

The Florida Senate

COMMITTEE MEETING EXPANDED AGENDA

REAPPORTIONMENT
Senator Rodrigues, Chair
Senator Broxson, Vice Chair

MEETING DATE: Monday, October 11, 2021
TIME: 3:00—6:00 p.m.
PLACE: Pat Thomas Committee Room, 412 Knott Building

MEMBERS: Senator Rodrigues, Chair; Senator Broxson, Vice Chair; Senators Bean, Bracy, Bradley, Burgess, Gibson, Harrell, Rodriguez, Rouson, Stargel, and Stewart

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
1	Walkthrough of www.floridaredistricting.gov		Presented
2	Introduction to Redistricting Law		Presented
3	2022 Redistricting Application Demonstration		Presented
4	Public Comment		Discussed
Other Related Meeting Documents			



Introduction to Redistricting Law

Prepared for the Florida Senate
Committee on Reapportionment

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October 11, 2021



Overview

- Constitutional Authority and Legislative Procedures for Redistricting
- Federal Redistricting Requirements
- Florida Redistricting Requirements

Constitutional Authority and Legislative Procedures for Redistricting

Constitutional Authority and Legislative Procedures for Redistricting

- Congressional Redistricting Authority
- Legislative Redistricting Authority
- Procedures for Adopting Redistricting Plans

Constitutional Authority and Legislative Procedures for Redistricting

Congressional Redistricting Authority

Legislative Redistricting
Authority

Procedures for Adopting
Redistricting Plans

Congressional Redistricting Authority

“The . . . Manner of holding Elections for . . .
Representatives, shall be prescribed in each State by the
Legislature thereof . . .”

Art. I, § 4, U.S. Const.

Constitutional Authority and Legislative Procedures for Redistricting

Congressional Redistricting
Authority

**Legislative Redistricting
Authority**

Procedures for Adopting
Redistricting Plans

Legislative Redistricting Authority

“The Legislature at its regular session in the second year following each decennial census . . . shall apportion the state . . . into not less than thirty nor more than forty consecutively numbered senatorial districts . . . and into not less than eighty nor more than one hundred twenty consecutively numbered representative districts . . .”

Art. III, § 16(a), Fla. Const.

Constitutional Authority and Legislative Procedures for Redistricting

Congressional Redistricting
Authority

Legislative Redistricting
Authority

**Procedures for Adopting
Redistricting Plans**

Procedures for Adopting Congressional Redistricting Plans

- Congressional districts are formally established through amendments to Chapter 8 of the Florida Statutes.
- A bill establishing congressional districts is subject to the constitutional requirements that apply to all legislation, including passage by a majority vote in each house and executive approval/veto. Art. III, § 8(c), Fla. Const.

Constitutional Authority and Legislative Procedures for Redistricting

Congressional Redistricting
Authority

Legislative Redistricting
Authority

Procedures for Adopting
Redistricting Plans

8.0002 Division of state into congressional districts.—For the election of representatives to the United States House of Representatives, the state is divided into 27 consecutively numbered, single-member congressional districts of contiguous territory, to be designated by such numbers as follows:

(1) District 1 is composed of:

(a) All of Escambia County.

(b) All of Okaloosa County.

(c) All of Santa Rosa County.

(d) All of Walton County.

(e) That part of Holmes County consisting of:

1. All of voting tabulation districts 1, 2, 3, 4, and 5.

2. That part of voting tabulation district 6 consisting of:

a. That part of tract 9601 consisting of blocks 1023, 1024, 1031, 1032, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1074, 1075, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2023, 2024, 2025, 2026, 2027, 2028, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2105, 2106, 2107, 2108, 2109, and 2110.

b. That part of tract 9603 consisting of blocks 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2131, 2138, 2139, and 2145.

c. That part of tract 9604 consisting of blocks 1008, 1009, 1010, and 2000.

Constitutional Authority and Legislative Procedures for Redistricting

Congressional Redistricting
Authority

Legislative Redistricting
Authority

**Procedures for Adopting
Redistricting Plans**

Procedures for Adopting Legislative Redistricting Plans

- State legislative districts are formally established through amendments to Chapter 10 of the Florida Statutes.
- Unlike congressional districts, legislative redistricting plans are adopted by joint resolution of the Florida Senate and Florida House of Representatives and are not subject to gubernatorial approval. Art. III, § 16(a), Fla. Const.

Constitutional Authority and Legislative Procedures for Redistricting

Congressional Redistricting
Authority

Legislative Redistricting
Authority

**Procedures for Adopting
Redistricting Plans**

Procedures for Adopting Legislative Redistricting Plans

- The Florida Supreme Court conducts a mandatory review of the joint resolution establishing state legislative districts.
- Judicial Review of Apportionment: “Within fifteen days after the passage of the joint resolution of apportionment, the attorney general shall petition the supreme court of the state for a declaratory judgment determining the validity of the apportionment. The supreme court, in accordance with its rules, shall permit adversary interests to present their views and, within thirty days from the filing of the petition, shall enter its judgment.” Art. III, § 16(c), Fla. Const.

Constitutional Authority and Legislative Procedures for Redistricting

Congressional Redistricting
Authority

Legislative Redistricting
Authority

**Procedures for Adopting
Redistricting Plans**

Procedures for Adopting Legislative Redistricting Plans

Florida Supreme Court review (continued)

- Effect of Judgment in Apportionment: “A judgment of the supreme court of the state determining the apportionment to be valid shall be binding upon all the citizens of the state.” Art. III, § 16(d), Fla. Const.
- Extraordinary Apportionment Session: “Should the supreme court determine that the apportionment made by the legislature is invalid, the governor by proclamation shall reconvene the legislature within five days thereafter in extraordinary apportionment session which shall not exceed fifteen days, during which the legislature shall adopt a joint resolution of apportionment conforming to the judgment of the supreme court.” Art. III, § 16(d), Fla. Const.

Constitutional Authority and Legislative Procedures for Redistricting

Congressional Redistricting Authority

Legislative Redistricting Authority

Procedures for Adopting Redistricting Plans

Procedures for Adopting Legislative Redistricting Plans

Florida Supreme Court review (continued)

- Extraordinary Apportionment Session; Review of Apportionment: “Within fifteen days after the adjournment of an extraordinary apportionment session, the attorney general shall file a petition in the supreme court of the state setting forth the apportionment resolution adopted by the legislature, or if none has been adopted reporting that fact to the court.” Art. III, § 16(e), Fla. Const.
- Judicial Reapportionment: “Should an extraordinary apportionment session fail to adopt a resolution of apportionment or should the supreme court determine that the apportionment made is invalid, the court shall, not later than sixty days after receiving the petition of the attorney general, file with the custodian of state records an order making such apportionment.” Art. III, § 16(f), Fla. Const.

