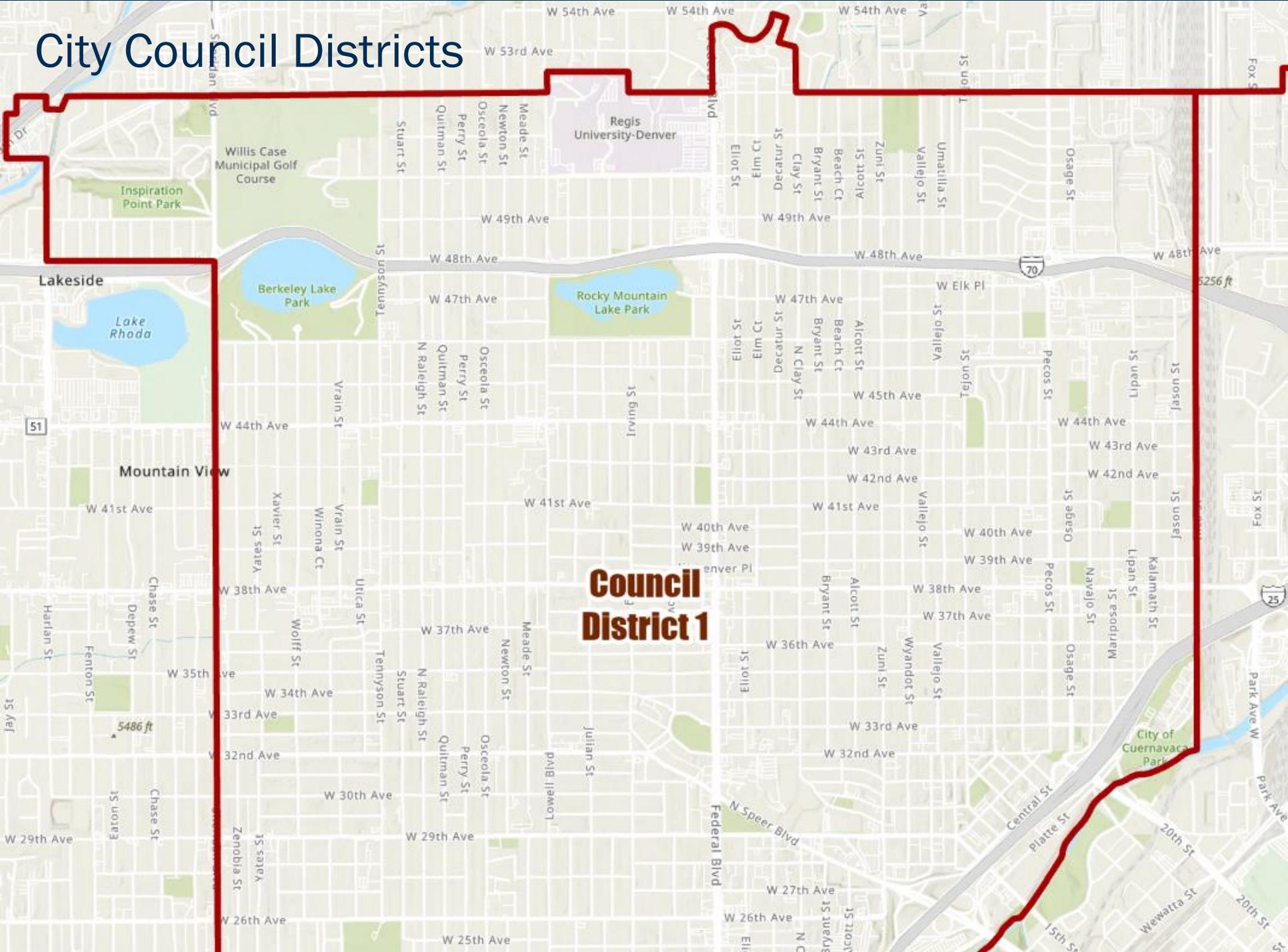
Census blocks are the smallest Census geography

- Most are the same size as a City block
- Election Precincts are based on Census Blocks
- Population, Race, and ethnicity counts provided **BUT...**

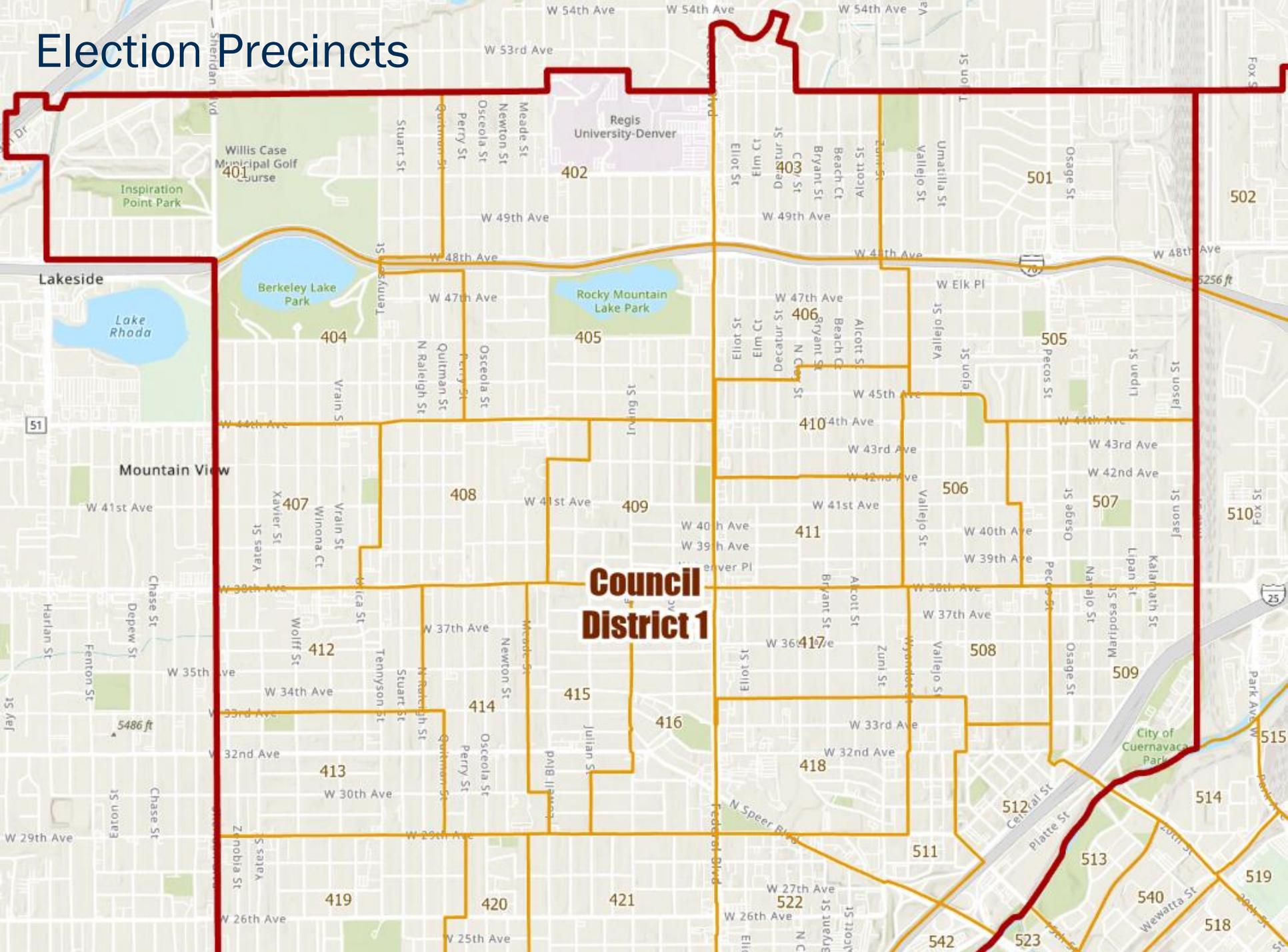
Differential Privacy

- The Census has modified the demographic data to protect privacy
- Data is only accurate enough to perform analysis at the block group or larger geographies (Tract, Statistical Neighborhood, etc.)
- This provides changes for analysis at a granular level

