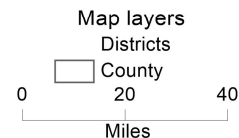
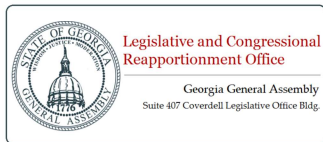
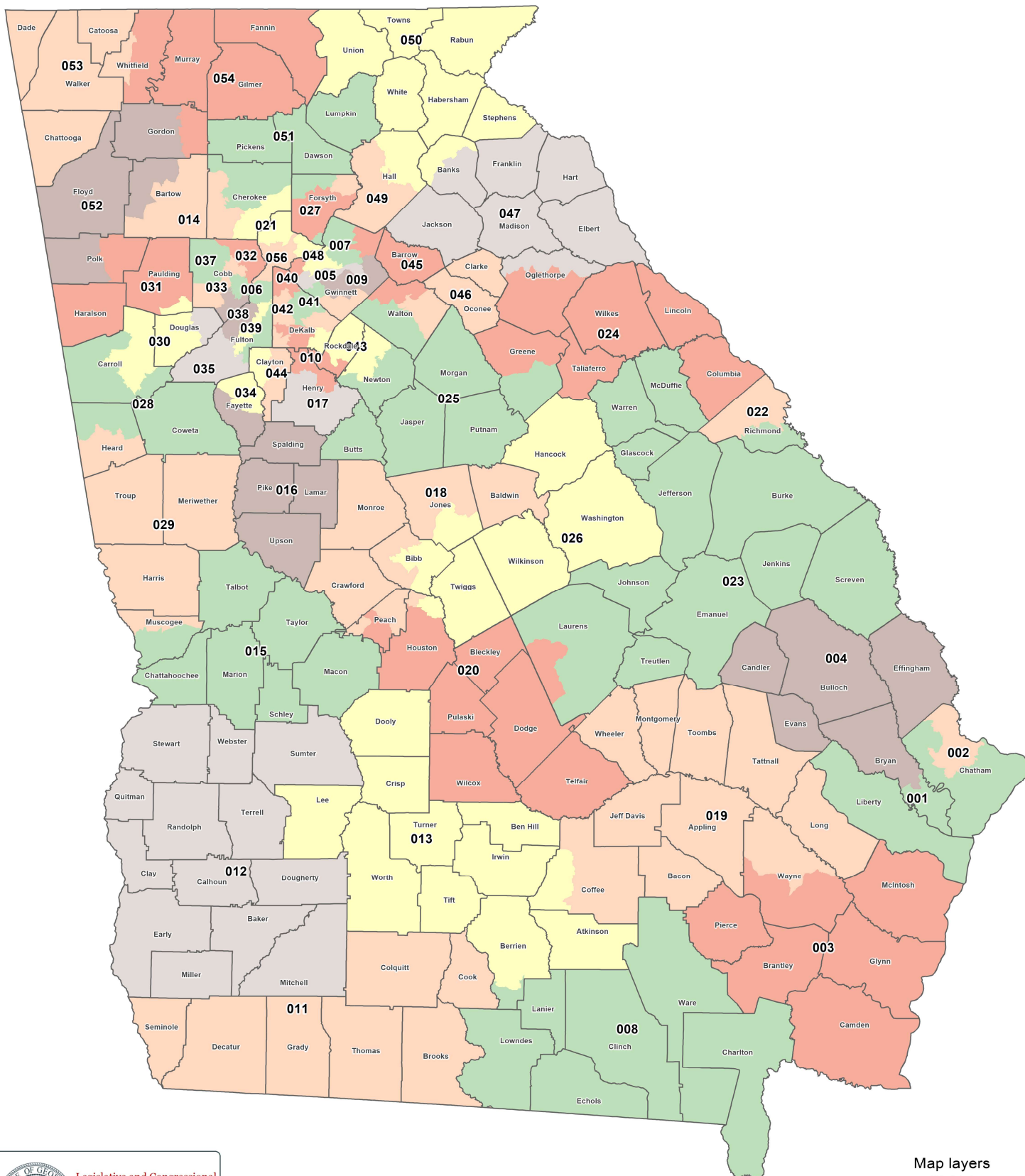