Federal Redistricting Requirements

Federal Redistricting Requirements

- United States Constitution
- Voting Rights Act
 - Section 2
 - Section 5

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

United States Constitution

Equality of Population

- Congressional districts must achieve precise mathematical equality of population: +/- one person from ideal population.
- Ideal population for Florida's 28 Congressional Districts: 769,221
- "We hold that, construed in its historical context, the command of Art. I, s. 2, that Representatives be chosen 'by the People of the several States' means that as nearly as is practicable one man's vote in a congressional election is to be worth as much as another's."

Wesberry v. Sanders, 376 U.S. 1 (1964)

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

United States Constitution

Equality of Population

- State legislative districts must achieve substantial equality of population.
- Ideal population for Florida Senate District: 538,455
- Ideal population for Florida House District: 179,485
- “[T]he Equal Protection Clause requires that a State make an honest and good faith effort to construct districts, in both houses of its legislature, as nearly of equal population as is practicable.”

Reynolds v. Sims, 377 U.S. 533 (1964)

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

United States Constitution

Equality of Population

- When drawing state legislative districts, reasonable deviations from mathematical equality are permitted to accommodate traditional districting objectives such as compactness, contiguity, and respect for the boundaries of political subdivisions.
- General rule established by federal precedent on state and local districts:
 - Population deviations of less than 10% are presumptively valid
 - Population deviations greater than 10% are presumptively invalid

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

United States Constitution

Political Gerrymandering Claims

- “Partisan Gerrymandering” challenges involve claims that excessive partisanship in a state’s redistricting plan violates the First Amendment, the Equal Protection Clause, the Elections Clause, or Article I, section 2, of the federal constitution.
- “We conclude that partisan gerrymandering claims present political questions beyond the reach of the federal courts.”

Rucho v. Common Cause, 139 S. Ct. 2484 (2019)

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

United States Constitution

Racial Gerrymandering Claims

- The Equal Protection Clause of the Fourteenth Amendment forbids both:
 - Racial gerrymandering: intentionally assigning citizens to a district on the basis of race without sufficient justification; AND
 - Intentional vote dilution: invidiously minimizing or canceling out the voting potential of racial or ethnic minorities.

Abbott v. Perez, 138 S. Ct. 2305 (2018)

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

United States Constitution

Racial Gerrymandering Claims

- If race is the “predominant factor” motivating the legislature’s decision to place a significant number of voters within or without a particular district, the district must be narrowly tailored to achieve a compelling interest.
- The Supreme Court has assumed, without deciding, that states have a “compelling interest” in complying with the Voting Rights Act.
- The “narrow tailoring” requirement is satisfied if a legislature has “good reasons to believe” it must use race to comply with the Voting Rights Act.

Bethune-Hill v. Virginia State Bd. of Elections, 137 S. Ct. 788 (2017)

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

Voting Rights Act

- The Voting Rights Act of 1965 was adopted to combat discriminatory practices in voting and elections and to enhance minority registration and participation.
- Two principal provisions of the Voting Rights Act are at issue in redistricting cases: Section 2 and Section 5

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

Voting Rights Act: Section 2

- Permanent provision of the Voting Rights Act, applicable nationwide.
- Prohibits a state from enacting a districting plan that provides “less opportunity” for racial minorities “to elect representatives of their choice.”

42 U.S.C. § 1973

- Designed to protect minority voters from practices that improperly weaken or dilute minority voting strength.
 - “Cracking” and “Packing” – the dispersal of a protected class of voters into districts in which they constitute an “ineffective minority” of voters or from the concentration of those voters into districts where they constitute an “excessive majority.”
- Under certain circumstances, states must draw “opportunity districts” in which minority groups form “effective majorities.”

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

Voting Rights Act: Section 2

Section 2 protects any group of minority voters:

1. That satisfies the three *Gingles factors*:

- a geographically compact minority population sufficient to constitute a majority in a single-member district;
- political cohesion among the members of the minority group; and
- bloc voting by the majority to defeat the minority's preferred candidate.

AND

2. Whose members, under the totality of the circumstances, have less opportunity to participate in the political process and elect representatives of their choice.

Thornberg v. Gingles, 478 U.S. 30 (1986)

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

Voting Rights Act: Section 2

- Section 2's vote-dilution provisions do not extend to minority groups that are too small to comprise a numerical majority in a single-member district.

Bartlett v. Strickland, 556 U.S. 1 (2009)

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

Voting Rights Act: Section 5

- Temporary measure applicable only in “covered jurisdictions” identified under a statutory formula based on voting practices, turnout, and voter registration rates in 1964.
 - In Florida, Collier, Hardee, Hendry, Hillsborough, and Monroe Counties added as covered jurisdictions in 1975 based on the addition of language minority group protections.
 - Prohibits a covered jurisdiction from adopting any change that “has the purpose of or will have the effect of diminishing the ability of [the minority group] to elect their preferred candidates of choice.”
- 42 U.S.C. § 1973c
- Before any change in voting procedures could be enforced in a covered jurisdiction, the change must be approved by the Department of Justice or a three-judge federal district court in a process known as “preclearance.”

Federal Redistricting Requirements

United States Constitution

Voting Rights Act

Section 2

Section 5

Voting Rights Act: Section 5

- In *Shelby County v. Holder*, 570 U.S. 529 (2013), the Supreme Court found Section 4's coverage formula unconstitutional, as it was based on "decades-old data" regarding literacy tests and low voter registration and turnout in the 1960s and early 1970s.
- The coverage formula failed to reflect "current conditions" when it was extended for 25 years without amendment in 2006.
- As a result, the Section 4 formula adopted in the 1960s and 1970s cannot be used as a basis for subjecting jurisdictions to preclearance.
- Congress has not adopted a new coverage formula based on current conditions.

Florida Redistricting Requirements

Florida Redistricting Requirements

- Constitutional Standards for Establishing Congressional and Legislative District Boundaries
- Tier-One Standards
- Tier-Two Standards

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Tier-Two Standards

Constitutional Standards for Congressional and Legislative District Boundaries

- “The Legislature . . . shall apportion the state in accordance with the constitution of the state and of the United States into not less than thirty nor more than forty consecutively numbered senatorial districts of either contiguous, overlapping or identical territory, and into not less than eighty nor more than one hundred twenty consecutively numbered representative districts of either contiguous, overlapping or identical territory.”

Art. III, § 16(a), Fla. Const.

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

Minority Voting
Protection

Contiguity

Tier-Two Standards

Constitutional Standards for Establishing District Boundaries

(a) “No apportionment plan or individual district shall be drawn with the intent to favor or disfavor a political party or an incumbent; and districts shall not be drawn with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice; and districts shall consist of contiguous territory.”

(b) “Unless compliance with the standards in this subsection conflicts with the standards in subsection 1(a) or with federal law, districts shall be as nearly equal in population as is practicable; districts shall be compact; and districts shall, where feasible, utilize existing political and geographical boundaries.”

(c) “The order in which the standards within subsections 1(a) and (b) of this section are set forth shall not be read to establish any priority of one standard over the other within that subsection.”

Art. III, §§ 20, 21, Fla. Const.

