



THE FLORIDA SENATE

COMMITTEE ON REAPPORTIONMENT

Location

103 Senate Office Building

Mailing Address

404 South Monroe Street
Tallahassee, Florida 32399-1100
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Professional Staff: John Guthrie, *Staff Director*

Senate's Website: www.flsenate.gov

MEMORANDUM

To: President Don Gaetz, All Senators
From: Senator Bill Galvano, Chair of the Senate Reapportionment Committee
Subject: Amendment to Senate Bill 2-A
Date: August 7, 2014

This afternoon I filed an amendment to SB 2-A as a proposed remedy to address the concerns raised by Judge Lewis in *Romo v. Detzner*.

I previously indicated I would be directing our Senate Redistricting staff to work with our legal counsel and collaboratively with their House counterparts to develop a proposed remedial plan. On Wednesday, August 6, 2014, Chairman Corcoran and I met with our staffs and counsel to develop the plan I filed today.

To begin the process, we reviewed and discussed the trial court's July 10 and August 1 orders. Reviewing those orders, Judge Lewis described the noncompactness of CD 5 and the serpentine appearance of that district. Additionally, the trial court took issue with an appendage to CD 10 that was drawn as a means to create a Hispanic opportunity district in CD 9. To comply with the court's order, we directed staff to take action in four areas:

1. Remove Sanford from CD 5;
2. Based on the court's ruling discussing the noncompactness and shape of CD 5, work on improving the visual and mathematical compactness of CD 5;
3. Remove the appendage from CD 10 into Orange County that separated CD 5 and 9;
4. When making these changes and equalizing population in surrounding districts, work on maintaining or improving the compactness of the surrounding impacted districts and, where feasible, to follow political and geographical boundaries, keeping cities and counties whole.

I believe the map we have filed today accomplishes this purpose.

President Don Gaetz, All Senators
August 7, 2014
Page 2

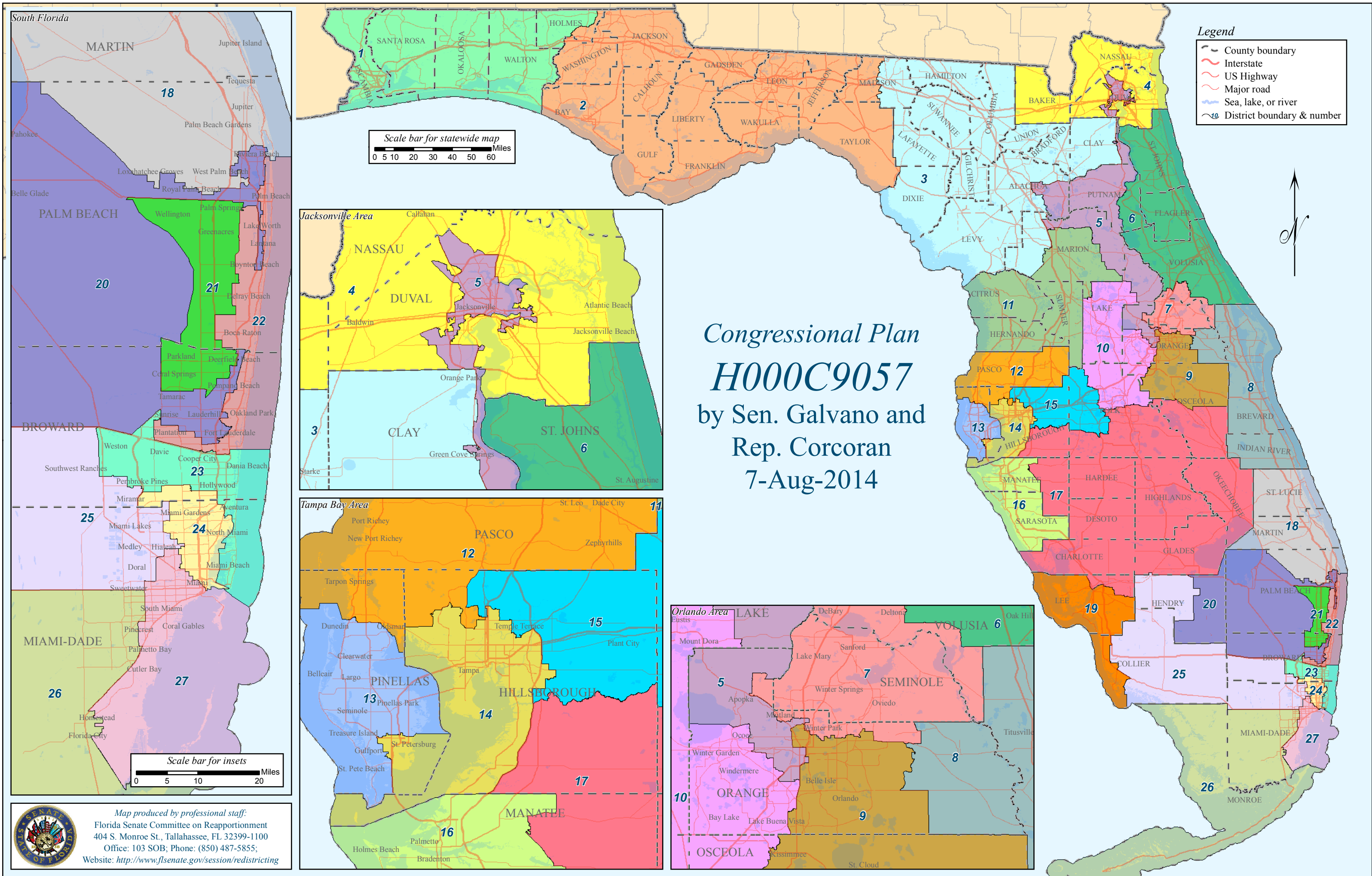
The new version of CD 5 accomplishes the directive I gave to our staff. It removes Sanford from the district and is more visually and mathematically compact. It has Reock score that is better than 9047 (.13 versus .09). It has Reock score that is better than the proposed Romo and LOWV remedial plans (.13 versus .12). The new version of CD 5 better utilizes county and geographical boundaries like the St John's River as a significant portion of the districts eastern border.

