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U.S. DISTRICT COURT
N.D. OF ALABAMA

EXHIBIT 12

Moriarty Plan 1

Moriarty Plan 1

Plan Characteristics	Moriarty Plan 1
Maximum Population Deviation	1,187
Contiguous	Yes
Core Retention (% Population in Same District as in 2023 Plan): Statewide	53.8% ^
County Splits (out of 67 counties)	23
Voting District Splits (out of 1,837 voting districts)	0
Municipality Splits (out of 462 municipalities)	35
Municipality Splits, excluding where at least 95% of population is together	16
Birmingham Split (% Population)	District 4: 0.9% District 7: 99.1%
Mobile (City) Split (% Population)	District 1: 100%
Core Black Belt (out of 18 counties)	District 1: 4 counties* District 2: 2½ counties District 3: 11½ counties
Compactness: Reock Score: Statewide	0.34
Compactness: Polsby-Popper Score: Statewide	0.19
Compactness: Population Polygon Score: Statewide	0.73
Compactness: Cut Edges: Statewide	3,393

** Butler, Crenshaw, Pike, Barbour, and Russell Counties are split between Districts 2 and 3. These splits are counted as "½" in each case.*
^ For the core retention analysis, the proposed labels for Districts 4 and 6 were swapped. Otherwise the statewide core retention would have been 37.7%.

District Characteristics	District 1	District 2	District 3	District 4	District 5	District 6	District 7
Total Population	717,974	717,995	717,366	718,346	717,487	717,952	717,159
Core Retention (compared to 2023 Plan) ^	57.9%	48.9%	22.8%	83.3%	70.0%	42.6%	50.8%
Compactness: Reock Score	0.16	0.20	0.40	0.44	0.27	0.37	0.56
Compactness: Polsby-Popper Score	0.14	0.10	0.10	0.16	0.29	0.24	0.33
Compactness: Population Polygon Score	0.86	0.77	0.72	0.48	0.96	0.47	0.87
Black Voting Age Population	34.0%	18.8%	47.3%	15.8%	20.3%	4.9%	40.0%

Moriarty Plan 1 Election Performance Analysis

The percentage below is the margin of victory or defeat of the Black-preferred candidate (equal to the vote count for the Black-preferred candidate minus the vote count for the other top-vote getting candidate, divided by the total number of votes of those two candidates, excluding third-party or "other" votes). The average is a simple average (equally weighted) of all unique election contests without duplicates; in the event of a duplicate, the Legislature's data was used.

Election Contest	District 1	District 2	District 3	District 4	District 5	District 6	District 7
Average	-11.4%	-48.9%	**9.5%**	-51.2%	-24.4%	-64.2%	**7.4%**
Count (out of 17 contests)	1	0	**14**	0	1	0	**13**
Data Supplied by the Legislature (Dr. Trey Hood)							
2017 U.S. Senate	**15.2%**	-25.6%	**33.2%**	-26.5%	**5.3%**	-47.0%	**36.5%**
2018 Attorney General	-2.6%	-40.8%	**16.1%**	-44.3%	-16.4%	-57.5%	**14.3%**
2018 Auditor	-6.2%	-44.4%	**13.5%**	-47.7%	-18.6%	-62.3%	**11.3%**
2018 Governor	-2.3%	-44.5%	**10.6%**	-44.6%	-17.8%	-58.5%	**15.6%**
2018 Lt. Governor	-7.3%	-45.9%	**11.6%**	-49.1%	-21.1%	-64.3%	**10.2%**
2018 Secretary of State	-7.7%	-45.4%	**12.0%**	-48.9%	-19.7%	-63.6%	**10.8%**
2020 President	-12.2%	-48.3%	**11.8%**	-51.5%	-22.0%	-70.0%	**10.7%**
2020 U.S. Senate	-6.4%	-41.6%	**15.2%**	-46.6%	-15.5%	-63.6%	**14.7%**
2022 Attorney General	-22.0%	-59.3%	-0.5%	-59.6%	-33.2%	-78.0%	**1.5%**
2022 Governor	-24.4%	-62.6%	-3.5%	-62.4%	-39.2%	-80.7%	-1.6%
2022 Secretary of State	-21.0%	-60.0%	**0.5%**	-60.3%	-33.4%	-78.5%	**2.1%**
2022 U.S. Senate	-23.1%	-60.8%	-1.0%	-59.9%	-34.5%	-78.4%	**1.2%**
Data Supplied by the Milligan Plaintiffs (Dr. Baodong Liu)							
2014 Auditor	-13.2%	-48.7%	**5.2%**	-51.1%	-29.8%	-50.0%	-6.6%
2014 Lt. Governor	-17.2%	-50.0%	**10.6%**	-53.7%	-33.2%	-45.5%	-3.3%
2014 Secretary of State	-17.6%	-50.2%	**11.3%**	-57.2%	-34.6%	-53.8%	-5.2%
2018 Auditor	-6.2%	-44.4%	**13.8%**	-47.5%	-18.6%	-62.3%	**11.3%**
2018 Lt. Governor	-7.3%	-45.9%	**11.8%**	-48.8%	-21.0%	-64.3%	**10.2%**
2018 Pub. Serv. Comm'n	-6.1%	-44.7%	**13.9%**	-47.6%	-18.6%	-62.7%	**11.8%**
2020 President	-9.9%	-47.5%	**8.4%**	-50.3%	-21.9%	-69.4%	**10.0%**
2022 Supreme Court	-20.7%	-58.4%	**1.2%**	-58.8%	-32.0%	-76.7%	**1.5%**
2022 Attorney General	-21.9%	-59.3%	-0.2%	-59.7%	-33.2%	-78.0%	**1.4%**
2022 Governor	-24.3%	-62.7%	-3.2%	-62.5%	-39.2%	-80.7%	-1.8%
2022 Secretary of State	-21.0%	-60.1%	**0.7%**	-60.4%	-33.4%	-78.5%	**2.0%**
2022 U.S. Senate	-23.1%	-60.8%	-0.8%	-60.1%	-34.5%	-78.3%	**1.1%**

Lauderdale
Limestone
Madison
Jackson
Colbert
5
Lawrence
Morgan
Franklin
Marshall
DeKalb
6
Cherokee
Marion
Winston
Cullman
Etowah
Blount
Lamar
Fayette
Walker
Jefferson
St. Clair
Calhoun
Cleburne
7
4
Randolph
Pickens
Tuscaloosa
Shelby
Clay
1
Greene
Bibb
Coosa
Tallapoosa
Chambers
Hale
Chilton
Perry
Elmore
Lee
Sumter
Autauga
Dallas
Macon
Russell
Marengo
Montgomery
Lowndes
Bullock
Choctaw
Wilcox
Barbour
Pike
3
Butler
Crenshaw
Clarke
Monroe
Henry
Coffee
Dale
Washington
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Blount
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Jefferson
St. Clair
Calhoun
Cleburne
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Pickens
Tuscaloosa
Shelby
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