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

Minority Voting
Protection

Contiguity

Tier-Two Standards

Tier-One Standards

- “No apportionment plan or individual district shall be drawn with the intent to favor or disfavor a political party or an incumbent; and districts shall not be drawn with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice; and districts shall consist of contiguous territory.”

Art. III, §§ 20(a), 21(a), Fla. Const.

- Tier One encompasses three requirements:
 - A prohibition against drawing a plan or district with the intent to favor or disfavor a political party or an incumbent;
 - A prohibition against drawing districts with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice; and
 - Districts shall consist of contiguous territory.
- In the event of a conflict with the requirements of Tier Two, the Tier One requirements have priority.
- The order in which the Tier One standards are set out in the Florida Constitution does not establish any priority among the standards within the tier.

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

**Intent to Favor or
Disfavor a Political
Party or an Incumbent**

Minority Voting
Protection

Contiguity

Tier-Two Standards

Tier-One Standards

“No apportionment plan or individual district shall be drawn with the intent to favor or disfavor a political party or an incumbent”

- Unlike the federal constitution, the Florida Constitution expressly prohibits drawing a plan or district with the intent to favor or disfavor a political party or incumbent.
- Prohibition applies both to the apportionment plan as a whole and to each district individually.

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

**Intent to Favor or
Disfavor a Political
Party or an Incumbent**

Minority Voting
Protection

Contiguity

Tier-Two Standards

Tier-One Standards

“No apportionment plan or individual district shall be drawn with the intent to favor or disfavor a political party or an incumbent”

- The Florida Supreme Court has held that Florida’s constitutional provision “prohibits intent, not effect” because “any redrawing of lines, regardless of intent, will inevitably have an *effect* on the political composition of a district and likely whether a political party or incumbent is advantaged or disadvantaged.”
- Nonetheless, “there is no acceptable level of improper intent” and “malevolent or evil purpose” is not required to constitute improper intent.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

**Intent to Favor or
Disfavor a Political
Party or an Incumbent**

Minority Voting
Protection

Contiguity

Tier-Two Standards

Tier-One Standards

“No apportionment plan or individual district shall be drawn with the intent to favor or disfavor a political party or an incumbent”

- The Florida Supreme Court examines “direct and circumstantial evidence of intent.”
- “Objective evidence” that could bear on intent includes the shape of district lines and the demographics of an area.
 - In 2012, the Florida Supreme Court reviewed voter registration and elections data, incumbents’ addresses, and demographics.
- Strict compliance with the express terms of the Tier Two redistricting standards may undercut or defeat an assertion of improper intent; disregard of the traditional redistricting principles set out in Tier Two can provide evidence of improper intent.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

**Intent to Favor or
Disfavor a Political
Party or an Incumbent**

Minority Voting
Protection

Contiguity

Tier-Two Standards

Tier-One Standards

“No apportionment plan or individual district shall be drawn with the intent to favor or disfavor a political party or an incumbent”

- Where the shape of a district is relation to the demographics “is so highly irregular and without justification that it cannot be rationally understood as anything other than an effort to favor or disfavor a political party,” improper intent may be inferred.

*In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)*

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

**Intent to Favor or
Disfavor a Political
Party or an Incumbent**

Minority Voting
Protection

Contiguity

Tier-Two Standards

Tier-One Standards

“No apportionment plan or individual district shall be drawn with the intent to favor or disfavor a political party or an incumbent”

- The shape of a district in relation to the legal residence of an incumbent is relevant to the evaluation of intent to favor or disfavor the incumbent.
- “Maneuvering of district lines in order to avoid pitting incumbents against one another in new districts” or “drawing of a new district so as to retain a large percentage of the incumbent’s former district” may demonstrate an intent to favor an incumbent.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

**Intent to Favor or
Disfavor a Political
Party or an Incumbent**

Minority Voting
Protection

Contiguity

Tier-Two Standards

Tier-One Standards

“No apportionment plan or individual district shall be drawn with the intent to favor or disfavor a political party or an incumbent”

- “Mere access to political data cannot presumptively demonstrate prohibited intent” because it “is a necessary component of evaluating whether a minority group has the ability to elect representatives of choice.”

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

**Minority Voting
Protection**

Contiguity

Tier-Two Standards

Tier-One Standards

“[D]istricts shall not be drawn with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice”

- The Florida Constitution imposes two requirements that serve to protect racial and language minority voters in Florida:
 - Prevention of impermissible vote dilution
 - Prevention of impermissible diminishment of a minority group’s ability to elect a candidate of its choice
- These two standards are essentially restatements of Sections 2 and 5 of the Voting Rights Act, respectively.
 - Section 2 relates to claims of impermissible vote dilution
 - Section 5 attempts to eradicate impermissible retrogression in a minority group’s ability to elect a candidate of choice.

*In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)*

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

Minority Voting Protection

Contiguity

Tier-Two Standards

Tier-One Standards

“[D]istricts shall not be drawn with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice”

- The Florida Supreme Court construes the Minority Voting Protection provisions of the Florida Constitution as consistent with the corresponding provisions of the Voting Rights Act, guided by prevailing United States Supreme Court precedent.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

**Minority Voting
Protection**

Contiguity

Tier-Two Standards

Tier-One Standards

“[D]istricts shall not be drawn with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice”

- The anti-vote dilution provisions of the Florida Constitution, like Section 2 of the Voting Rights Act, require the creation of a majority-minority district where the *Gingles* preconditions are satisfied and, if so, whether the “totality of the circumstances” demonstrates that minority voters’ political power is truly diluted.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

**Minority Voting
Protection**

Contiguity

Tier-Two Standards

Tier-One Standards

“[D]istricts shall not be drawn with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice”

- The anti-retrogression provisions of the Florida Constitution provide that the Legislature “cannot eliminate majority-minority districts or weaken other historically performing minority districts where doing so would actually diminish a minority group’s ability to elect its preferred candidates.”
- In addition to majority-minority districts, “coalition” or “crossover” districts that previously provided minority groups with the ability to elect a preferred candidate under the benchmark plan must also be recognized.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

**Minority Voting
Protection**

Contiguity

Tier-Two Standards

Tier-One Standards

“[D]istricts shall not be drawn with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice”

- A “functional analysis” is required to evaluate retrogression and to determine whether a district is likely to perform for minority candidates of choice.
 - Requires consideration of minority population in districts, minority voting-age population in districts, political data, how a minority population group has voted in the past.
 - No “predetermined or fixed demographic percentage” is used at any point in the assessment.
- In certain situations, compactness and other redistricting criteria will be compromised to avoid retrogression.
 - Under the Florida Constitution, Tier Two standards may give way to the extent necessary to avoid retrogression.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

**Minority Voting
Protection**

Contiguity

Tier-Two Standards

Tier-One Standards

“[D]istricts shall not be drawn with the intent or result of denying or abridging the equal opportunity of racial or language minorities to participate in the political process or to diminish their ability to elect representatives of their choice”

- Although Section 5 of the Voting Rights Act applied to only five Florida counties, and is now unenforceable following the United States Supreme Court’s decision in *Shelby County v. Holder*, the Florida Constitution’s prohibition against retrogression in redistricting applies to the entire state and remains enforceable.