EXHIBIT 13

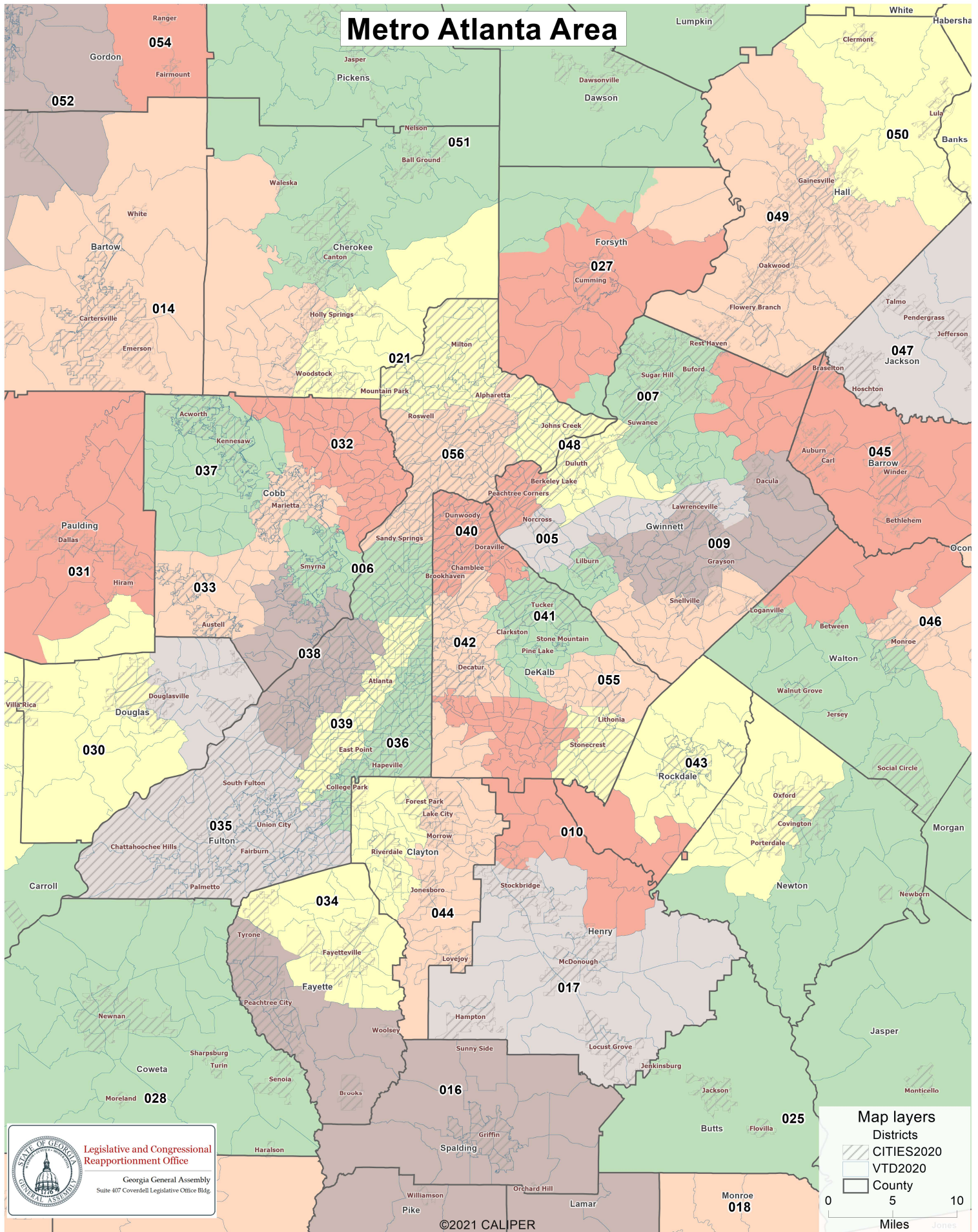
Draft- Georgia Senate Districts

Client: S055
Plan: GSDC-SenatePlan-2021
Type: Senate



Draft- Georgia Senate Districts

Client: S055
Plan: GSDC-SenatePlan-2021
Type: Senate



User: S055

Plan Name: GSDC-SenatePlan-2021

Plan Type: Senate

Population Summary

Summary Statistics:

Population Range:	189,375 to 193,164
Ratio Range:	0.02
Absolute Range:	-1,909 to 1,880
Absolute Overall Range:	3,789
Relative Range:	-1.00% to 0.98%
Relative Overall Range:	1.98%
Absolute Mean Deviation:	940.36
Relative Mean Deviation:	0.49%
Standard Deviation:	1,093.63

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blkl]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
001	190,598	-686	-0.36%	146,018	76.61%	57.47%	24.42%	9.05%	3.12%	0.26%	0.3%	0.51%	4.87%
002	191,568	284	0.15%	151,838	79.26%	36.57%	47.38%	8.33%	3.4%	0.21%	0.15%	0.46%	3.49%
003	192,453	1,169	0.61%	149,320	77.59%	69.47%	18.53%	6.1%	1.14%	0.25%	0.08%	0.42%	3.99%
004	190,742	-542	-0.28%	144,858	75.94%	65.89%	21.82%	6.25%	1.38%	0.22%	0.07%	0.34%	4.03%
005	191,787	503	0.26%	139,061	72.51%	13.25%	26.8%	45.55%	11.1%	0.15%	0.05%	0.63%	2.49%
006	192,675	1,391	0.73%	157,585	81.79%	52.01%	21.94%	13.97%	6.84%	0.16%	0.03%	0.92%	4.13%
007	191,376	92	0.05%	142,469	74.44%	43.9%	16.31%	15.98%	19.08%	0.13%	0.04%	0.63%	3.93%
008	190,427	-857	-0.45%	144,304	75.78%	54.97%	32.33%	7.18%	1.3%	0.28%	0.08%	0.35%	3.52%
009	192,411	1,127	0.59%	140,976	73.27%	35.63%	30.78%	18.22%	10.72%	0.18%	0.03%	0.76%	3.68%
010	192,374	1,090	0.57%	150,833	78.41%	18.25%	71.96%	4.65%	1.13%	0.15%	0.03%	0.6%	3.22%
011	189,976	-1,308	-0.68%	144,597	76.11%	55.75%	31.13%	9.36%	0.69%	0.23%	0.03%	0.26%	2.54%
012	190,819	-465	-0.24%	149,154	78.17%	33.83%	58.82%	3.89%	0.86%	0.16%	0.02%	0.21%	2.2%
013	189,546	-1,738	-0.91%	145,065	76.53%	59.94%	28.77%	7.03%	1.15%	0.17%	0.02%	0.26%	2.66%
014	191,772	488	0.26%	147,067	76.69%	72.13%	9.61%	11.25%	1.73%	0.21%	0.04%	0.52%	4.52%
015	191,139	-145	-0.08%	145,887	76.33%	34.74%	51.64%	7.61%	1.23%	0.23%	0.28%	0.44%	3.83%
016	192,882	1,598	0.84%	148,684	77.09%	66.3%	21.97%	4.94%	2.52%	0.18%	0.03%	0.43%	3.64%
017	191,682	398	0.21%	142,279	74.23%	35.21%	48.81%	7.49%	3.66%	0.18%	0.05%	0.7%	3.9%
018	191,993	709	0.37%	152,241	79.3%	59.91%	30.32%	3.97%	2.15%	0.2%	0.04%	0.39%	3.03%
019	191,555	271	0.14%	144,639	75.51%	61.75%	24.08%	10.17%	0.63%	0.17%	0.07%	0.27%	2.86%
020	192,322	1,038	0.54%	147,280	76.58%	57.47%	29.9%	6.21%	2.33%	0.15%	0.06%	0.34%	3.54%
021	192,874	1,590	0.83%	145,725	75.55%	71.74%	7.06%	8.81%	7.2%	0.13%	0.04%	0.65%	4.36%
022	190,738	-546	-0.29%	148,558	77.89%	30.85%	56.74%	5.7%	2%	0.24%	0.19%	0.43%	3.86%
023	192,643	1,359	0.71%	148,761	77.22%	54.62%	38.6%	3.09%	0.57%	0.21%	0.05%	0.25%	2.6%
024	193,164	1,880	0.98%	144,202	74.65%	61.99%	21%	7.17%	3.8%	0.22%	0.14%	0.5%	5.16%
025	189,526	-1,758	-0.92%	146,990	77.56%	68.59%	21.55%	4.89%	0.81%	0.16%	0.04%	0.47%	3.48%
026	190,042	-1,242	-0.65%	145,018	76.31%	33.41%	57.75%	4.57%	0.69%	0.21%	0.03%	0.32%	3.02%
027	189,375	-1,909	-1.00%	136,237	71.94%	60.36%	4.48%	10.65%	20.08%	0.19%	0.04%	0.53%	3.68%
028	190,376	-908	-0.47%	145,762	76.57%	70.44%	16.15%	6.86%	1.9%	0.2%	0.04%	0.42%	3.99%
029	193,111	1,827	0.96%	148,404	76.85%	60.78%	26.28%	5.21%	3.04%	0.23%	0.1%	0.41%	3.95%

