

## Exhibit 12

BENCHMARK PLAN: Black VAP Percentages as reported by DLS and as calculated by DOJ Guidelines

[A]	[B]	[C]			[D]	[E]	[F]		[G]	[H]	[I]
Benchmark Plan		DLS: Includes Hispanic Black					DOJ: Excludes Hispanic Black				Net%
	Voting Age District Population	DLS Black VAP	Single race: Black	Multi-race: Black+White		DOJ Black VAP	%Non-Hispanic Single race: Black	%Non-Hispanic Multi-race: Black+White			Net: DLS-DOJ
001	57,833	3.8%	3.78%	0.07%		3.8%	3.69%	0.07%			0.1%
002	54,630	2.4%	2.36%	0.08%		2.4%	2.35%	0.08%			0.0%
003	53,177	2.6%	2.53%	0.05%		2.6%	2.53%	0.05%			0.0%
004	58,842	2.4%	2.25%	0.10%		2.3%	2.24%	0.10%			0.0%
005	55,154	2.2%	2.10%	0.10%		2.2%	2.07%	0.10%			0.0%
006	58,276	4.3%	4.12%	0.16%		4.3%	4.11%	0.16%			0.0%
007	62,214	5.0%	4.69%	0.33%		4.9%	4.63%	0.31%			0.1%
008	58,528	5.2%	5.00%	0.17%		5.1%	4.95%	0.16%			0.1%
009	65,128	9.1%	9.06%	0.09%		9.1%	9.00%	0.08%			0.1%
010	54,788	12.9%	12.76%	0.16%		12.9%	12.73%	0.15%			0.0%
011	56,244	33.7%	33.24%	0.49%		33.4%	32.92%	0.46%			0.4%
012	64,081	4.5%	4.33%	0.21%		4.5%	4.26%	0.19%			0.1%
013	131,503	10.4%	10.09%	0.36%		10.1%	9.83%	0.30%			0.3%
014	51,053	37.7%	37.56%	0.16%		37.6%	37.46%	0.15%			0.1%
015	61,155	2.1%	2.03%	0.12%		2.1%	1.98%	0.11%			0.1%
016	55,023	23.8%	23.64%	0.16%		23.7%	23.55%	0.16%			0.1%
017	58,033	5.7%	5.49%	0.19%		5.6%	5.40%	0.19%			0.1%
018	62,954	6.2%	5.94%	0.23%		6.1%	5.87%	0.21%			0.1%
019	61,053	6.1%	5.98%	0.10%		6.0%	5.93%	0.10%			0.1%
020	60,846	6.5%	6.28%	0.21%		6.4%	6.22%	0.20%			0.1%
021	55,998	24.0%	23.50%	0.52%		23.4%	22.91%	0.48%			0.6%
022	61,006	11.8%	11.62%	0.15%		11.7%	11.58%	0.15%			0.0%
023	64,845	27.0%	26.64%	0.34%		26.8%	26.46%	0.33%			0.2%
024	58,206	9.0%	8.82%	0.18%		8.9%	8.74%	0.16%			0.1%
025	64,291	5.5%	5.33%	0.21%		5.4%	5.23%	0.19%			0.1%
026	67,195	4.2%	3.92%	0.32%		4.0%	3.69%	0.28%			0.3%
027	64,804	26.5%	26.17%	0.33%		26.1%	25.85%	0.29%			0.4%
028	70,257	17.9%	17.42%	0.47%		17.5%	17.06%	0.40%			0.4%
029	66,863	6.0%	5.71%	0.30%		5.9%	5.59%	0.27%			0.2%
030	67,963	14.4%	14.12%	0.27%		14.2%	13.95%	0.26%			0.2%
031	63,042	22.9%	22.42%	0.52%		22.2%	21.77%	0.45%			0.7%
032	78,679	7.6%	7.35%	0.29%		7.4%	7.13%	0.25%			0.3%
033	79,525	6.9%	6.62%	0.25%		6.7%	6.48%	0.23%			0.2%
034	55,355	3.2%	2.99%	0.18%		3.1%	2.92%	0.15%			0.1%
035	66,402	4.8%	4.59%	0.19%		4.6%	4.44%	0.14%			0.2%
036	57,195	8.0%	7.65%	0.31%		7.7%	7.41%	0.27%			0.3%
037	59,812	6.6%	6.25%	0.33%		6.3%	6.04%	0.26%			0.3%
038	59,896	10.2%	9.92%	0.25%		9.8%	9.61%	0.22%			0.3%
039	60,143	6.5%	6.32%	0.18%		6.3%	6.08%	0.17%			0.3%
040	59,244	6.6%	6.26%	0.31%		6.4%	6.08%	0.28%			0.2%