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Intent to Favor or
Disfavor a Political
Party or an Incumbent

Minority Voting
Protection

Contiguity

Tier-Two Standards

Tier-One Standards

“[D]istricts shall consist of contiguous territory”

- The Florida Supreme Court has defined contiguity as “being in actual contact: touching along a boundary or at a point.”
- “A district lacks contiguity ‘when a part is isolated from the rest by the territory of another district’ or when the lands ‘mutually touch only at a common corner or right angle.’ ”

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Tier-Two Standards

As Nearly Equal in
Population as Practicable

Compactness

Utilizing Existing Political
and Geographical
Boundaries, Where
Feasible

Tier-Two Standards

- “Unless compliance with the standards in this subsection conflicts with the standards in subsection 1(a) or with federal law, districts shall be as nearly equal in population as is practicable; districts shall be compact; and districts shall, where feasible, utilize existing political and geographical boundaries.”

Art. III, §§ 20(b), 21(b), Fla. Const.

- Tier Two encompasses three requirements:
 - A requirement that districts be as nearly equal in population as is practicable;
 - A requirement that districts be compact; and
 - Where feasible, a requirement that districts use existing political and geographical boundaries.
- The Tier Two requirements are subordinate to both the Tier One requirements and the requirements of federal law, in the event of a conflict.
- As with Tier One, the order in which the Tier Two standards are set out in the Florida Constitution does not establish any priority among the standards within the tier.

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Tier-Two Standards

**As Nearly Equal in
Population as
Practicable**

Compactness

Utilizing Existing Political
and Geographical
Boundaries, Where
Feasible

Tier-Two Standards

“[D]istricts shall be as nearly
equal in population as is practicable”

- The Florida Supreme Court has rejected arguments that the “population equality” requirement imposes a stricter standard than prevailing federal precedent.
- “[S]trict and unbending adherence to the equal population requirement will yield to other redistricting considerations, but that those considerations must be based on the express constitutional standards.”
- Because obtaining equal population “if practicable” is an explicit and important constitutional mandate under the Florida Constitution, any deviation from that goal of mathematical precision must be based upon compliance with other constitutional standards.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Tier-Two Standards

As Nearly Equal in
Population as Practicable

Compactness

Utilizing Existing Political
and Geographical
Boundaries, Where
Feasible

Tier-Two Standards

“[D]istricts shall be compact”

- The Florida Supreme Court has defined “compactness” as “geographical compactness.”
- A review of compactness begins by looking at the “shape of a district.”
 - A compact district “should not yield ‘bizarre designs.’”
- Quantitative geometrical measures of compactness have been used to assist courts in assessing compactness.
 - Reock Method (circle-dispersion method): measures the ratio between the area of a district and the area of the smallest circle that can fit around the district.
 - Convex Hull Methods: measures the ratio between the area of the district and the area of the minimum convex bounding polygon that can enclose the district.

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Tier-Two Standards

As Nearly Equal in
Population as Practicable

Compactness

Utilizing Existing Political
and Geographical
Boundaries, Where
Feasible

Tier-Two Standards

“[D]istricts shall be compact”

- Geographic and minority-protection factors also influence compactness of a district.
- The Florida Constitution “does not mandate . . . that districts within a redistricting plan achieve the highest mathematical compactness scores.”
- Non-compact and “bizarrely shaped districts” require close examination.
 - “Corridors” and “appendages”

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Florida Redistricting Requirements

Constitutional Standards

Tier-One Standards

Tier-Two Standards

As Nearly Equal in
Population as Practicable

Compactness

**Utilizing Existing
Political and
Geographical
Boundaries, Where
Feasible**

Tier-Two Standards

“[D]istricts shall, where feasible, utilize existing political and geographical boundaries”

- “Political boundaries” primarily encompasses county and municipal boundaries.
- “Geographical boundaries” include boundaries that are “easily ascertainable and commonly understood” such as “rivers, railways, interstates, and state roads.”
- Not every split of a political or geographical boundary violates the Florida Constitution; the constitutional language explicitly recognizes flexibility by providing for use of boundaries “where feasible.”

In re Senate Joint Resolution of Legislative Apportionment 1176,
83 So. 3d 597 (Fla. 2012)

Conclusion

Questions?



The Florida Senate

APPEARANCE RECORD

Deliver both copies of this form to
Senate professional staff conducting the meeting

Bill Number or Topic

Amendment Barcode (if applicable)

Meeting Date

Committee

Name

Phone

Address

Email

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City

State

Zip

Speaking:

☐

For

☐

Against

☒

Information

OR

Waive Speaking:

☐

In Support

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Against

PLEASE CHECK ONE OF THE FOLLOWING:

☐

I am appearing without
compensation or sponsorship.

☐

I am a registered lobbyist,
representing:

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I am not a lobbyist, but received
something of value for my appearance
(travel, meals, lodging, etc.),
sponsored by:

League of Women Voters
of Florida

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

This form is part of the public record for this meeting.

S-001 (08/10/2021)

Boundary Analysis

Unlike other objective Tier Two criteria in the Florida Constitution, there is no widely accepted measurement for compliance with the requirement to “where feasible, utilize existing political and geographic boundaries.” Simply counting the cities or counties kept whole fails to account for the degree of usage of existing county or municipal boundaries. It also disregards the co-equal constitutional mandate to, where feasible, use “easily ascertainable and commonly understood”¹ geographic boundaries, “such as rivers, railways, interstates, and state roads.”²

During the 2012 Redistricting Cycle, professional staff of the Florida Senate developed a set of quantitative metrics that measured the coincidence of a district’s border with easily recognizable and identifiable boundaries, including political and geographic features. However, the calculation of these boundary metrics was not included as part of the interactive redistricting application.

For the 2022 Redistricting Cycle, the professional staff of the Florida House of Representatives and the Florida Senate have worked to refine the analysis and make it available to all users in the redistricting application. The refined Boundary Analysis independently measures the extent to which district boundaries overlap city boundaries, county boundaries, primary and secondary roads (interstates, U.S. highways, and State highways), railroads, and significant water bodies (contiguous area hydrography features greater than 10 acres) as defined by the U.S. Census Bureau’s TIGER/Line³ files. Districts’ coincidence with these existing political and geographic boundaries is independently calculated and presented along with the extent to which district boundaries do not follow any of the specified features.

To accomplish this, five feature layers were created from TIGER/Line edge files provided by the US Census Bureau⁴ for each type of political or geographic boundary using geoprocessing tools:

- County boundaries (MTFCC⁵ = G4020);
- Municipal boundaries (incorporated places) (MTFCC = G4110);

¹ In re Senate Joint Resolution of Legislative Apportionment 1176, 83 So. 3d 597, 638 (Fla. 2012)

² *Id.*

³ “TIGER/Line files” are Topologically Integrated Geographic Encoding and Referencing layers for use with GIS software.