Population Summary

GSDC-SenatePlan-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH_Wht]	[% NH_Blkl]	[% Hispanic Origin]	[% NH_Asn]	[% NH_Ind]	[% NH_Hwn]	[% NH_Oth]	[% NH_2+ Races]
030	191,754	470	0.25%	143,599	74.89%	51.77%	32.18%	9.35%	1.33%	0.25%	0.03%	0.67%	4.42%
031	192,251	967	0.51%	142,589	74.17%	70.56%	17.23%	6.1%	1.05%	0.22%	0.06%	0.55%	4.22%
032	189,483	-1,801	-0.94%	143,627	75.8%	67.33%	8.85%	7.98%	9.63%	0.15%	0.03%	1.04%	5%
033	191,326	42	0.02%	146,508	76.58%	31.6%	37.29%	23.45%	2.55%	0.2%	0.06%	1.02%	3.82%
034	190,111	-1,173	-0.61%	142,069	74.73%	16.6%	63.18%	12.9%	3.51%	0.21%	0.04%	0.63%	2.93%
035	190,183	-1,101	-0.58%	142,920	75.15%	12.76%	74.94%	7.85%	0.79%	0.15%	0.05%	0.65%	2.82%
036	191,251	-33	-0.02%	156,243	81.7%	32.2%	52.66%	7.74%	2.96%	0.18%	0.04%	0.56%	3.66%
037	192,450	1,166	0.61%	149,015	77.43%	59.82%	20.1%	9.85%	4.45%	0.15%	0.03%	0.81%	4.79%
038	190,326	-958	-0.50%	145,743	76.58%	21.61%	61.38%	10.86%	2.18%	0.16%	0.03%	0.55%	3.22%
039	192,581	1,297	0.68%	163,389	84.84%	30.1%	54.3%	6.21%	5.38%	0.16%	0.03%	0.49%	3.33%
040	190,575	-709	-0.37%	146,945	77.11%	47.18%	15.7%	21.16%	11.54%	0.13%	0.04%	0.65%	3.6%
041	192,810	1,526	0.80%	145,592	75.51%	22.36%	49.31%	11.43%	12.6%	0.2%	0.02%	0.63%	3.44%
042	191,905	621	0.32%	153,986	80.24%	52.75%	20.22%	14.31%	7.67%	0.13%	0.03%	0.62%	4.28%
043	191,400	116	0.06%	144,515	75.5%	20.63%	66.4%	7.7%	1.07%	0.17%	0.08%	0.64%	3.31%
044	191,092	-192	-0.10%	143,997	75.35%	11.04%	67.7%	12.64%	4.94%	0.19%	0.04%	0.64%	2.81%
045	189,456	-1,828	-0.96%	140,381	74.1%	61.94%	14.75%	12.18%	6.42%	0.15%	0.02%	0.57%	3.97%
046	190,233	-1,051	-0.55%	151,867	79.83%	61.77%	20.85%	9.22%	3.75%	0.19%	0.04%	0.66%	3.52%
047	191,320	36	0.02%	146,478	76.56%	77.13%	10.59%	6.55%	1.68%	0.17%	0.02%	0.34%	3.52%
048	190,605	-679	-0.35%	144,989	76.07%	35.12%	17.06%	15.3%	27.95%	0.14%	0.05%	0.67%	3.71%
049	189,962	-1,322	-0.69%	143,408	75.49%	58.49%	7.1%	28.76%	2.17%	0.17%	0.04%	0.35%	2.92%
050	191,081	-203	-0.11%	153,192	80.17%	83.01%	3.43%	8.29%	0.99%	0.24%	0.03%	0.28%	3.73%
051	189,523	-1,761	-0.92%	147,182	77.66%	82.09%	2.77%	9.32%	1.1%	0.27%	0.04%	0.34%	4.08%
052	192,534	1,250	0.65%	146,954	76.33%	70.88%	10.17%	13.57%	1.16%	0.21%	0.03%	0.33%	3.64%
053	190,870	-414	-0.22%	148,628	77.87%	86.75%	3.9%	3.75%	0.87%	0.24%	0.06%	0.25%	4.18%
054	190,285	-999	-0.52%	145,956	76.7%	69.59%	2%	24.1%	0.89%	0.21%	0.01%	0.24%	2.96%
055	192,719	1,435	0.75%	144,392	74.92%	15.77%	66.26%	9.66%	3.72%	0.18%	0.04%	0.75%	3.62%
056	191,876	592	0.31%	152,298	79.37%	55.64%	15.86%	13.13%	10.11%	0.13%	0.04%	0.84%	4.24%