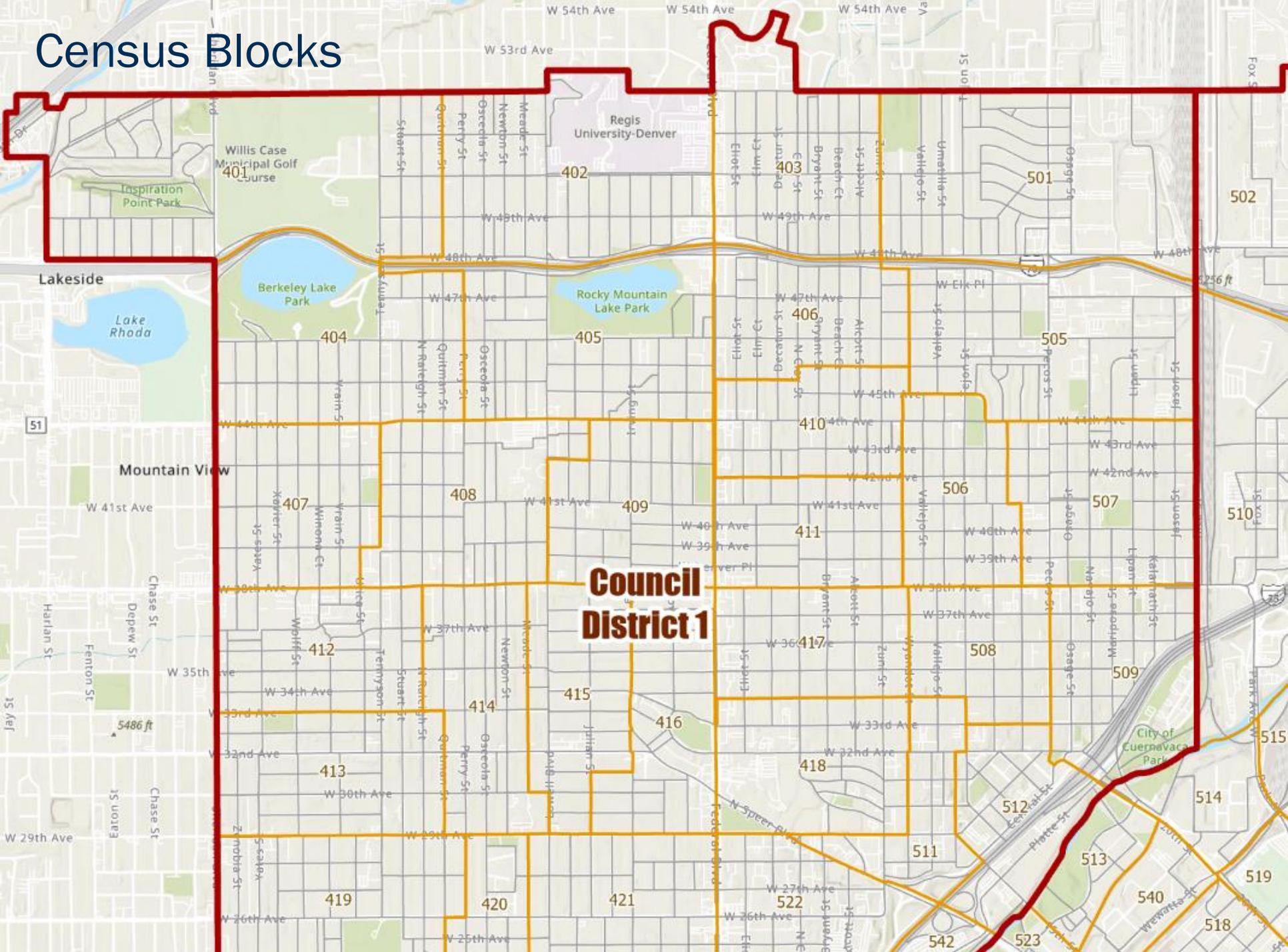
City Council Districts



Election Precincts



Census Blocks





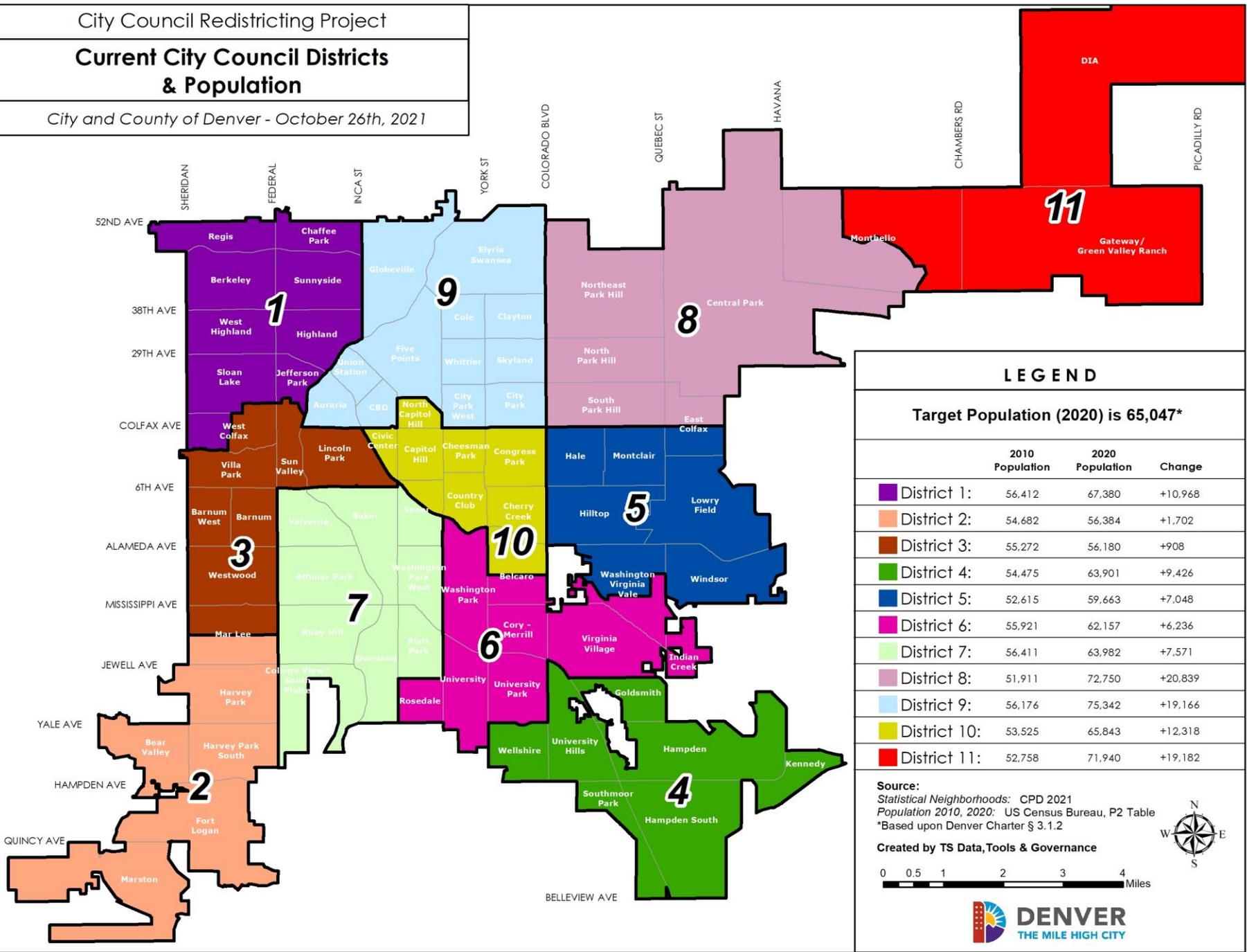
City Council Population and Demographic Maps