⁴ Railroad TIGER geometry comes from the Census Bureau in a national file (tl2020_us_rails.zip), or in the county-level “edges” files. Other reference features are available on the state level. All TIGER geometry is available for download at <https://www.census.gov/cgi-bin/geo/shapefiles/index.php>.

⁵ “MTFCC” is a MAF/TIGER Feature Class Code. The Census Bureau’s definition of a county is “the primary division of a state.” The definition of an incorporated place is “a legal entity incorporated under state law to provide general-purpose governmental services to a concentration of population...usually is a city, borough, municipality, town, village...” See 2020 TIGER/Line Shapefiles Technical Documentation available at: <https://www.census.gov/programs-surveys/geography/technical-documentation/complete-technical-documentation/tiger-geo-line.2020.html>.

- Primary and secondary roads including Interstate highways, US highways, and state highways where RTTYP⁶ = I, U, or S (MTFCC = S1100⁷ and S1200⁸);
- Railroads (MFTCC – R1011); and
- Significant water bodies (Area Hydrography features combined to create single-part features, and then selected to include only those greater than 10 acres in area).

Each of the five feature layers was joined using the TLID⁹ field that uniquely identifies each line segment in the TIGER/Line files, and (isCounty, isCity, isRoad, isRail, isWater) fields were added to the edges layer. The fields were populated with “Y” or “N” for each qualifying edge.

When the Boundary Analysis tool in the redistricting application is run, the length of the district boundary coincidence for each type of political and geographic boundary is calculated based on the edge’s tag, divided by the total length of the perimeter of the district, and expressed as a percentage. Likewise, the length of district boundary coincidence for which all tags are “N” is calculated and then divided by the total length of the perimeter of the district and expressed as a percentage.

In this way, users are presented with a Boundary Analysis that shows the degree of utilization for each type of existing political or geographic boundary as specified by the Florida Constitution and interpreted by the Florida Supreme Court. To facilitate the utilization of existing political and geographic boundaries, each of the feature layers used in the computation of the Boundary Analysis is provided in the map-drawing application¹⁰. An example of the Boundary Analysis for the benchmark Congressional districts is provided below:

⁶ “RTTYP” is an MTFCC field code that describes the type of road. See <https://www.census.gov/library/reference/code-lists/route-type-codes.html>.

⁷ “S1100” is the MTFCC code for primary roads. Primary roads are limited-access highways that connect to other roads only at interchanges and not at at-grade intersections. This category includes Interstate highways as well as other highways with limited access (some of which are toll roads). See 2020 TIGER/Line Shapefiles Technical Documentation available at: <https://www.census.gov/programs-surveys/geography/technical-documentation/complete-technical-documentation/tiger-geo-line.2020.html>

⁸ “S1200” is the MTFCC code for secondary roads. Secondary roads are main arteries that are not limited access, usually in the U.S. highway, state highway, or county highway systems. These roads have one or more lanes of traffic in each direction, may or may not be divided, and usually have at-grade intersections with many other roads and driveways. Secondary roads often have both a local name and a route number. See 2020 TIGER/Line Shapefiles Technical Documentation available at: <https://www.census.gov/programs-surveys/geography/technical-documentation/complete-technical-documentation/tiger-geo-line.2020.html>. Note that country roads that are not also secondary roads are not included in the Boundary Analysis.

⁹ “TLID” means TIGER/Line Identifier. Each edge has a unique TLID value.

¹⁰ See pp. 15-16 of the

Boundary Analysis Report

FLCD2016						
DISTRICT	City	County	Road	Water	Rail	Non Geo/Pol
1	3%	94%	0%	60%	0%	6%
2	7%	75%	11%	48%	1%	10%
3	19%	75%	14%	25%	0%	7%
4	9%	58%	18%	51%	1%	15%
5	7%	59%	17%	10%	2%	16%
6	8%	82%	4%	62%	0%	4%
7	16%	65%	10%	51%	0%	19%
8	0%	89%	2%	41%	0%	10%
9	17%	49%	14%	5%	6%	17%
10	19%	70%	15%	21%	0%	11%
11	14%	66%	14%	40%	0%	12%
12	11%	77%	11%	36%	0%	9%
13	38%	74%	2%	89%	0%	4%
14	43%	38%	10%	32%	1%	28%
15	25%	28%	13%	17%	0%	24%
16	12%	61%	10%	56%	0%	6%
17	4%	69%	9%	28%	3%	9%
18	10%	65%	3%	45%	0%	20%
19	4%	66%	9%	60%	0%	15%
20	30%	35%	10%	11%	1%	33%
21	29%	24%	12%	30%	1%	37%
22	25%	28%	12%	32%	2%	32%
23	58%	15%	13%	29%	3%	17%
24	64%	13%	15%	29%	7%	19%
25	8%	70%	12%	22%	0%	7%
26	1%	88%	6%	87%	0%	1%
27	21%	26%	25%	61%	0%	8%

Compactness

While the U.S. Supreme Court said in *Shaw v. Reno*, “reapportionment is one area in which appearances do matter”, and numerous courts have made use of mathematical compactness measurements, they have resisted adopting a threshold for determining if a district is compact or not compact. Instead, courts consider compactness in the context of the geography being redistricted and commonly use a combination of the “eyeball” compactness scores to identify outliers.

The constitutional amendments adopted in Florida in 2010 state that districts “shall be compact.” In *Apportionment I*, the Florida Supreme Court interpreted this Tier Two criteria for the first time. The Court held that “...compactness is a standard that refers to the shape of the district. **The goal is to ensure that districts are logically drawn and that bizarrely shaped districts are avoided.** Compactness can be evaluated both visually and by employing standard mathematical measures (emphasis added).”

Florida has historically used three scores to gauge compactness mathematically, all of which fall within a range of 0-1, where a score closer to 1 indicates a more compact district:

- The **Convex Hull¹ (CH)** score, which tests for concavities or indentations in district boundaries, calculates the **ratio of the area of the district (A_D) to the area of the minimum convex polygon (A_{MCP}) that can enclose the district’s geometry.**

$$CH = \frac{A_D}{A_{MCP}}$$



¹ Source for formulas, descriptions, and images: <https://fisherzachary.github.io/public/r-output.html>.

- The **Polsby-Popper² (PP)** score, which test for jagged or squiggly district boundaries, calculates the **ratio of the area of the district (A_D) to the area of a circle whose circumference is equal to the perimeter of the district (P_D)**.

$$PP = 4\pi \times \frac{A_D}{P_D^2}$$



- The **Reock³ (R)** score, which indicates a district's similarity to a circle, calculates the **ratio of the area of the district (A_D) to the area of the smallest circle that can be drawn around the district (A_{MBC})**.












$$R = \frac{A_D}{A_{MBC}}$$



² *Id.*

³ *Id.*

For illustrative purposes, the table below displays some common shapes and their mathematical compactness scores.

