EXHIBIT F

PENGAD 800-631-6989
DEFENDANT'S
EXHIBIT
10
Cooper

Regional Commissions

State of Georgia

Georgia® Department of Community Affairs

Effective July 1, 2021

EXHIBIT O-1

PENGAD 800-631-6989
DEFENDANT'S
EXHIBIT
11
Cooper

Population Summary Report

Georgia State Senate -- Illustrative Plan

District	2020 Pop.	% 2020 Deviation	18+ Pop	18+ AP Black	% 18+ AP Black	18+_NH White	% 18+ NH White	2016-20 NH BCVAP*	2016-20 LCVAP*	2016-2020 NH ACVAP*	NH B+L+NH ACVAP	2016-20 NH White CVAP*	NH DOJ Black CVAP**
001	191452	0.09%	145461	36492	25.09%	90,157	61.98%	23.35%	6.89%	2.42%	32.66%	64.57%	24.22%
002	193142	0.97%	153153	70956	46.33%	62,323	40.69%	51.30%	4.24%	1.28%	56.81%	41.21%	52.01%
003	191212	-0.04%	148915	31545	21.18%	102,574	68.88%	22.52%	3.12%	1.07%	26.72%	71.66%	22.75%
004	191400	0.06%	146752	36060	24.57%	97,270	66.28%	24.53%	2.44%	0.66%	27.64%	70.36%	25.14%
005	193203	1.00%	145348	43143	29.68%	42,016	28.91%	32.39%	14.37%	12.39%	59.15%	38.00%	33.12%
006	191401	0.06%	155781	37231	23.90%	90,024	57.79%	21.84%	4.81%	4.33%	30.99%	66.49%	22.68%
007	190077	-0.63%	142736	30092	21.08%	38,350	26.87%	25.96%	15.49%	16.51%	57.96%	39.79%	26.69%
008	192396	0.58%	145144	44098	30.38%	87,232	60.10%	29.62%	4.62%	0.63%	34.86%	63.30%	29.87%
009	192517	0.64%	141460	41834	29.57%	50,943	36.01%	31.13%	10.34%	10.52%	51.99%	46.19%	31.67%
010	192564	0.67%	150543	105014	69.76%	33,702	22.39%	68.28%	2.96%	1.68%	72.93%	24.80%	69.46%
011	189976	-0.68%	144597	44887	31.04%	85,275	58.97%	32.29%	3.60%	0.53%	36.42%	62.50%	32.39%
012	190819	-0.24%	149154	86465	57.97%	54,752	36.71%	58.80%	1.58%	0.51%	60.89%	37.77%	59.26%
013	189419	-0.97%	145681	43112	29.59%	91,184	62.59%	30.55%	2.96%	0.66%	34.17%	64.79%	30.78%
014	192533	0.65%	155340	29470	18.97%	88,706	57.10%	18.74%	6.79%	5.99%	31.52%	66.36%	19.52%
015	189446	-0.96%	144506	78040	54.00%	52,771	36.52%	53.80%	4.84%	1.13%	59.76%	38.23%	54.34%
016	190092	-0.62%	143135	80897	56.52%	41,141	28.74%	53.43%	6.12%	4.06%	63.61%	34.66%	53.92%
017	191319	0.02%	144778	90556	62.55%	44,041	30.42%	58.26%	3.21%	1.75%	63.23%	34.85%	59.13%
018	192415	0.59%	149741	42007	28.05%	95,357	63.68%	27.72%	2.31%	1.66%	31.69%	66.82%	27.90%
019	192249	0.50%	144589	34200	23.65%	94,744	65.53%	24.70%	5.42%	0.26%	30.38%	68.36%	25.02%
020	190739	-0.28%	143177	86543	60.44%	40,051	27.97%	57.34%	5.09%	1.13%	63.55%	34.68%	57.90%
021	192572	0.67%	145120	10823	7.46%	107,202	73.87%	7.97%	4.93%	3.57%	16.46%	82.05%	8.20%
022	189518	-0.92%	148909	74990	50.36%	60,500	40.63%	50.14%	4.14%	1.61%	55.89%	41.99%	50.69%
023	190081	-0.63%	149454	75048	50.21%	67,539	45.19%	50.87%	1.52%	0.57%	52.96%	45.66%	51.50%
024	189600	-0.88%	141699	29421	20.76%	94,225	66.50%	19.83%	4.75%	2.62%	27.20%	70.64%	20.49%
025	192197	0.48%	148021	45940	31.04%	92,084	62.21%	32.64%	2.86%	0.58%	36.08%	63.09%	32.85%
026	193164	0.98%	145554	76868	52.81%	55,602	38.20%	51.43%	3.24%	1.28%	55.94%	41.97%	52.25%
027	190676	-0.32%	139196	6961	5.00%	99,531	71.50%	3.91%	5.70%	4.39%	14.00%	83.77%	4.52%
028	189892	-0.73%	145076	74454	51.32%	54,976	37.89%	49.65%	4.55%	2.35%	56.55%	41.52%	50.19%