Although the new version of CD 5 reduces the BVAP from 49.9 percent in the benchmark to 48.11 percent the district would still afford CD 5's minority population the opportunity to elect a candidate of its choice.

In fulfilling that direction, the proposed plan would also remove the appendage from CD 10, making that district visually more compact and improving the compactness scores of that district. The new district would have a Reock score of .42 (compared to .39 in 9047) and a convex hull score of .83 (compared to .73 in 9047).

Additionally, despite the significant population shifts to comply with the courts order, we improved the visual and mathematical compactness for CD 6, 7, 9, 11 and 17 as an outgrowth of the underlying changes to CD 5 and 10.

I offer this amendment for your consideration and welcome your input, suggestions, and advice on the best manner in which to comply with the trial court's order and fulfill our constitutional obligations.



Census and Geometric Compactness Attributes

Dist.	2010 Census Population and Geography									
	Pop. Dev.	Black VAP	Hisp. VAP	Hisp.Blk VAP	Length (miles)	Perim (miles)	Area (sq.mi)	Reock	Convex Hull	Polsby-Popper
Total	1				2164.6	7735.3	65,757.2	0.40	0.73	0.32
1	0	13.19%	4.55%	0.26%	127	397	4,759	0.37	0.82	0.38
2	0	23.83%	4.75%	0.31%	167	550	10,076	0.46	0.78	0.42
3	0	13.25%	6.99%	0.34%	132	520	7,864	0.57	0.79	0.37
4	0	12.91%	6.72%	0.44%	77	450	2,103	0.45	0.73	0.13
5	0	48.11%	10.29%	1.02%	143	583	2,031	0.13	0.42	0.08
6	0	9.00%	5.89%	0.27%	111	331	2,908	0.30	0.79	0.33
7	0	10.87%	17.39%	0.95%	34	141	569	0.61	0.85	0.36
8	-1	9.12%	7.66%	0.39%	95	271	2,412	0.34	0.76	0.41
9	-1	11.23%	38.37%	2.24%	52	183	1,056	0.51	0.81	0.39
10	0	12.21%	16.89%	0.78%	70	253	1,584	0.42	0.83	0.31
11	0	7.72%	7.38%	0.38%	83	316	2,722	0.50	0.73	0.34
12	-1	4.34%	9.94%	0.38%	58	184	1,068	0.40	0.81	0.40
13	0	5.29%	7.24%	0.27%	34	110	418	0.46	0.82	0.43
14	0	25.63%	25.61%	1.62%	43	162	523	0.36	0.69	0.25
15	0	12.72%	14.99%	0.74%	50	204	875	0.44	0.75	0.26
16	0	5.83%	8.76%	0.28%	60	178	1,193	0.42	0.81	0.47
17	0	8.34%	14.35%	0.44%	124	505	7,751	0.64	0.83	0.38
18	-1	11.07%	12.05%	0.45%	69	224	1,891	0.50	0.82	0.47
19	0	6.47%	14.83%	0.47%	83	238	1,367	0.25	0.70	0.30
20	0	50.06%	18.54%	1.18%	84	393	2,698	0.48	0.74	0.22
21	0	11.23%	18.29%	0.65%	34	112	264	0.28	0.60	0.26
22	0	10.33%	17.72%	0.56%	50	187	360	0.18	0.61	0.13
23	0	10.99%	36.73%	1.21%	37	124	283	0.27	0.57	0.23
24	0	54.92%	33.15%	3.25%	20	73	120	0.38	0.73	0.28
25	-1	7.70%	70.69%	1.75%	103	365	3,383	0.40	0.73	0.32
26	0	10.02%	68.91%	1.47%	184	551	4,900	0.18	0.46	0.20
27	0	7.71%	75.04%	2.23%	40	130	578	0.46	0.81	0.43