Kathie Zehren – Senior GIS Analyst

City Council Redistricting Project

Current City Council Districts & Population

City and County of Denver - October 26th, 2021



LEGEND

Target Population (2020) is 65,047*

	2010 Population	2020 Population	Change
District 1:	56,412	67,380	+10,968
District 2:	54,682	56,384	+1,702
District 3:	55,272	56,180	+908
District 4:	54,475	63,901	+9,426
District 5:	52,615	59,663	+7,048
District 6:	55,921	62,157	+6,236
District 7:	56,411	63,982	+7,571
District 8:	51,911	72,750	+20,839
District 9:	56,176	75,342	+19,166
District 10:	53,525	65,843	+12,318
District 11:	52,758	71,940	+19,182

Source:
 Statistical Neighborhoods: CPD 2021
 Population 2010, 2020: US Census Bureau, P2 Table
 *Based upon Denver Charter § 3.1.2

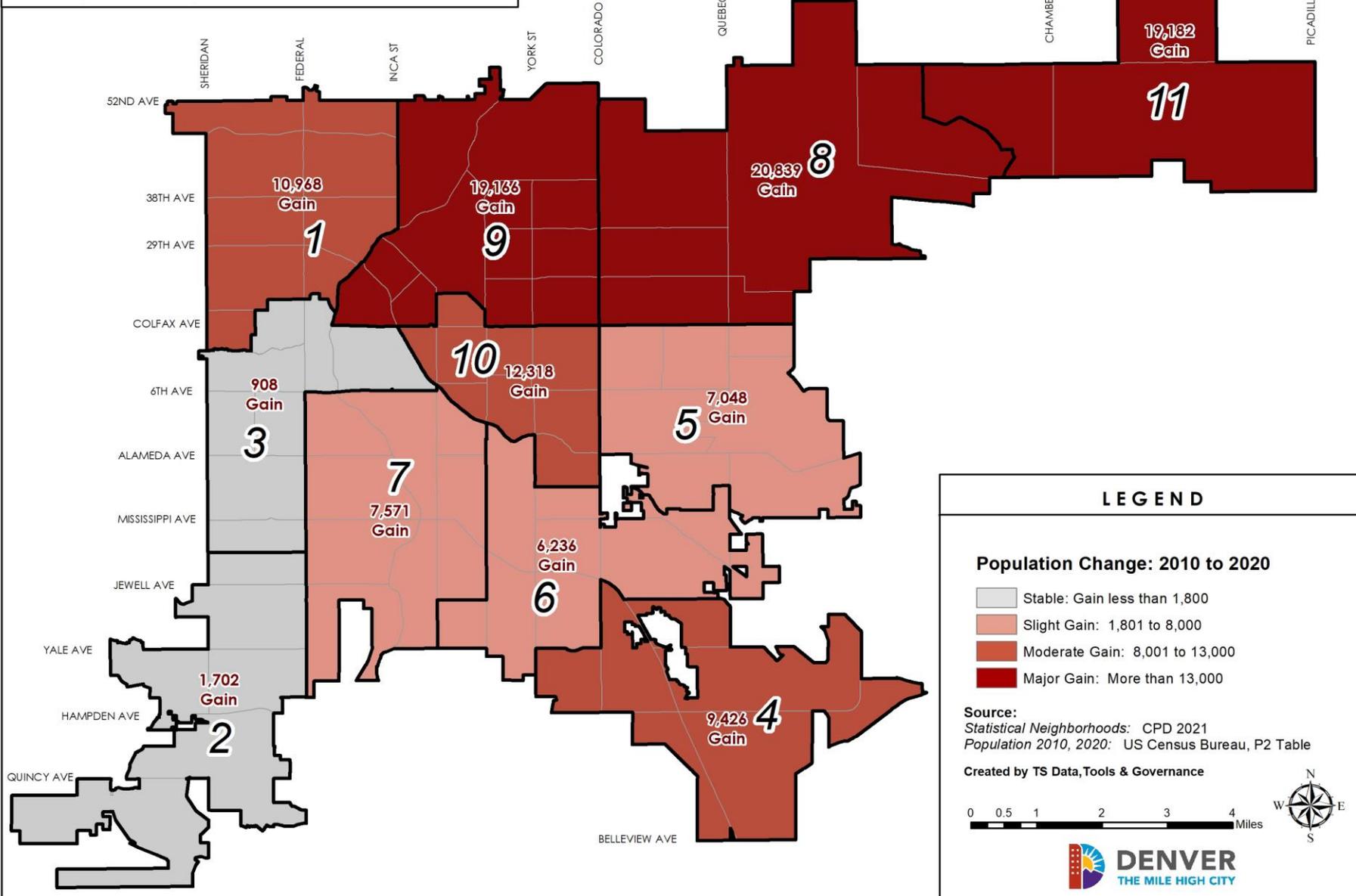
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City Council Redistricting Project

**Current City Council Districts:
2010 to 2020 District Population Change**

City and County of Denver - October 26th, 2021



LEGEND

Population Change: 2010 to 2020

- Stable: Gain less than 1,800
- Slight Gain: 1,801 to 8,000
- Moderate Gain: 8,001 to 13,000
- Major Gain: More than 13,000

Source:
Statistical Neighborhoods: CPD 2021
Population 2010, 2020: US Census Bureau, P2 Table