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[A]	[B]	[C]			[D]	[E]	[F]		[G]	[H]	[I]
Benchmark Plan		DLS: Includes Hispanic Black					DOJ: Excludes Hispanic Black				Net%
Voting Age District	Population	DLS Black VAP	Single race: Black	Multi-race: Black+White		DOJ Black VAP	%Non-Hispanic Single race: Black	%Non-Hispanic Multi-race: Black+White			Net: DLS-DOJ
041	52,989	6.3%	6.10%	0.21%		6.1%	5.96%	0.17%			0.2%
042	59,031	14.1%	13.75%	0.32%		13.7%	13.40%	0.26%			0.4%
043	59,703	15.5%	15.11%	0.40%		15.1%	14.80%	0.31%			0.4%
044	59,332	21.4%	21.02%	0.39%		20.9%	20.57%	0.32%			0.5%
045	65,973	11.1%	10.78%	0.30%		10.8%	10.54%	0.23%			0.3%
046	64,174	28.5%	27.91%	0.59%		27.9%	27.38%	0.48%			0.6%
047	65,989	7.0%	6.75%	0.27%		6.8%	6.54%	0.22%			0.3%
048	71,185	6.0%	5.73%	0.28%		5.8%	5.58%	0.23%			0.2%
049	54,485	17.3%	16.87%	0.44%		16.6%	16.29%	0.31%			0.7%
050	59,678	14.1%	13.59%	0.53%		13.5%	13.10%	0.41%			0.6%
051	56,572	21.3%	20.76%	0.56%		20.7%	20.24%	0.46%			0.6%
052	69,541	28.5%	27.90%	0.60%		27.7%	27.14%	0.53%			0.8%
053	62,455	4.3%	4.14%	0.20%		4.2%	3.99%	0.17%			0.2%
054	70,835	16.5%	16.05%	0.43%		16.2%	15.80%	0.39%			0.3%
055	60,698	10.4%	10.18%	0.18%		10.3%	10.11%	0.17%			0.1%
056	70,975	14.3%	14.08%	0.21%		14.2%	13.99%	0.20%			0.1%
057	62,660	15.4%	14.97%	0.42%		15.2%	14.81%	0.38%			0.2%
058	67,486	8.8%	8.50%	0.26%		8.7%	8.43%	0.24%			0.1%
059	61,131	24.8%	24.60%	0.22%		24.7%	24.51%	0.21%			0.1%
060	57,699	33.7%	33.56%	0.16%		33.5%	33.35%	0.14%			0.2%
061	56,775	33.4%	33.29%	0.15%		33.2%	33.09%	0.14%			0.2%
062	58,854	25.6%	25.27%	0.34%		25.1%	24.79%	0.31%			0.5%
063	58,013	58.1%	57.76%	0.37%		57.7%	57.29%	0.36%			0.5%
064	67,121	20.8%	20.57%	0.27%		20.7%	20.41%	0.26%			0.2%
065	66,205	9.7%	9.57%	0.16%		9.6%	9.47%	0.15%			0.1%
066	65,915	16.5%	16.17%	0.29%		16.2%	15.94%	0.25%			0.3%
067	63,998	6.6%	6.30%	0.32%		6.4%	6.10%	0.28%			0.2%
068	58,611	11.6%	11.40%	0.24%		11.5%	11.22%	0.23%			0.2%
069	55,216	56.3%	55.82%	0.46%		55.6%	55.17%	0.41%			0.7%
070	59,060	61.8%	61.42%	0.35%		61.2%	60.92%	0.29%			0.6%
071	62,649	46.3%	45.77%	0.50%		45.8%	45.36%	0.47%			0.4%
072	62,711	11.4%	11.10%	0.26%		11.1%	10.88%	0.24%			0.2%
073	59,008	16.5%	16.22%	0.26%		16.1%	15.89%	0.24%			0.3%
074	60,325	62.7%	62.36%	0.34%		62.2%	61.90%	0.32%			0.5%
075	56,367	55.3%	55.17%	0.13%		55.1%	55.00%	0.13%			0.2%
076	69,266	26.2%	25.88%	0.27%		25.9%	25.66%	0.25%			0.2%
077	56,134	57.6%	57.27%	0.28%		57.0%	56.79%	0.25%			0.5%
078	60,892	17.4%	17.12%	0.27%		17.1%	16.85%	0.24%			0.3%
079	54,594	39.4%	38.98%	0.39%		38.8%	38.48%	0.36%			0.5%
080	55,645	54.4%	54.03%	0.37%		53.9%	53.58%	0.33%			0.5%