Political Subdivision Boundaries

District lines and City and County Boundaries	Benchmark (2002 Congress)	New/proposed plan and % change from 2002	
Number of Counties	67	67	0%
Counties with only one district	37	46	24%
Counties split into more than one district	30	21	-30%
Aggregate number of county splits	83	61	-27%
Aggregate number of county splits with population	83	61	-27%
Number of Cities	410	410	0%
Cities with only one district	300	382	27%
Cities split into more than one district	110	28	-75%
Aggregate number of city splits	254	66	-74%
Aggregate number of city splits with population	244	65	-73%

Election Attributes for Functional Analysis of District 5

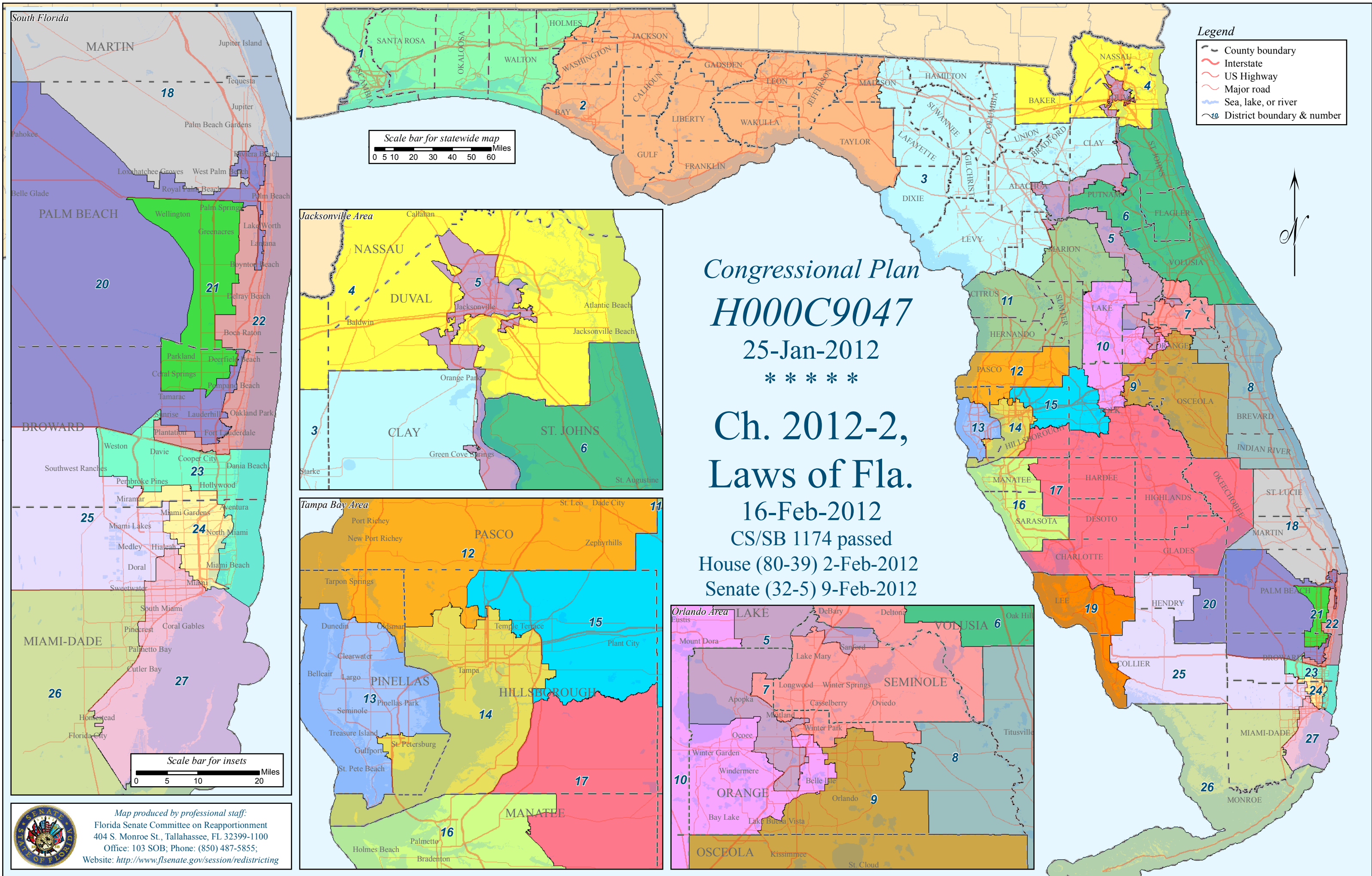
Dist.	2012 US Pres		2012 US Sen		2010 Gov		2010 CFO		2010 Att.Gen		2010 Cm.Ag		2010 US Sen			2008 US Pres		2006 Gov		2006 CFO		2006 Att.Gen		2006 Cm.Ag		2006 US Sen	
Total	D_Oba	R_Rom	D_Nel	R_Mac	D_Sin	R_Sco	D_Aus	R_Atw	D_Gel	R_Bon	D_Mad	R_Put	D_Mee	R_Rub	I_Cri	D_Oba	R_McC	D_Dav	R_Cri	D_Sin	R_Lee	D_Cam	R_McC	D_Cop	R_Bro	D_Nel	R_Har
5	69.3%	30.7%	73.4%	26.6%	65.2%	34.8%	60.7%	39.3%	61.8%	38.2%	61.4%	38.6%	46.7%	35.0%	18.3%	68.9%	31.1%	58.1%	41.9%	65.0%	35.0%	57.4%	42.6%	56.1%	43.9%	69.8%	30.2%