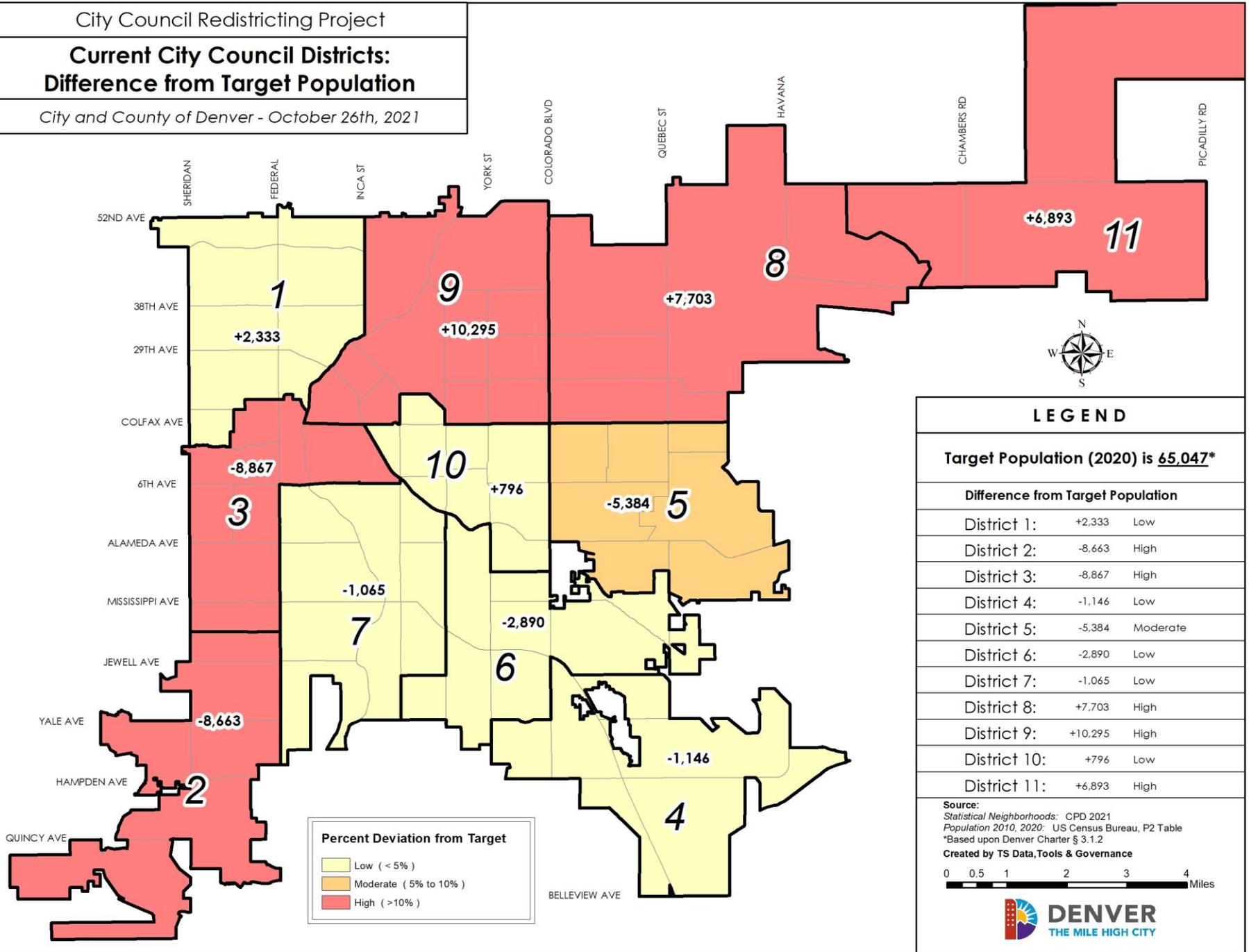
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City Council Redistricting Project

**Current City Council Districts:
Difference from Target Population**

City and County of Denver - October 26th, 2021



LEGEND

Target Population (2020) is 65,047*

Difference from Target Population

District 1:	+2,333	Low
District 2:	-8,663	High
District 3:	-8,867	High
District 4:	-1,146	Low
District 5:	-5,384	Moderate
District 6:	-2,890	Low
District 7:	-1,065	Low
District 8:	+7,703	High
District 9:	+10,295	High
District 10:	+796	Low
District 11:	+6,893	High

Source:
 Statistical Neighborhoods: CPD 2021
 Population 2010, 2020: US Census Bureau, P2 Table
 *Based upon Denver Charter § 3.1.2
 Created by TS Data, Tools & Governance



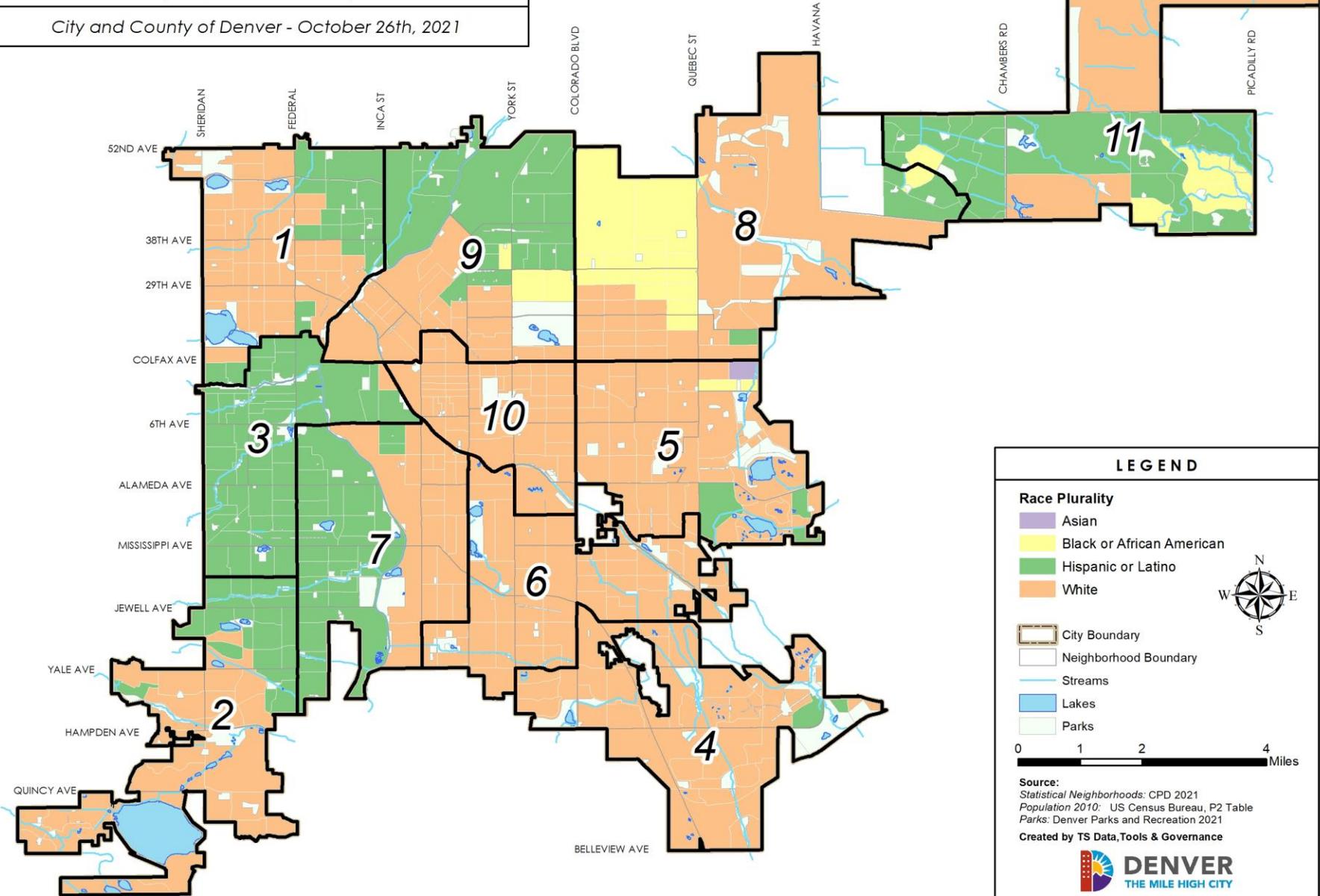
Percent Deviation from Target

- Low (< 5%)
- Moderate (5% to 10%)
- High (> 10%)