Total: 10,711,908**Ideal District: 191,284**

User: S055

Plan Name: GSDC-SenatePlan-2021

Plan Type: Senate

Population Summary

Summary Statistics:

Population Range:	189,375 to 193,164
Ratio Range:	0.02
Absolute Range:	-1,909 to 1,880
Absolute Overall Range:	3,789
Relative Range:	-1.00% to 0.98%
Relative Overall Range:	1.98%
Absolute Mean Deviation:	940.36
Relative Mean Deviation:	0.49%
Standard Deviation:	1,093.63

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Ind]	[% NH18+_Asn]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
001	190,598	-686	-0.36%	146,018	76.61%	60.64%	23.47%	7.8%	0.28%	3.28%	0.28%	0.44%	3.81%
002	191,568	284	0.15%	151,838	79.26%	40.37%	44.69%	7.45%	0.22%	3.76%	0.15%	0.41%	2.94%
003	192,453	1,169	0.61%	149,320	77.59%	72.2%	17.66%	5.13%	0.26%	1.18%	0.07%	0.34%	3.16%
004	190,742	-542	-0.28%	144,858	75.94%	68.16%	21.28%	5.27%	0.24%	1.42%	0.07%	0.29%	3.27%
005	191,787	503	0.26%	139,061	72.51%	15.58%	27.17%	41.75%	0.14%	12.52%	0.05%	0.54%	2.26%
006	192,675	1,391	0.73%	157,585	81.79%	54.26%	22%	12.06%	0.16%	7%	0.03%	0.9%	3.6%
007	191,376	92	0.05%	142,469	74.44%	46.59%	16.09%	14.49%	0.13%	19.22%	0.04%	0.51%	2.92%
008	190,427	-857	-0.45%	144,304	75.78%	57.48%	31.06%	6.6%	0.3%	1.37%	0.08%	0.28%	2.83%
009	192,411	1,127	0.59%	140,976	73.27%	39.47%	29.34%	16.34%	0.17%	11.13%	0.03%	0.62%	2.92%
010	192,374	1,090	0.57%	150,833	78.41%	19.92%	71.35%	3.96%	0.16%	1.15%	0.02%	0.56%	2.88%
011	189,976	-1,308	-0.68%	144,597	76.11%	58.97%	30.08%	7.6%	0.26%	0.72%	0.02%	0.22%	2.13%