2012 Voter Registration and Turnout Attributes for Functional Analysis of District 5

	2012 General Election Registered Voters												2012 General Election Voter Turnout											
Dist.	RV who are:			RV who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Voters who are:			Voters who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:	
	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps
5	60.2%	20.9%	18.9%	47.6%	6.4%	68.0%	5.4%	6.6%	4.9%	86.1%	50.6%	16.1%	62.8%	22.4%	14.8%	49.9%	5.1%	70.7%	4.3%	5.2%	4.0%	89.0%	53.0%	17.7%

2010 Voter Registration and Turnout Attributes for Functional Analysis of District 5

	2010 General Election Registered Voters												2010 General Election Voter Turnout												2010 Primary Turnout		
Dist.	RV who are:			RV who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Voters who are:			Voters who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Dems who are:		Reps who
	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	Black	Hisp	are Hisp.
5	60.1%	22.0%	17.9%	45.1%	5.8%	65.3%	4.9%	6.3%	4.6%	86.9%	51.0%	17.4%	60.6%	28.5%	10.9%	43.7%	3.3%	66.2%	2.8%	3.6%	2.9%	92.0%	52.0%	25.4%	64.1%	1.9%	2.0%



Map produced by professional staff:
 Florida Senate Committee on Reapportionment
 404 S. Monroe St., Tallahassee, FL 32399-1100
 Office: 103 SOB; Phone: (850) 487-5855;
 Website: <http://www.flsenate.gov/session/redistricting>