City Council Redistricting Project

Racial Group Plurality (2010)
by Census Block Group

City and County of Denver - October 26th, 2021



LEGEND

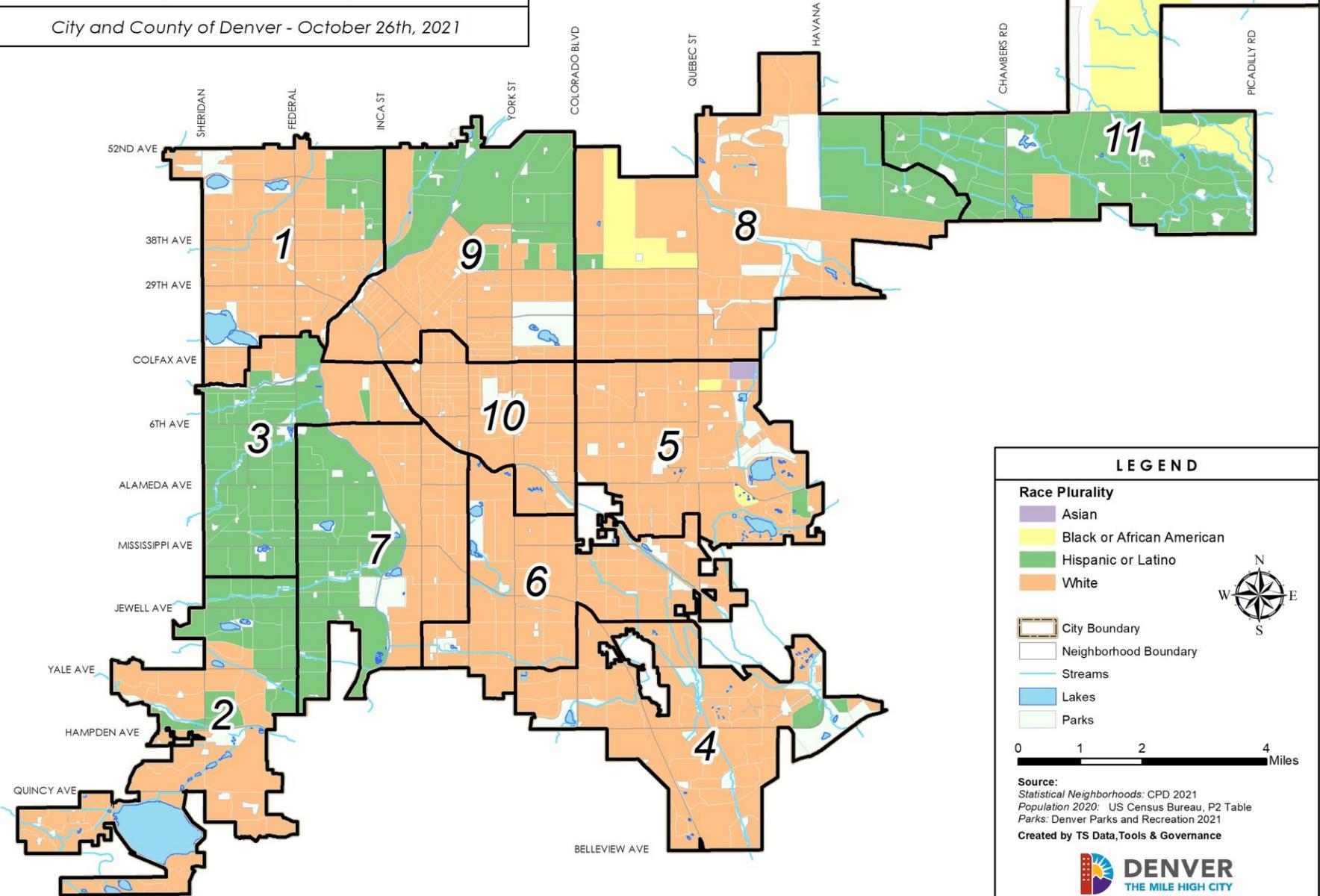
- Race Plurality**
- Asian
 - Black or African American
 - Hispanic or Latino
 - White
- City Boundary
- Neighborhood Boundary
- Streams
- Lakes
- Parks
- 0 1 2 4 Miles

Source:
Statistical Neighborhoods: CPD 2021
Population 2010: US Census Bureau, P2 Table
Parks: Denver Parks and Recreation 2021

City Council Redistricting Project

Racial Group Plurality (2020)
by Census Block Group

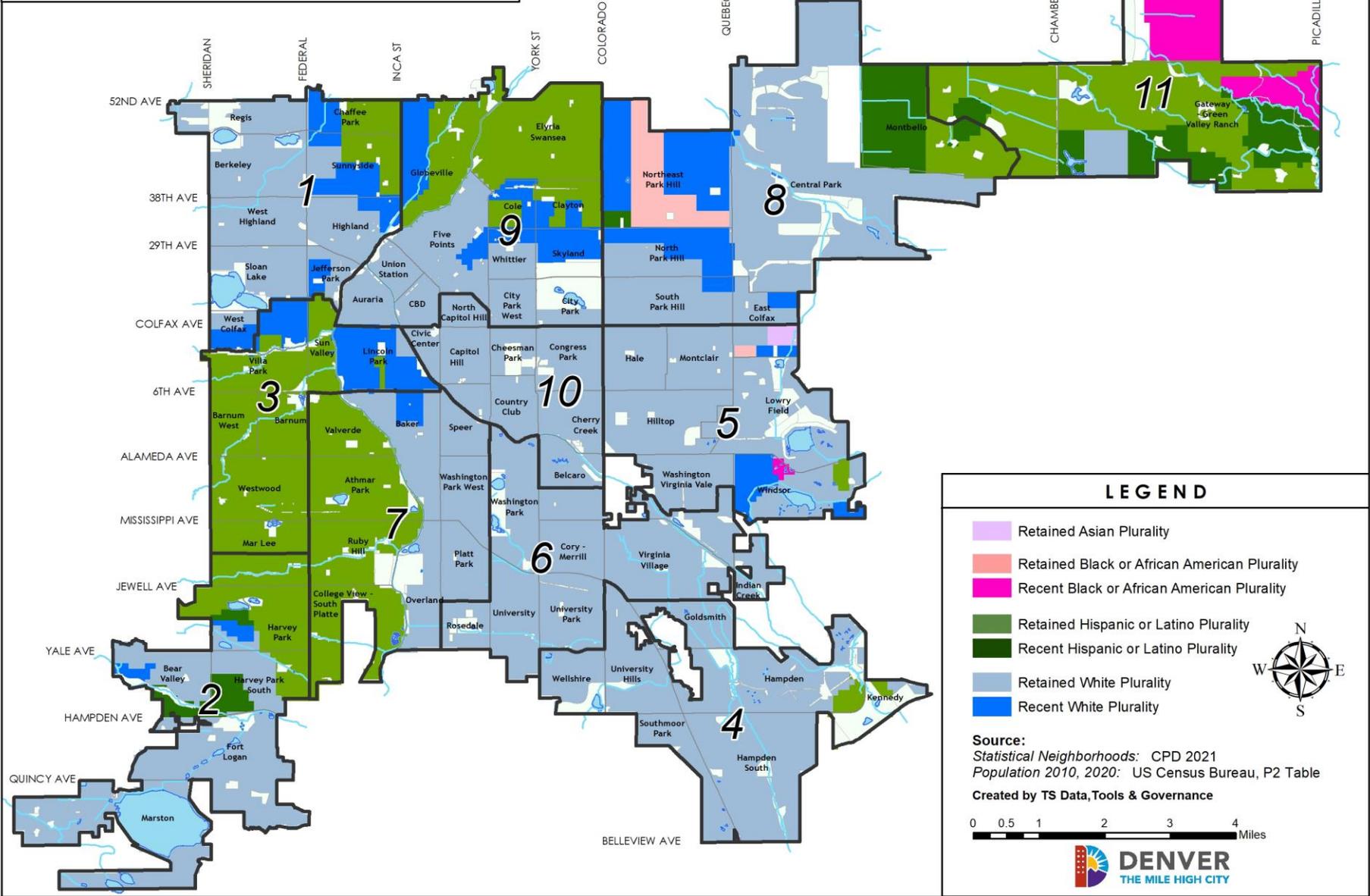
City and County of Denver - October 26th, 2021