012	190,819	-465	-0.24%	149,154	78.17%	36.71%	56.63%	3.48%	0.18%	0.92%	0.02%	0.18%	1.88%
013	189,546	-1,738	-0.91%	145,065	76.53%	62.69%	27.77%	5.85%	0.18%	1.15%	0.02%	0.2%	2.14%
014	191,772	488	0.26%	147,067	76.69%	74.97%	9.36%	9.5%	0.22%	1.79%	0.03%	0.43%	3.7%
015	191,139	-145	-0.08%	145,887	76.33%	37.22%	50.9%	6.62%	0.24%	1.37%	0.25%	0.36%	3.06%
016	192,882	1,598	0.84%	148,684	77.09%	68.73%	21.22%	4.2%	0.18%	2.39%	0.02%	0.34%	2.9%
017	191,682	398	0.21%	142,279	74.23%	38.02%	47.53%	6.64%	0.19%	3.77%	0.06%	0.62%	3.18%
018	191,993	709	0.37%	152,241	79.3%	62.23%	29.25%	3.43%	0.2%	2.17%	0.04%	0.3%	2.39%
019	191,555	271	0.14%	144,639	75.51%	64.47%	23.82%	8.42%	0.18%	0.68%	0.06%	0.19%	2.17%
020	192,322	1,038	0.54%	147,280	76.58%	59.23%	29.61%	5.66%	0.16%	2.37%	0.06%	0.28%	2.64%
021	192,874	1,590	0.83%	145,725	75.55%	73.93%	6.95%	7.94%	0.14%	6.94%	0.04%	0.58%	3.47%
022	190,738	-546	-0.29%	148,558	77.89%	34.17%	54.07%	5.43%	0.24%	2.33%	0.18%	0.37%	3.22%
023	192,643	1,359	0.71%	148,761	77.22%	57.02%	37.25%	2.56%	0.22%	0.59%	0.05%	0.2%	2.11%
024	193,164	1,880	0.98%	144,202	74.65%	64.58%	20.85%	5.95%	0.24%	3.94%	0.13%	0.42%	3.89%
025	189,526	-1,758	-0.92%	146,990	77.56%	70.78%	20.99%	4.02%	0.18%	0.82%	0.02%	0.4%	2.79%
026	190,042	-1,242	-0.65%	145,018	76.31%	36.43%	55.77%	4.03%	0.23%	0.78%	0.03%	0.27%	2.48%
027	189,375	-1,909	-1.00%	136,237	71.94%	64.56%	4.41%	9.62%	0.14%	17.83%	0.04%	0.47%	2.93%
028	190,376	-908	-0.47%	145,762	76.57%	72.43%	15.86%	6%	0.22%	1.92%	0.05%	0.31%	3.21%