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Dist.	Pop. Dev.	Black VAP	Hisp. VAP	Hisp.Blk VAP	Length (miles)	Perim (miles)	Area (sq.mi)	Reock	Convex Hull	Polsby- Popper
Total	1				2179.0	8120.3	65,757.2	0.40	0.72	0.30
1	0	13.19%	4.55%	0.26%	127	397	4,759	0.37	0.82	0.38
2	0	23.83%	4.75%	0.31%	167	550	10,076	0.46	0.78	0.42
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4	0	12.91%	6.72%	0.44%	77	450	2,103	0.45	0.73	0.13
5	0	50.06%	11.08%	1.10%	144	707	1,536	0.09	0.29	0.04
6	0	9.02%	5.69%	0.25%	111	396	3,198	0.33	0.72	0.26
7	0	9.03%	16.97%	0.89%	35	184	578	0.60	0.77	0.21
8	-1	9.12%	7.66%	0.39%	95	271	2,412	0.34	0.76	0.41
9	0	12.40%	41.39%	2.34%	71	274	1,908	0.48	0.80	0.32
10	0	11.14%	14.20%	0.69%	67	298	1,400	0.39	0.73	0.20
11	0	7.73%	7.38%	0.38%	87	334	2,911	0.49	0.71	0.33
12	-1	4.34%	9.94%	0.38%	58	184	1,068	0.40	0.81	0.40
13	0	5.29%	7.24%	0.27%	34	110	418	0.46	0.82	0.43