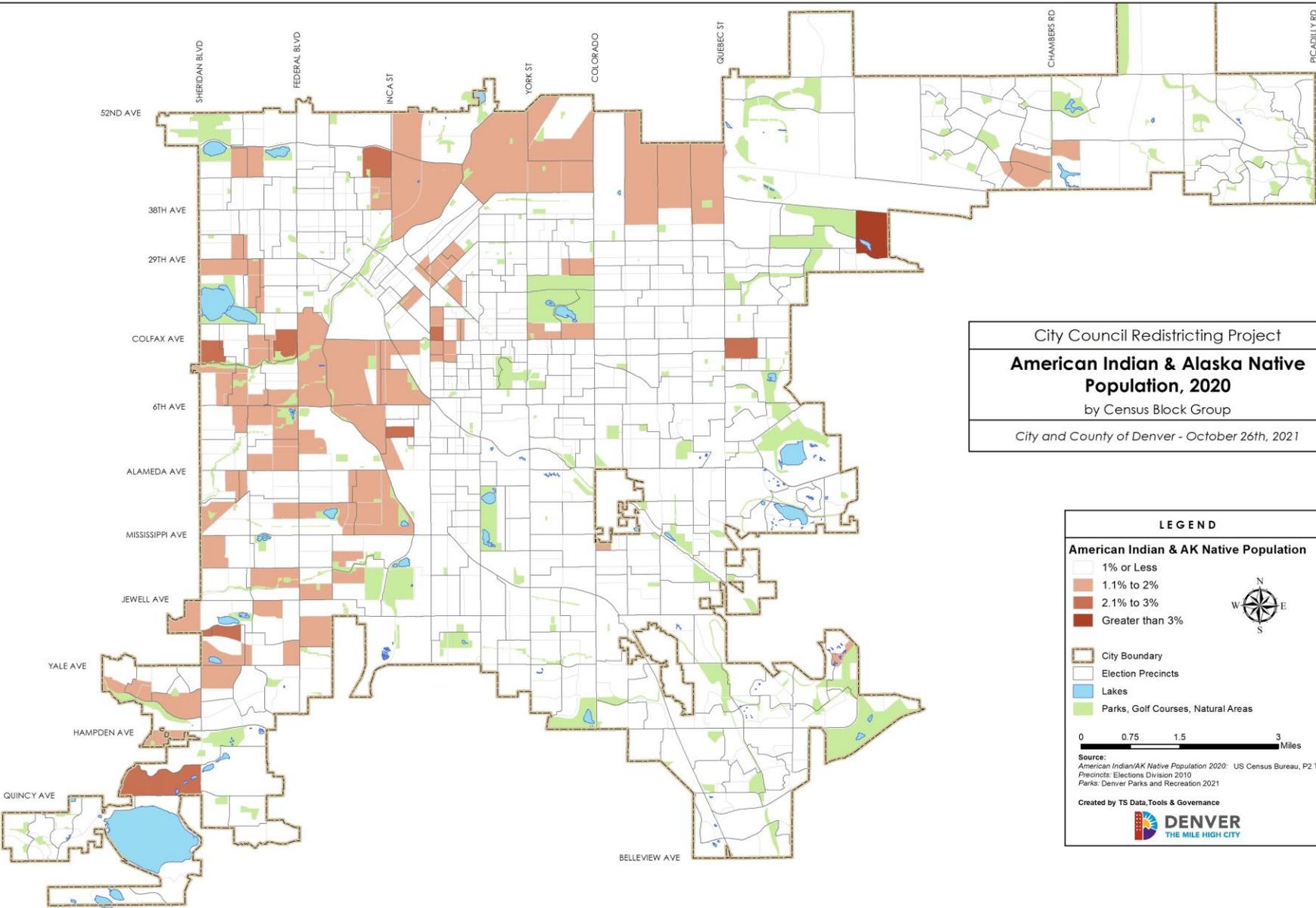


City Council Redistricting Project

Demographic Trends (2010-2020)
by Census Block Group

City and County of Denver - October 26th, 2021





City Council Redistricting Project

**American Indian & Alaska Native
Population, 2020**
by Census Block Group

City and County of Denver - October 26th, 2021

LEGEND

American Indian & AK Native Population

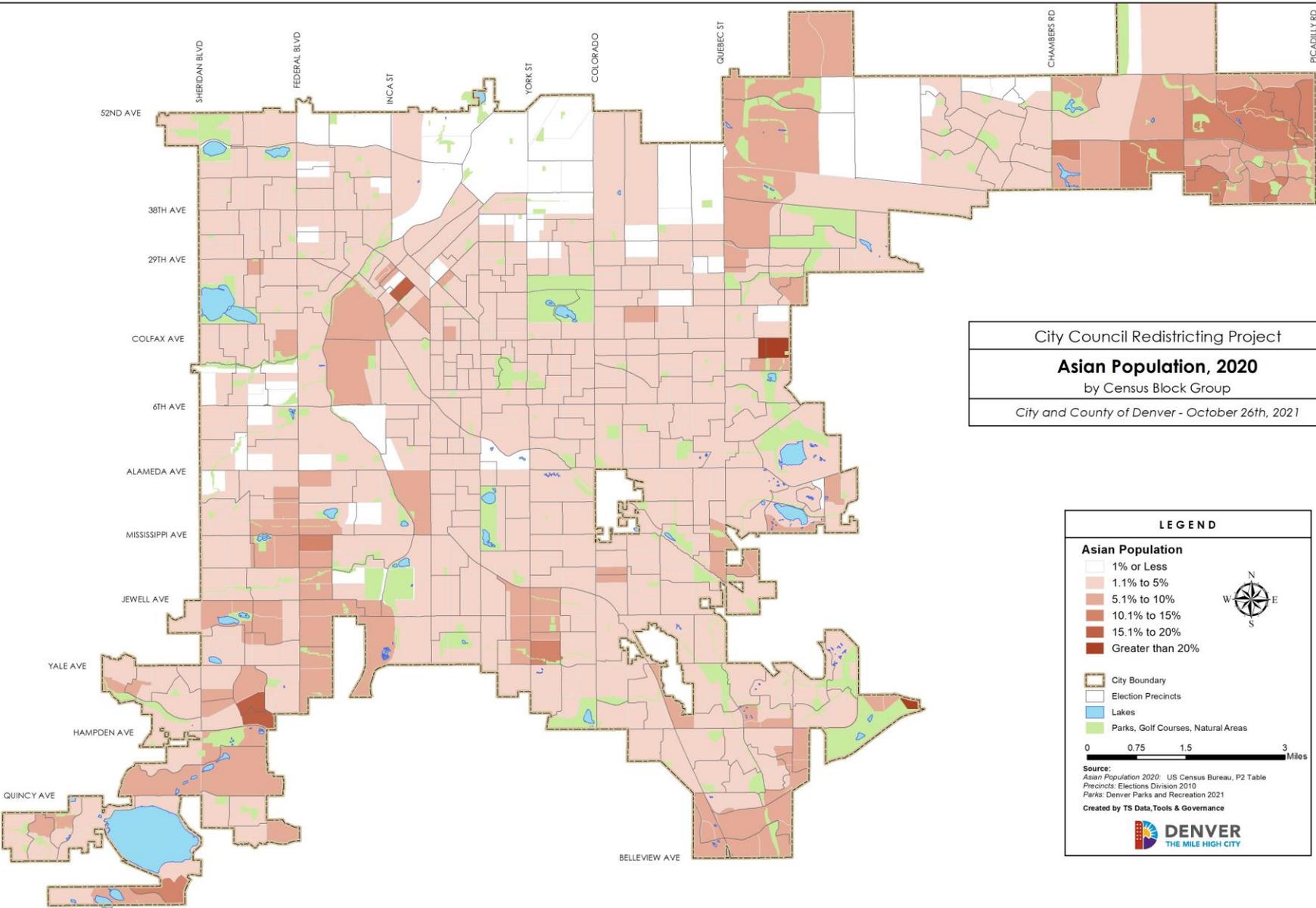
- 1% or Less
- 1.1% to 2%
- 2.1% to 3%
- Greater than 3%

City Boundary
Election Precincts
Lakes
Parks, Golf Courses, Natural Areas

0 0.75 1.5 3 Miles

Source:
American Indian/AK Native Population 2020: US Census Bureau, P2 Table
Precincts: Elections Division 2010
Parks: Denver Parks and Recreation 2021

Created by TS Data, Tools & Governance



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Asian Population, 2020
by Census Block Group

City and County of Denver - October 26th, 2021

LEGEND

Asian Population

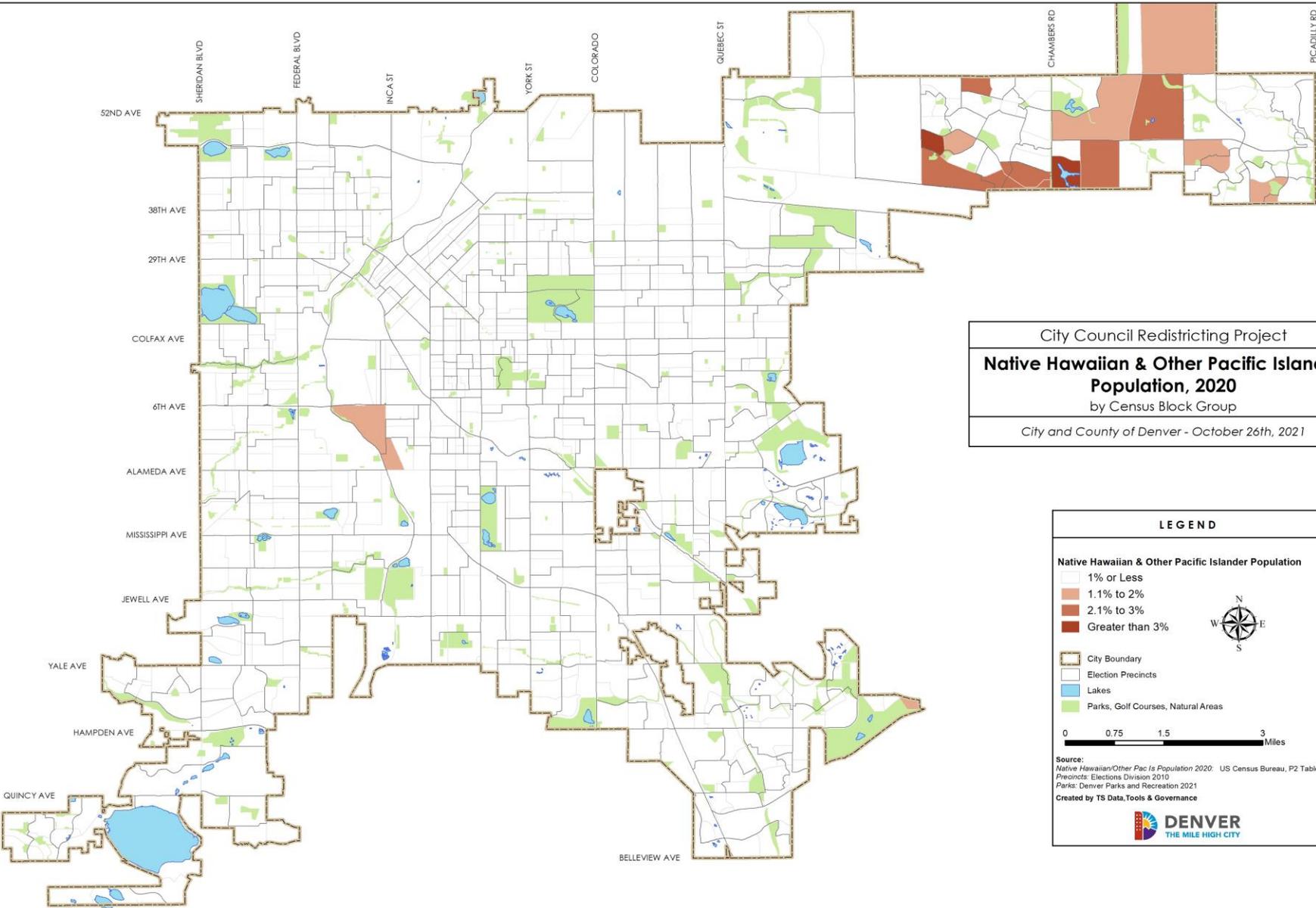
- 1% or Less
- 1.1% to 5%
- 5.1% to 10%
- 10.1% to 15%
- 15.1% to 20%
- Greater than 20%

City Boundary
Election Precincts
Lakes
Parks, Golf Courses, Natural Areas

0 0.75 1.5 3 Miles

Source:
Asian Population 2020: US Census Bureau, P2 Table
Precincts: Elections Division 2010
Parks: Denver Parks and Recreation 2021
Created by TS Data, Tools & Governance

DENVER
THE MILE HIGH CITY



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**Native Hawaiian & Other Pacific Islander
Population, 2020**
by Census Block Group

City and County of Denver - October 26th, 2021

LEGEND

Native Hawaiian & Other Pacific Islander Population

- 1% or Less
- 1.1% to 2%
- 2.1% to 3%
- Greater than 3%

 City Boundary
 Election Precincts
 Lakes
 Parks, Golf Courses, Natural Areas

0 0.75 1.5 3 Miles

Source:
 Native Hawaiian/Other Pac Is Population 2020: US Census Bureau, P2 Table
 Precincts: Elections Division 2010
 Parks: Denver Parks and Recreation 2021
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 **DENVER**
THE MILE HIGH CITY