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Benchmark Plan		DLS: Includes Hispanic Black			DOJ: Excludes Hispanic Black					Net%	
	Voting Age District Population	DLS Black VAP	Single race: Black	Multi-race: Black+White	DOJ Black VAP	%Non- Hispanic Single race: Black	%Non- Hispanic Multi-race: Black+White			Net: DLS-DOJ	
081	55,612	15.6%	15.20%	0.37%	15.3%	14.91%	0.35%			0.3%	
082	56,016	7.8%	7.49%	0.35%	7.6%	7.24%	0.32%			0.3%	
083	57,417	18.9%	18.54%	0.38%	18.4%	18.05%	0.35%			0.5%	
084	57,150	21.2%	20.75%	0.45%	20.6%	20.18%	0.41%			0.6%	
085	56,846	20.3%	19.93%	0.36%	19.9%	19.55%	0.31%			0.4%	
086	66,342	9.7%	9.43%	0.27%	9.4%	9.15%	0.21%			0.3%	
087	54,818	24.2%	23.63%	0.56%	23.5%	22.97%	0.53%			0.7%	
088	66,826	14.6%	14.20%	0.37%	14.2%	13.88%	0.33%			0.4%	
089	56,922	52.5%	52.02%	0.44%	51.7%	51.31%	0.42%			0.7%	
090	52,752	56.9%	56.42%	0.50%	56.0%	55.61%	0.44%			0.9%	
091	49,375	15.9%	15.59%	0.27%	15.6%	15.34%	0.23%			0.3%	
092	54,472	62.1%	61.52%	0.63%	61.1%	60.55%	0.55%			1.0%	
093	55,175	33.5%	32.89%	0.64%	32.6%	32.06%	0.58%			0.9%	
094	55,572	24.4%	23.83%	0.53%	23.8%	23.27%	0.48%			0.6%	
095	51,008	61.6%	61.19%	0.46%	60.9%	60.50%	0.42%			0.7%	
096	68,293	14.7%	14.38%	0.30%	14.5%	14.20%	0.27%			0.2%	
097	67,243	18.3%	18.11%	0.19%	18.2%	18.00%	0.17%			0.1%	
098	59,650	15.7%	15.55%	0.18%	15.6%	15.45%	0.17%			0.1%	
099	63,601	24.0%	23.82%	0.19%	23.9%	23.69%	0.19%			0.1%	
100	61,071	28.4%	28.01%	0.37%	27.7%	27.35%	0.32%			0.7%	

Notes:

- 1 The values listed under the DLS columns [C-D-E] are from the Division of Legislative Services website.
- 2 The DLS values are based upon the two question census format: one for Hispanic Origin and one for Race.
- 3 The values listed under the DOJ columns [F-G-H] are provided by the Maptitude for Redistricting software.
- 4 The DOJ values are based upon a combination of the two questions to eliminate the double counting of persons.
- 5 Both sets of values may be calculated from the counts identified in the 2010 Census Counts exhibit.
- 6 The DLS and DOJ Black VAP values are the result of adding the two succeeding columns for Black and Black+White.
- 7 For convenience and consistency the DLS and DOJ Black VAP values are rounded to one decimal point.
- 8 The Net% column [I] subtracts the DOJ value [F] from the DLS value [C].