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17	-1	8.36%	14.35%	0.44%	116	504	7,092	0.67	0.82	0.35
18	-1	11.07%	12.05%	0.45%	69	224	1,891	0.50	0.82	0.47
19	0	6.47%	14.83%	0.47%	83	238	1,367	0.25	0.70	0.30
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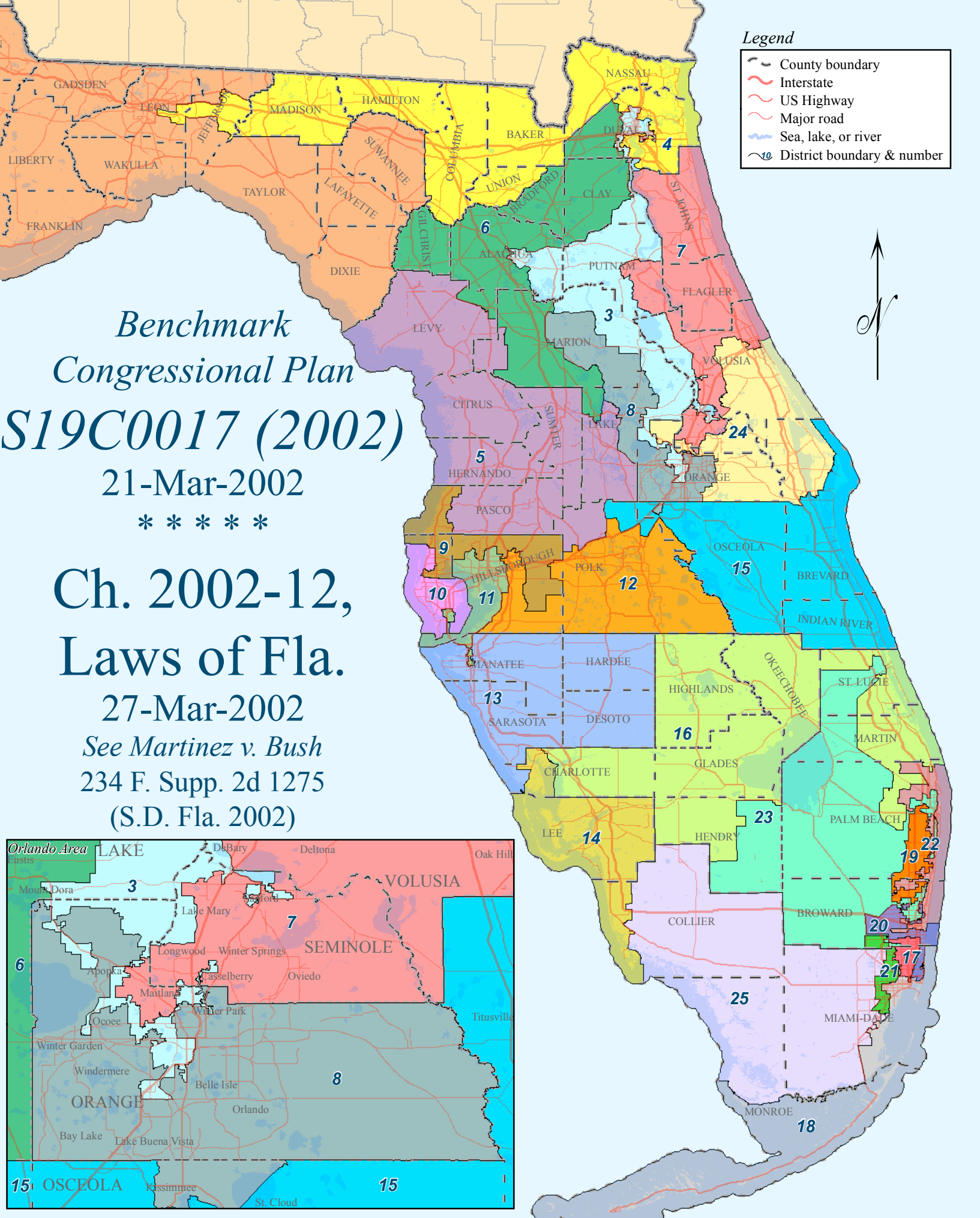
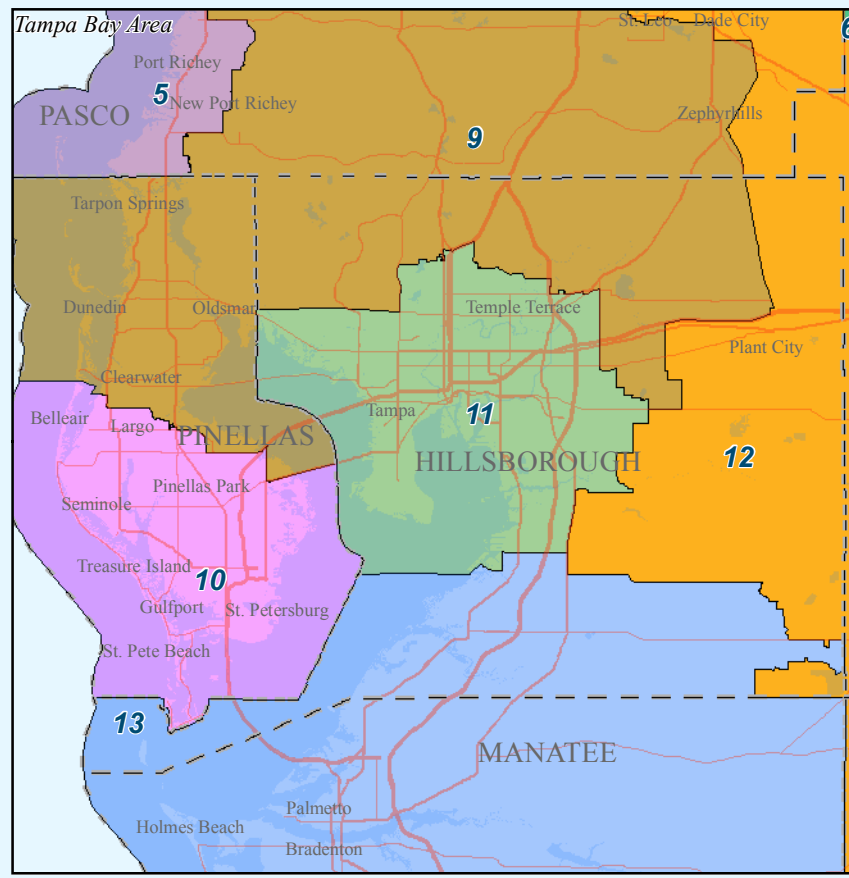
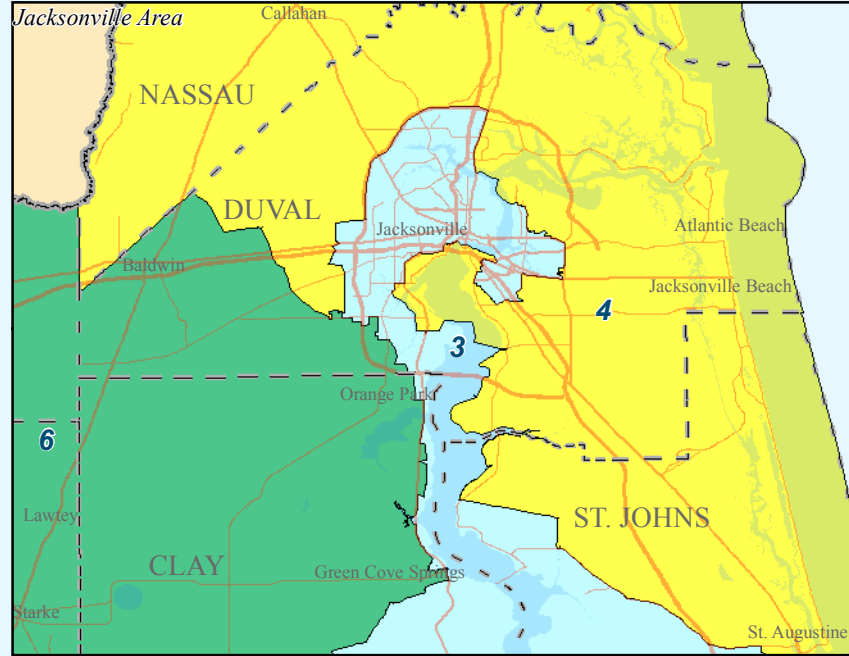
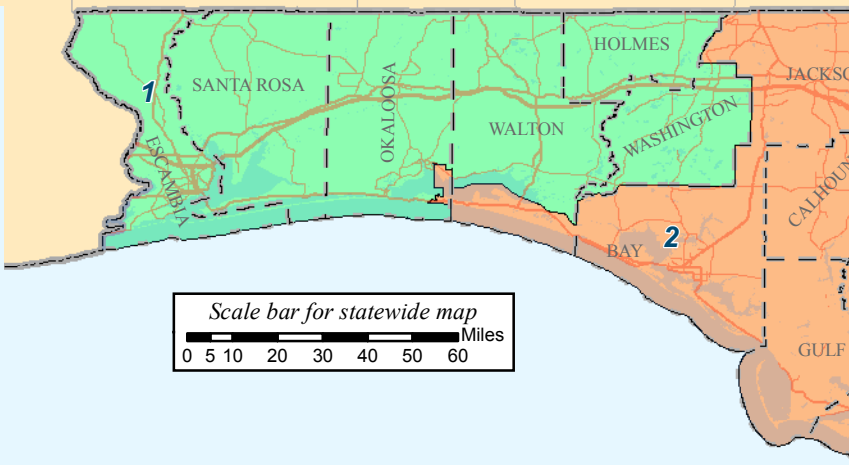
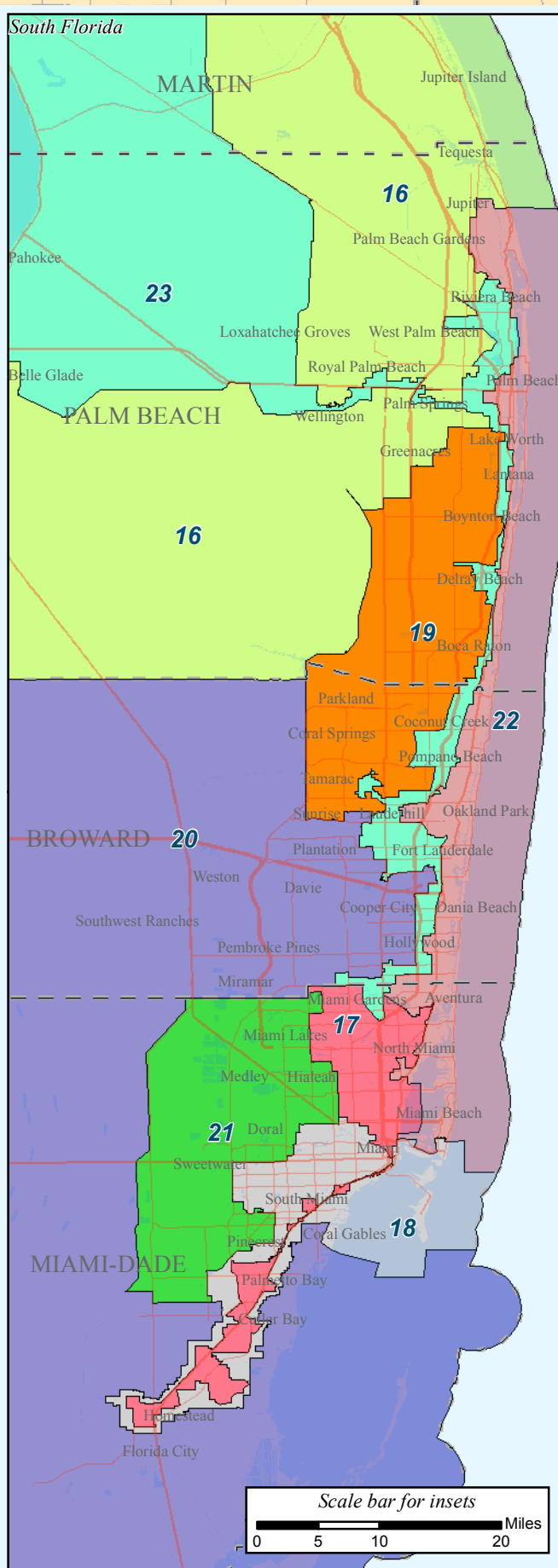
Dist.	2012 US Pres		2012 US Sen		2010 Gov		2010 CFO		2010 Att.Gen		2010 Cm.Ag		2010 US Sen			2008 US Pres		2006 Gov		2006 CFO		2006 Att.Gen		2006 Cm.Ag		2006 US Sen	
Total	D_Oba	R_Rom	D_Nel	R_Mac	D_Sin	R_Sco	D_Aus	R_Atw	D_Gel	R_Bon	D_Mad	R_Put	D_Mee	R_Rub	I_Cri	D_Oba	R_McC	D_Dav	R_Cri	D_Sin	R_Lee	D_Cam	R_McC	D_Cop	R_Bro	D_Nel	R_Har
5	71.6%	28.4%	75.2%	24.8%	67.2%	32.8%	62.8%	37.2%	63.7%	36.3%	63.7%	36.3%	48.7%	33.1%	18.2%	71.0%	29.0%	59.4%	40.6%	66.1%	33.9%	58.5%	41.5%	57.5%	42.5%	70.8%	29.2%