Common Shapes and Mathematical Compactness				
Shapes		Compactness Measures		
		Reock	Convex Hull	Polsby-Popper
Circle		1.00	1.00	1.00
Coil		0.69	0.76	0.03
Crescent		0.53	0.75	0.60
Equilateral Triangle		0.41	1.00	0.60
Hexagon		0.77	1.00	0.90
Octagon		0.80	1.00	0.94
Pentagon		0.74	1.00	0.86
Rectangle		0.47	1.00	0.67
Right Triangle		0.32	1.00	0.54
Square		0.63	1.00	0.78
Star		0.48	0.67	0.45

Functional Analysis

The Florida Supreme Court has interpreted the Tier One constitutional provisions that relate to racial or language minorities' ability to participate in the political process or elect a candidate of their choice to mean that "the Legislature cannot eliminate majority-minority districts or weaken other historically performing minority districts where doing so would actually diminish a minority group's ability to elect its preferred candidates...in addition to majority-minority districts, coalition or crossover districts that previously provided minority groups with the ability to elect a preferred candidate under the benchmark plan must also be recognized."¹

The Court went on to say, "that under Florida's provision, a slight change in percentage of the minority group's population in a given district does not necessarily have a cognizable effect on a minority group's ability to elect its preferred candidate of choice. This is because a minority group's ability to elect a candidate of choice depends upon more than just population figures."²

A "functional analysis," as it has been termed, is an inquiry into a racial or language minority group's ability to elect a candidate of choice that requires "consideration not only of the minority population in the districts, or even the minority voting-age population in those districts, but of political data and how a minority population group has voted in the past."³ The United States Department of Justice (DOJ) has defined what a functional analysis of electoral behavior entails:

"In determining whether the ability to elect exists in the benchmark plan and whether it continues in the proposed plan, the Attorney General does not rely on any predetermined or fixed demographic percentages at any point in the assessment. Rather, in the Department's view, this determination requires a functional analysis of the electoral behavior within the particular jurisdiction or election district. [C]ensus data alone may not provide sufficient indicia of electoral behavior to make the requisite determination. Circumstances, such as differing rates of electoral participation within discrete portions of a population, may impact on the ability of voters to elect candidates of choice, even if the overall demographic data show no significant change. Although comparison of the census population of districts in the benchmark and proposed plans is the important starting point...election history and voting patterns within the jurisdiction, voter registration and turnout information, and other similar information are very important to an assessment of the actual effect of a redistricting plan."⁴

The DOJ Guidance cited refers to preclearance under Section 5 of the Voting Rights Act, which is no longer required after the U.S. Supreme Court's decision in *Shelby County v. Holder*. However, as *Apportionment I* states, "Florida's new constitutional provision, however, codified the non-retrogression principle of Section 5 and has now extended it statewide. In other words, Florida now has a statewide non-retrogression requirement independent of Section 5."⁵

¹ In re Senate Joint Resolution of Legislative Apportionment 1176, 83 So. 3d 597, 625 (Fla. 2012)

² *Id.*

³ *Id.*

⁴ DOJ Guidance Notice, 76 Fed. Reg. at 7471.

⁵ In re Senate Joint Resolution of Legislative Apportionment 1176, 83 So. 3d 597, 624 (Fla. 2012)

Accordingly, the Florida Legislature is making the following data points available in its map-drawing application within the Reports function so that all users can conduct a functional analysis:

Category	Election Type	Election Year	Field Name	Description
Voter Registration	General	2020	GE20RV_Tot	2020 General Election Registered Voters TOTAL
			GE20RV_Dem	2020 General Election Registered Voters that are Democrat
			GE20RV_Rep	2020 General Election Registered Voters that are Republican
			GE20RV_NPAOth	2020 General Election Registered Voters that are NPA or Other
			GE20RV_Black	2020 General Election Registered Voters that are Black
			GE20RV_Hispanic	2020 General Election Registered Voters that are Hispanic
			GE20RV_Dem_Black	2020 General Election Registered Voters Democrats that are Black
			GE20RV_Dem_Hispanic	2020 General Election Registered Voters Democrat that are Hispanic
			GE20RV_Rep_Black	2020 General Election Registered Voters Republicans that are Black
			GE20RV_Rep_Hispanic	2020 General Election Registered Voters Republican that are Hispanic
			GE20RV_NPAOth_Black	2020 General Election Registered Voters NPA or Other that are Black
			GE20RV_NPAOth_Hispanic	2020 General Election Registered Voters NPA or Other that are Hispanic
			GE20RV_Black_Dem	2020 General Election Registered Voters Black that are Democrat
			GE20RV_Black_Rep	2020 General Election Registered Voters Black that are Republican
			GE20RV_Black_NPAOth	2020 General Election Registered Voters Black that are NPA or Other
Voter Registration	General	2018	GE18RV_Tot	2018 General Election Registered Voters TOTAL
			GE18RV_Dem	2018 General Election Registered Voters that are Democrat
			GE18RV_Rep	2018 General Election Registered Voters that are Republican
			GE18RV_NPAOth	2018 General Election Registered Voters that are NPA or Other
			GE18RV_Black	2018 General Election Registered Voters that are Black
			GE18RV_Hispanic	2018 General Election Registered Voters that are Hispanic
			GE18RV_Dem_Black	2018 General Election Registered Voters Democrats that are Black
			GE18RV_Dem_Hispanic	2018 General Election Registered Voters Democrat that are Hispanic
			GE18RV_Rep_Black	2018 General Election Registered Voters Republicans that are Black
			GE18RV_Rep_Hispanic	2018 General Election Registered Voters Republican that are Hispanic
			GE18RV_NPAOth_Black	2018 General Election Registered Voters NPA or Other that are Black
			GE18RV_NPAOth_Hispanic	2018 General Election Registered Voters NPA or Other that are Hispanic
			GE18RV_Black_Dem	2018 General Election Registered Voters Black that are Democrat
			GE18RV_Black_Rep	2018 General Election Registered Voters Black that are Republican
			GE18RV_Black_NPAOth	2018 General Election Registered Voters Black that are NPA or Other
			GE18RV_Hispanic_Dem	2018 General Election Registered Voters Hispanic that are Democrat
			GE18RV_Hispanic_Rep	2018 General Election Registered Voters Hispanic that are Republican
			GE18RV_Hispanic_NPAOth	2018 General Election Registered Voters Hispanic that are NPA or Other