029	189424	-0.97%	145674	39150	26.88%	92,102	63.22%	26.94%	4.06%	1.61%	32.61%	65.57%	27.18%
030	192238	0.50%	146282	24275	16.59%	108,953	74.48%	16.63%	2.69%	0.65%	19.97%	78.59%	16.98%
031	192560	0.67%	142251	29440	20.70%	97,094	68.26%	17.61%	4.90%	0.66%	23.16%	74.68%	18.20%
032	192448	0.61%	149879	22274	14.86%	98,589	65.78%	13.83%	5.81%	3.85%	23.50%	74.61%	14.28%
033	189366	-1.00%	142275	74833	52.60%	34,672	24.37%	57.30%	9.56%	1.55%	68.41%	29.93%	58.27%
034	192420	0.59%	141555	110184	77.84%	9,895	6.99%	81.65%	4.44%	3.14%	89.24%	8.92%	82.68%
035	191120	-0.09%	156232	94985	60.80%	43,695	27.97%	63.52%	3.21%	2.78%	69.51%	28.67%	63.99%
036	192282	0.52%	161385	82859	51.34%	58,394	36.18%	51.43%	4.15%	3.28%	58.87%	38.63%	52.36%
037	192671	0.73%	147779	28484	19.27%	96,596	65.37%	17.91%	6.55%	3.39%	27.86%	70.93%	18.12%
038	189676	-0.84%	147155	79836	54.25%	41,957	28.51%	57.67%	5.62%	2.89%	66.18%	31.35%	58.53%
039	190610	-0.35%	144608	23105	15.98%	102,900	71.16%	14.30%	5.07%	1.61%	20.98%	76.91%	14.86%
040	190544	-0.39%	147000	28277	19.24%	68,121	46.34%	22.44%	8.17%	7.48%	38.09%	60.06%	22.85%
041	190488	-0.42%	145841	94164	64.57%	27,108	18.59%	70.45%	2.70%	4.15%	77.29%	20.93%	71.17%
042	190522	-0.40%	151327	40946	27.06%	79,710	52.67%	26.49%	4.18%	5.15%	35.82%	61.11%	27.41%
043	192227	0.49%	144558	83796	57.97%	48,210	33.35%	56.01%	3.92%	0.65%	60.57%	37.68%	56.33%
044	191728	0.23%	148891	34043	22.86%	106,209	71.33%	23.65%	1.93%	0.42%	26.00%	72.82%	23.95%
045	193010	0.90%	141394	29784	21.06%	74,402	52.62%	19.61%	9.19%	6.84%	35.64%	63.06%	20.00%
046	189385	-0.99%	152409	30906	20.28%	99,148	65.05%	23.18%	4.22%	2.34%	29.73%	68.73%	23.55%
047	190120	-0.61%	142471	15791	11.08%	107,483	75.44%	10.59%	5.05%	1.82%	17.46%	81.00%	11.12%
048	190123	-0.61%	136995	12968	9.47%	71,575	52.25%	8.08%	5.45%	16.74%	30.28%	68.11%	8.34%
049	192420	0.59%	146234	11610	7.94%	95,226	65.12%	8.26%	12.10%	1.70%	22.06%	76.48%	8.65%
050	192836	0.81%	152237	10351	6.80%	124,435	81.74%	6.99%	4.37%	0.79%	12.15%	86.51%	7.22%
051	190167	-0.58%	155571	1876	1.21%	140,394	90.24%	1.11%	2.82%	0.40%	4.33%	92.93%	1.35%
052	190799	-0.25%	146620	19120	13.04%	109,583	74.74%	12.10%	4.85%	0.69%	17.64%	80.53%	12.89%
053	190236	-0.55%	148201	7558	5.10%	129,390	87.31%	4.51%	1.91%	0.71%	7.12%	91.33%	4.96%
054	192443	0.61%	143843	5450	3.79%	100,668	69.98%	3.73%	12.79%	0.64%	17.17%	81.43%	4.14%
055	192748	0.77%	144139	73834	51.22%	51,521	35.74%	50.78%	4.91%	2.36%	58.05%	40.12%	51.27%
056	191226	-0.03%	144448	10940	7.57%	110,031	76.17%	6.60%	5.24%	3.84%	15.68%	82.68%	7.18%
Total	**10,711,908**	**2.00%**	**8,220,274**	**2,607,986**	**31.73%**	**4,342,333**	**52.82%**						
Majority Districts					18			18			22	34	19

CVAP Source:

* 2016-20 ACS Special Tabulation https://redistrictingdatahub.org/dataset/georgia-cvap-data-disaggregated-to-the-block-level-2020/

Note: Citizen Voting Age Population (CVAP) percentages are disaggreagated from block-gorup level ACS estimates (survey midpoint of July 2018)

* Single race NH Black CVAP, Single Race NH Asian CVAP, **NH DOJ Black= SR NH Black CVAP+SR NH Black/White CVAP