2012 Voter Registration and Turnout Attributes for Functional Analysis of District 5

	2012 General Election Registered Voters												2012 General Election Voter Turnout											
Dist.	RV who are:			RV who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Voters who are:			Voters who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:	
	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps
5	61.0%	20.0%	19.0%	49.6%	6.9%	70.0%	5.8%	7.2%	5.3%	86.0%	50.7%	15.4%	63.7%	21.4%	14.9%	52.1%	5.5%	72.7%	4.6%	5.6%	4.3%	89.0%	53.1%	16.8%

2010 Voter Registration and Turnout Attributes for Functional Analysis of District 5

	2010 General Election Registered Voters												2010 General Election Voter Turnout												2010 Primary Turnout		
Dist.	RV who are:			RV who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Voters who are:			Voters who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Dems who are:		Reps who
	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	Black	Hisp	are Hisp.
5	60.7%	21.2%	18.1%	47.2%	6.3%	67.5%	5.3%	6.9%	5.0%	86.8%	50.9%	16.8%	61.5%	27.6%	11.0%	46.1%	3.5%	68.9%	3.0%	4.0%	3.1%	91.9%	52.1%	24.6%	67.3%	1.9%	2.1%



*Benchmark
Congressional Plan
S19C0017 (2002)
21-Mar-2002

Ch. 2002-12,
Laws of Fla.
27-Mar-2002
See Martinez v. Bush
234 F. Supp. 2d 1275
(S.D. Fla. 2002)*