Category	Election Type	Election Year	Field Name	Description
Voter Registration	General	2016	GE16RV_Tot	2016 General Election Registered Voters TOTAL
			GE16RV_Dem	2016 General Election Registered Voters that are Democrat
			GE16RV_Rep	2016 General Election Registered Voters that are Republican
			GE16RV_NPAOth	2016 General Election Registered Voters that are NPA or Other
			GE16RV_Black	2016 General Election Registered Voters that are Black
			GE16RV_Hispanic	2016 General Election Registered Voters that are Hispanic
			GE16RV_Dem_Black	2016 General Election Registered Voters Democrats that are Black
			GE16RV_Dem_Hispanic	2016 General Election Registered Voters Democrat that are Hispanic
			GE16RV_Rep_Black	2016 General Election Registered Voters Republicans that are Black
			GE16RV_Rep_Hispanic	2016 General Election Registered Voters Republican that are Hispanic
			GE16RV_NPAOth_Black	2016 General Election Registered Voters NPA or Other that are Black
			GE16RV_NPAOth_Hispanic	2016 General Election Registered Voters NPA or Other that are Hispanic
			GE16RV_Black_Dem	2016 General Election Registered Voters Black that are Democrat
			GE16RV_Black_Rep	2016 General Election Registered Voters Black that are Republican
			GE16RV_Black_NPAOth	2016 General Election Registered Voters Black that are NPA or Other
			GE16RV_Hispanic_Dem	2016 General Election Registered Voters Hispanic that are Democrat
Voter Registration	General	2014	GE16RV_Hispanic_Rep	2016 General Election Registered Voters Hispanic that are Republican
			GE16RV_Hispanic_NPAOth	2016 General Election Registered Voters Hispanic that are NPA or Other
			GE14RV_Tot	2014 General Election Registered Voters TOTAL
			GE14RV_Dem	2014 General Election Registered Voters that are Democrat
			GE14RV_Rep	2014 General Election Registered Voters that are Republican
			GE14RV_NPAOth	2014 General Election Registered Voters that are NPA or Other
			GE14RV_Black	2014 General Election Registered Voters that are Black
			GE14RV_Hispanic	2014 General Election Registered Voters that are Hispanic
			GE14RV_Dem_Black	2014 General Election Registered Voters Democrats that are Black
			GE14RV_Dem_Hispanic	2014 General Election Registered Voters Democrat that are Hispanic
			GE14RV_Rep_Black	2014 General Election Registered Voters Republicans that are Black
			GE14RV_Rep_Hispanic	2014 General Election Registered Voters Republican that are Hispanic
			GE14RV_NPAOth_Black	2014 General Election Registered Voters NPA or Other that are Black
			GE14RV_NPAOth_Hispanic	2014 General Election Registered Voters NPA or Other that are Hispanic
			GE14RV_Black_Dem	2014 General Election Registered Voters Black that are Democrat
			GE14RV_Black_Rep	2014 General Election Registered Voters Black that are Republican
Voter Registration	General	2012	GE14RV_Black_NPAOth	2014 General Election Registered Voters Black that are NPA or Other
			GE14RV_Hispanic_Dem	2014 General Election Registered Voters Hispanic that are Democrat
			GE14RV_Hispanic_Rep	2014 General Election Registered Voters Hispanic that are Republican
			GE14RV_Hispanic_NPAOth	2014 General Election Registered Voters Hispanic that are NPA or Other
			GE12RV_Tot	2012 General Election Registered Voters TOTAL
			GE12RV_Dem	2012 General Election Registered Voters that are Democrat
			GE12RV_Rep	2012 General Election Registered Voters that are Republican
			GE12RV_NPAOth	2012 General Election Registered Voters that are NPA or Other
			GE12RV_Black	2012 General Election Registered Voters that are Black
			GE12RV_Hispanic	2012 General Election Registered Voters that are Hispanic
			GE12RV_Dem_Black	2012 General Election Registered Voters Democrats that are Black
			GE12RV_Dem_Hispanic	2012 General Election Registered Voters Democrat that are Hispanic
			GE12RV_Rep_Black	2012 General Election Registered Voters Republicans that are Black
			GE12RV_Rep_Hispanic	2012 General Election Registered Voters Republican that are Hispanic
			GE12RV_NPAOth_Black	2012 General Election Registered Voters NPA or Other that are Black
			GE12RV_NPAOth_Hispanic	2012 General Election Registered Voters NPA or Other that are Hispanic
Voter Registration	General	2012	GE12RV_Black_Dem	2012 General Election Registered Voters Black that are Democrat
			GE12RV_Black_Rep	2012 General Election Registered Voters Black that are Republican
			GE12RV_Black_NPAOth	2012 General Election Registered Voters Black that are NPA or Other
			GE12RV_Hispanic_Dem	2012 General Election Registered Voters Hispanic that are Democrat
			GE12RV_Hispanic_Rep	2012 General Election Registered Voters Hispanic that are Republican
			GE12RV_Hispanic_NPAOth	2012 General Election Registered Voters Hispanic that are NPA or Other

Category	Election Type	Election Year	Field Name	Description
Voter Turnout	General	2020	GE20VT_Tot	2020 General Election Voter Turnout TOTAL
			GE20VT_Dem	2020 General Election Voter Turnout that are Democrat
			GE20VT_Rep	2020 General Election Voter Turnout that are Republican
			GE20VT_NPAoth	2020 General Election Voter Turnout that are NPA or Other
			GE20VT_Black	2020 General Election Voter Turnout that are Black
			GE20VT_Hispanic	2020 General Election Voter Turnout that are Hispanic
			GE20VT_Dem_Black	2020 General Election Voter Turnout Democrats that are Black
			GE20VT_Dem_Hispanic	2020 General Election Voter Turnout Democrat that are Hispanic
			GE20VT_Rep_Black	2020 General Election Voter Turnout Republicans that are Black
			GE20VT_Rep_Hispanic	2020 General Election Voter Turnout Republican that are Hispanic
			GE20VT_NPAOth_Black	2020 General Election Voter Turnout NPA or Other that are Black
			GE20VT_NPAOth_Hispanic	2020 General Election Voter Turnout NPA or Other that are Hispanic
			GE20VT_Black_Dem	2020 General Election Voter Turnout Black that are Democrat
			GE20VT_Black_Rep	2020 General Election Voter Turnout Black that are Republican
			GE20VT_Black_NPAOth	2020 General Election Voter Turnout Black that are NPA or Other
			GE20VT_Hispanic_Dem	2020 General Election Voter Turnout Hispanic that are Democrat
Voter Turnout	Primary	2020	GE20VT_Hispanic_Rep	2020 General Election Voter Turnout Hispanic that are Republican
			GE20VT_Hispanic_NPAOth	2020 General Election Voter Turnout Hispanic that are NPA or Other
			PE20VT_Tot	2020 Primary Election Voter Turnout TOTAL
			PE20VT_Dem	2020 Primary Election Voter Turnout that are Democrat
			PE20VT_Rep	2020 Primary Election Voter Turnout that are Republican
			PE20VT_Black	2020 Primary Election Voter Turnout that are Black
			PE20VT_Hispanic	2020 Primary Election Voter Turnout that are Hispanic
			PE20VT_Dem_Black	2020 Primary Election Voter Turnout Democrats that are Black
			PE20VT_Dem_Hispanic	2020 Primary Election Voter Turnout Democrat that are Hispanic
			PE20VT_Rep_Black	2020 Primary Election Voter Turnout Republicans that are Black
			PE20VT_Rep_Hispanic	2020 Primary Election Voter Turnout Republican that are Hispanic
			PE20VT_Black_Dem	2020 Primary Election Voter Turnout Black that are Democrat
			PE20VT_Black_Rep	2020 Primary Election Voter Turnout Black that are Republican
			PE20VT_Hispanic_Dem	2020 Primary Election Voter Turnout Hispanic that are Democrat
			PE20VT_Hispanic_Rep	2020 Primary Election Voter Turnout Hispanic that are Republican
Voter Turnout	General	2020	GE18VT_Tot	2018 General Election Voter Turnout TOTAL
			GE18VT_Dem	2018 General Election Voter Turnout that are Democrat
			GE18VT_Rep	2018 General Election Voter Turnout that are Republican
			GE18VT_NPAoth	2018 General Election Voter Turnout that are NPA or Other
			GE18VT_Black	2018 General Election Voter Turnout that are Black
			GE18VT_Hispanic	2018 General Election Voter Turnout that are Hispanic
			GE18VT_Dem_Black	2018 General Election Voter Turnout Democrats that are Black
			GE18VT_Dem_Hispanic	2018 General Election Voter Turnout Democrat that are Hispanic
			GE18VT_Rep_Black	2018 General Election Voter Turnout Republicans that are Black
			GE18VT_Rep_Hispanic	2018 General Election Voter Turnout Republican that are Hispanic
			GE18VT_NPAOth_Black	2018 General Election Voter Turnout NPA or Other that are Black
			GE18VT_NPAOth_Hispanic	2018 General Election Voter Turnout NPA or Other that are Hispanic
			GE18VT_Black_Dem	2018 General Election Voter Turnout Black that are Democrat
			GE18VT_Black_Rep	2018 General Election Voter Turnout Black that are Republican
			GE18VT_Black_NPAOth	2018 General Election Voter Turnout Black that are NPA or Other
			GE18VT_Hispanic_Dem	2018 General Election Voter Turnout Hispanic that are Democrat
			GE18VT_Hispanic_Rep	2018 General Election Voter Turnout Hispanic that are Republican
			GE18VT_Hispanic_NPAOth	2018 General Election Voter Turnout Hispanic that are NPA or Other