Population Summary

GSDC-SenatePlan-2021

District	Population	Deviation	% Devn.	[18+_Pop]	[% 18+_Pop]	[% NH18+_Wht]	[% NH18+_Blk]	[% H18+_Pop]	[% NH18+_Ind]	[% NH18+_Asn]	[% NH18+_Hwn]	[% NH18+_Oth]	[% NH18+_2+ Races]
029	193,111	1,827	0.96%	148,404	76.85%	63.25%	25.6%	4.34%	0.23%	3.03%	0.11%	0.33%	3.12%
030	191,754	470	0.25%	143,599	74.89%	55.02%	31.26%	7.9%	0.26%	1.39%	0.04%	0.57%	3.55%
031	192,251	967	0.51%	142,589	74.17%	73.1%	16.48%	5.23%	0.22%	1.11%	0.06%	0.43%	3.36%
032	189,483	-1,801	-0.94%	143,627	75.8%	69.83%	8.87%	7.09%	0.15%	9.19%	0.03%	0.94%	3.91%
033	191,326	42	0.02%	146,508	76.58%	35.81%	36.74%	20.09%	0.23%	2.78%	0.06%	0.96%	3.33%
034	190,111	-1,173	-0.61%	142,069	74.73%	19.11%	62.8%	11.04%	0.21%	3.79%	0.04%	0.57%	2.44%
035	190,183	-1,101	-0.58%	142,920	75.15%	14.73%	74.2%	6.81%	0.16%	0.9%	0.05%	0.59%	2.57%
036	191,251	-33	-0.02%	156,243	81.7%	35.23%	50.27%	7.17%	0.17%	3.31%	0.04%	0.54%	3.28%
037	192,450	1,166	0.61%	149,015	77.43%	62.54%	19.6%	8.7%	0.16%	4.49%	0.04%	0.71%	3.75%
038	190,326	-958	-0.50%	145,743	76.58%	23.63%	61.12%	9.32%	0.17%	2.38%	0.04%	0.5%	2.83%
039	192,581	1,297	0.68%	163,389	84.84%	32.42%	52.02%	5.84%	0.16%	5.95%	0.04%	0.44%	3.12%
040	190,575	-709	-0.37%	146,945	77.11%	49.63%	16.39%	18.45%	0.12%	11.84%	0.04%	0.58%	2.94%
041	192,810	1,526	0.80%	145,592	75.51%	25.44%	48.6%	10.24%	0.21%	11.99%	0.03%	0.56%	2.94%
042	191,905	621	0.32%	153,986	80.24%	54.63%	20.97%	12.17%	0.13%	8.13%	0.03%	0.53%	3.42%
043	191,400	116	0.06%	144,515	75.5%	23.27%	65.31%	6.55%	0.16%	1.15%	0.08%	0.57%	2.91%
044	191,092	-192	-0.10%	143,997	75.35%	13.24%	67.32%	10.88%	0.19%	5.24%	0.04%	0.59%	2.5%
045	189,456	-1,828	-0.96%	140,381	74.1%	64.71%	14.39%	10.67%	0.16%	6.44%	0.03%	0.45%	3.15%
046	190,233	-1,051	-0.55%	151,867	79.83%	64.9%	19.32%	8%	0.2%	3.92%	0.03%	0.59%	3.03%
047	191,320	36	0.02%	146,478	76.56%	79.25%	10.47%	5.37%	0.19%	1.66%	0.03%	0.28%	2.75%
048	190,605	-679	-0.35%	144,989	76.07%	37.81%	16.62%	13.81%	0.12%	28.13%	0.05%	0.57%	2.9%
049	189,962	-1,322	-0.69%	143,408	75.49%	63.4%	7.12%	24.2%	0.18%	2.27%	0.04%	0.3%	2.51%
050	191,081	-203	-0.11%	153,192	80.17%	85.47%	3.4%	6.47%	0.25%	1%	0.02%	0.24%	3.14%
051	189,523	-1,761	-0.92%	147,182	77.66%	84.54%	2.62%	7.59%	0.28%	1.11%	0.04%	0.3%	3.51%
052	192,534	1,250	0.65%	146,954	76.33%	74.3%	9.97%	10.95%	0.22%	1.2%	0.02%	0.29%	3.05%
053	190,870	-414	-0.22%	148,628	77.87%	88.21%	3.97%	3.01%	0.26%	0.85%	0.06%	0.18%	3.45%
054	190,285	-999	-0.52%	145,956	76.7%	74.04%	2.01%	19.91%	0.24%	0.88%	0.01%	0.2%	2.7%
055	192,719	1,435	0.75%	144,392	74.92%	17.92%	65.94%	8.25%	0.2%	3.77%	0.04%	0.71%	3.19%
056	191,876	592	0.31%	152,298	79.37%	58.16%	15.86%	11.51%	0.12%	9.88%	0.05%	0.78%	3.64%

Total: 10,711,908**Ideal District: 191,284**