Census and Geometric Compactness Attributes

2010 Census Population and Geography										
Dist.	Pop. Dev.	Black VAP	Hisp. VAP	Hisp.Blk VAP	Length (miles)	Perim (miles)	Area (sq.mi)	Reock	Convex Hull	Polsby- Popper
Total	295,644				2440.3	10064.6	65,757.2	0.30	0.63	0.18
1	-2,187	13.91%	4.44%	0.26%	132	440	5,241	0.38	0.85	0.34
2	41,174	21.71%	5.01%	0.29%	224	865	11,143	0.28	0.63	0.19
3	-37,290	49.87%	10.57%	1.06%	141	675	2,097	0.14	0.42	0.06
4	48,073	14.64%	6.40%	0.41%	174	739	4,369	0.18	0.56	0.10
5	233,188	6.12%	9.11%	0.41%	120	446	4,801	0.43	0.77	0.30
6	116,382	13.83%	7.92%	0.44%	120	527	3,025	0.26	0.53	0.14
7	116,097	9.77%	9.84%	0.52%	114	430	2,223	0.22	0.64	0.15
8	109,263	10.63%	23.86%	1.26%	86	337	1,159	0.20	0.56	0.13
9	57,204	5.66%	11.73%	0.48%	59	284	800	0.29	0.47	0.12
10	-62,456	5.19%	6.48%	0.25%	38	149	449	0.40	0.79	0.25
11	-22,546	26.78%	25.84%	1.62%	45	204	460	0.28	0.55	0.14
12	145,854	15.32%	18.06%	0.89%	85	361	2,098	0.37	0.76	0.20
13	61,460	4.92%	9.63%	0.25%	86	290	2,948	0.51	0.87	0.44
14	162,611	6.08%	13.85%	0.44%	95	288	1,718	0.24	0.68	0.26
15	117,225	9.47%	17.83%	0.99%	110	424	3,251	0.34	0.63	0.23
16	101,366	8.73%	13.83%	0.45%	133	616	5,250	0.38	0.61	0.17
17	-41,185	57.73%	29.13%	2.99%	17	69	99	0.40	0.80	0.26
18	16,445	7.81%	67.18%	2.31%	206	653	3,196	0.10	0.36	0.09
19	40,074	11.86%	18.64%	0.68%	38	191	234	0.21	0.64	0.08
20	-4,618	12.33%	30.20%	0.97%	31	197	218	0.28	0.46	0.07
21	-2,844	9.22%	77.12%	2.07%	30	113	140	0.20	0.53	0.14
22	-2,086	6.89%	14.75%	0.46%	65	379	499	0.15	0.46	0.04
23	-12,238	53.99%	17.84%	1.15%	111	605	3,703	0.38	0.64	0.13
24	102,888	8.81%	14.60%	0.74%	67	334	1,912	0.54	0.72	0.22
25	110,831	10.33%	72.22%	1.58%	113	450	4,724	0.47	0.80	0.29

Political Subdivision Boundaries

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Election Attributes for Functional Analysis of District 3

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Total	D_Oba	R_Rom	D_Nel	R_Mac	D_Sin	R_Sco	D_Aus	R_Atw	D_Gel	R_Bon	D_Mad	R_Put	D_Mee	R_Rub	I_Cri	D_Oba	R_McC	D_Dav	R_Cri	D_Sin	R_Lee	D_Cam	R_McC	D_Cop	R_Bro	D_Nel	R_Har
3	71.5%	28.5%	75.2%	24.8%	67.3%	32.7%	63.0%	37.0%	63.9%	36.1%	63.7%	36.3%	48.8%	32.7%	18.5%	71.2%	28.8%	60.3%	39.7%	66.9%	33.1%	59.3%	40.7%	58.2%	41.8%	71.4%	28.6%

2012 Voter Registration and Turnout Attributes for Functional Analysis of District 3

	2012 General Election Registered Voters												2012 General Election Voter Turnout											
Dist.	RV who are:			RV who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Voters who are:			Voters who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:	
	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps
3	61.8%	19.5%	18.8%	49.5%	6.5%	69.1%	5.4%	7.2%	5.0%	86.3%	51.0%	15.1%	64.5%	20.9%	14.6%	51.8%	5.1%	71.7%	4.3%	5.7%	4.0%	89.2%	53.7%	16.4%

2010 Voter Registration and Turnout Attributes for Functional Analysis of District 3

	2010 General Election Registered Voters												2010 General Election Voter Turnout												2010 Primary Turnout		
Dist.	RV who are:			RV who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Voters who are:			Voters who are:		Dems who are:		Reps who are:		Blks who	Hisp. who are:		Dems who are:		Reps who
	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	NPA-Oth	Black	Hisp.	Black	Hisp.	Black	Hisp.	Black	Hisp.	are Dems	Dems	Reps	Black	Hisp	are Hisp.
3	61.6%	20.6%	17.8%	47.0%	5.9%	66.4%	5.0%	6.9%	4.7%	87.1%	51.6%	16.4%	62.5%	26.9%	10.6%	45.6%	3.2%	67.2%	2.7%	3.9%	2.9%	92.3%	52.9%	23.9%	65.5%	1.7%	1.9%