Voting Age Demographics 2010



District	Total 18+ (2010)	Hispanic or Latino	White	Black or African American	Asian	American Indian & Alaska Native	Native Hawaiian & Other Pacific Islander	Other	Two or More
1	45,823	16,017 35.0%	27,360 59.7%	704 1.5%	745 1.6%	357 0.8%	30 0.1%	77 0.2%	533 1.2%
2	41,506	14,644 35.3%	23,680 57.1%	561 1.4%	1,830 4.4%	272 0.7%	29 0.1%	59 0.1%	431 1.0%
3	37,568	24,893 66.3%	9,507 25.3%	1,141 3.0%	1,156 3.1%	406 1.1%	15 0.0%	88 0.2%	362 1.0%
4	45,066	5,436 12.1%	32,422 71.9%	3,884 8.6%	2,151 4.8%	171 0.4%	29 0.1%	86 0.2%	887 2.0%
5	42,117	4,802 11.4%	29,176 69.3%	5,119 12.2%	1,981 4.7%	165 0.4%	34 0.1%	73 0.2%	767 1.8%
6	47,105	4,191 8.9%	37,395 79.4%	2,373 5.0%	2,055 4.4%	180 0.4%	25 0.1%	86 0.2%	800 1.7%
7	44,258	16,443 37.2%	24,436 55.2%	875 2.0%	1,545 3.5%	336 0.8%	42 0.1%	78 0.2%	503 1.1%
8	38,427	7,925 20.6%	18,625 48.5%	9,930 25.8%	864 2.2%	203 0.5%	15 0.0%	73 0.2%	792 2.1%
9	46,000	12,602 27.4%	23,800 51.7%	7,194 15.6%	972 2.1%	313 0.7%	35 0.1%	94 0.2%	990 2.2%
10	49,457	4,139 8.4%	40,847 82.6%	2,042 4.1%	1,125 2.3%	271 0.5%	27 0.1%	79 0.2%	927 1.9%
11	34,065	14,019 41.2%	7,626 22.4%	9,886 29.0%	1,517 4.5%	127 0.4%	87 0.3%	46 0.1%	757 2.2%
	471,392	125,111	274,874	43,709	15,941	2,801	368	839	7,749

Source: 2010 US Census Bureau, P4 Table

Prepared by: TS Data, Tools and Governance

Voting Age Demographics 2020



District	Total 18+ (2020)	Hispanic or Latino	White	Black or African American	Asian	American Indian & Alaska Native	Native Hawaiian & Other Pacific Islander	Other	Two or More
1	57,546	12,467 21.7%	39,973 69.5%	1,111 1.9%	1,378 2.4%	300 0.5%	30 0.1%	251 0.4%	2,036 3.5%
2	44,700	16,134 36.1%	23,712 53.0%	801 1.8%	2,221 5.0%	333 0.7%	45 0.1%	189 0.4%	1,265 2.8%
3	41,903	24,069 57.4%	13,070 31.2%	1,742 4.2%	1,324 3.2%	411 1.0%	42 0.1%	193 0.5%	1,052 2.5%
4	53,145	7,593 14.3%	35,425 66.7%	4,739 8.9%	2,600 4.9%	201 0.4%	88 0.2%	322 0.6%	2,177 4.1%
5	48,021	6,391 13.3%	31,874 66.4%	5,392 11.2%	1,947 4.1%	166 0.3%	31 0.1%	281 0.6%	1,939 4.0%
6	52,113	5,580 10.7%	39,094 75.0%	2,668 5.1%	2,182 4.2%	188 0.4%	34 0.1%	245 0.5%	2,122 4.1%
7	52,849	16,319 30.9%	30,766 58.2%	1,259 2.4%	2,081 3.9%	329 0.6%	35 0.1%	275 0.5%	1,785 3.4%
8	53,142	10,334 19.4%	29,527 55.6%	8,463 15.9%	1,978 3.7%	282 0.5%	162 0.3%	265 0.5%	2,131 4.0%
9	65,959	13,999 21.2%	40,508 61.4%	6,083 9.2%	1,930 2.9%	409 0.6%	46 0.1%	387 0.6%	2,597 3.9%
10	61,060	6,130 10.0%	47,825 78.3%	2,343 3.8%	1,779 2.9%	249 0.4%	40 0.1%	294 0.5%	2,400 3.9%
11	50,624	23,457 46.3%	9,254 18.3%	12,024 23.8%	3,382 6.7%	200 0.4%	411 0.8%	203 0.4%	1,693 3.3%
	581,062	142,473	341,028	46,625	22,802	3,068	964	2,905	21,197

Source: 2020 US Census Bureau, P4 Table

Prepared by: TS Data, Tools and Governance

Voting Age Population Change 2010 to 2020



District	Total Change	Hispanic or Latino		White		Black or African American		Asian		American Indian & Alaska Native		Native Hawaiian & Other Pacific Islander		Other		Two or More		
1	11,723	25.6%	-3,550	-22.2%	12,613	46.1%	407	57.8%	633	85.0%	-57	-16.0%	0	0.0%	174	226.0%	1,503	282.0%
2	3,194	7.7%	1,490	10.2%	32	0.1%	240	42.8%	391	21.4%	61	22.4%	16	55.2%	130	220.3%	834	193.5%
3	4,335	11.5%	-824	-3.3%	3,563	37.5%	601	52.7%	168	14.5%	5	1.2%	27	180.0%	105	119.3%	690	190.6%
4	8,079	17.9%	2,157	39.7%	3,003	9.3%	855	22.0%	449	20.9%	30	17.5%	59	203.4%	236	274.4%	1,290	145.4%
5	5,904	14.0%	1,589	33.1%	2,698	9.2%	273	5.3%	-34	-1.7%	1	0.6%	-3	-8.8%	208	284.9%	1,172	152.8%
6	5,008	10.6%	1,389	33.1%	1,699	4.5%	295	12.4%	127	6.2%	8	4.4%	9	36.0%	159	184.9%	1,322	165.3%
7	8,591	19.4%	-124	-0.8%	6,330	25.9%	384	43.9%	536	34.7%	-7	-2.1%	-7	-16.7%	197	252.6%	1,282	254.9%
8	14,715	38.3%	2,409	30.4%	10,902	58.5%	-1,467	-14.8%	1,114	128.9%	79	38.9%	147	980.0%	192	263.0%	1,339	169.1%
9	19,959	43.4%	1,397	11.1%	16,708	70.2%	-1,111	-15.4%	958	98.6%	96	30.7%	11	31.4%	293	311.7%	1,607	162.3%
10	11,603	23.5%	1,991	48.1%	6,978	17.1%	301	14.7%	654	58.1%	-22	-8.1%	13	48.1%	215	272.2%	1,473	158.9%
11	16,559	48.6%	9,438	67.3%	1,628	21.3%	2,138	21.6%	1,865	122.9%	73	57.5%	324	372.4%	157	341.3%	936	123.6%
	109,670		17,362		66,154		2,916		6,861		267		596		2,066		13,448	

Source: 2010, 2020 US Census Bureau, P4 Table

Prepared by: TS Data, Tools and Governance

Questions?

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