Category	Election Type	Election Year	Field Name	Description
Voter Turnout	Primary	2018	PE18VT_Tot	2018 Primary Election Voter Turnout TOTAL
			PE18VT_Dem	2018 Primary Election Voter Turnout that are Democrat
			PE18VT_Rep	2018 Primary Election Voter Turnout that are Republican
			PE18VT_Black	2018 Primary Election Voter Turnout that are Black
			PE18VT_Hispanic	2018 Primary Election Voter Turnout that are Hispanic
			PE18VT_Dem_Black	2018 Primary Election Voter Turnout Democrats that are Black
			PE18VT_Dem_Hispanic	2018 Primary Election Voter Turnout Democrat that are Hispanic
			PE18VT_Rep_Black	2018 Primary Election Voter Turnout Republicans that are Black
			PE18VT_Rep_Hispanic	2018 Primary Election Voter Turnout Republican that are Hispanic
			PE18VT_Black_Dem	2018 Primary Election Voter Turnout Black that are Democrat
			PE18VT_Black_Rep	2018 Primary Election Voter Turnout Black that are Republican
			PE18VT_Hispanic_Dem	2018 Primary Election Voter Turnout Hispanic that are Democrat
			PE18VT_Hispanic_Rep	2018 Primary Election Voter Turnout Hispanic that are Republican
Voter Turnout	General	2020	GE16VT_Tot	2016 General Election Voter Turnout TOTAL
			GE16VT_Dem	2016 General Election Voter Turnout that are Democrat
			GE16VT_Rep	2016 General Election Voter Turnout that are Republican
			GE16VT_NPAOth	2016 General Election Voter Turnout that are NPA or Other
			GE16VT_Black	2016 General Election Voter Turnout that are Black
			GE16VT_Hispanic	2016 General Election Voter Turnout that are Hispanic
			GE16VT_Dem_Black	2016 General Election Voter Turnout Democrats that are Black
			GE16VT_Dem_Hispanic	2016 General Election Voter Turnout Democrat that are Hispanic
			GE16VT_Rep_Black	2016 General Election Voter Turnout Republicans that are Black
			GE16VT_Rep_Hispanic	2016 General Election Voter Turnout Republican that are Hispanic
			GE16VT_NPAOth_Black	2016 General Election Voter Turnout NPA or Other that are Black
			GE16VT_NPAOth_Hispanic	2016 General Election Voter Turnout NPA or Other that are Hispanic
			GE16VT_Black_Dem	2016 General Election Voter Turnout Black that are Democrat
			GE16VT_Black_Rep	2016 General Election Voter Turnout Black that are Republican
			GE16VT_Black_NPAOth	2016 General Election Voter Turnout Black that are NPA or Other
			GE16VT_Hispanic_Dem	2016 General Election Voter Turnout Hispanic that are Democrat
Voter Turnout	Primary	2016	PE16VT_Tot	2016 Primary Election Voter Turnout TOTAL
			PE16VT_Dem	2016 Primary Election Voter Turnout that are Democrat
			PE16VT_Rep	2016 Primary Election Voter Turnout that are Republican
			PE16VT_Black	2016 Primary Election Voter Turnout that are Black
			PE16VT_Hispanic	2016 Primary Election Voter Turnout that are Hispanic
			PE16VT_Dem_Black	2016 Primary Election Voter Turnout Democrats that are Black
			PE16VT_Dem_Hispanic	2016 Primary Election Voter Turnout Democrat that are Hispanic
			PE16VT_Rep_Black	2016 Primary Election Voter Turnout Republicans that are Black
			PE16VT_Rep_Hispanic	2016 Primary Election Voter Turnout Republican that are Hispanic
			PE16VT_Black_Dem	2016 Primary Election Voter Turnout Black that are Democrat
			PE16VT_Black_Rep	2016 Primary Election Voter Turnout Black that are Republican
			PE16VT_Hispanic_Dem	2016 Primary Election Voter Turnout Hispanic that are Democrat
			PE16VT_Hispanic_Rep	2016 Primary Election Voter Turnout Hispanic that are Republican
Voter Turnout	General	2014	GE14VT_Tot	2014 General Election Voter Turnout TOTAL
			GE14VT_Dem	2014 General Election Voter Turnout that are Democrat
			GE14VT_Rep	2014 General Election Voter Turnout that are Republican
			GE14VT_NPAOth	2014 General Election Voter Turnout that are NPA or Other
			GE14VT_Black	2014 General Election Voter Turnout that are Black
			GE14VT_Hispanic	2014 General Election Voter Turnout that are Hispanic
			GE14VT_Dem_Black	2014 General Election Voter Turnout Democrats that are Black
			GE14VT_Dem_Hispanic	2014 General Election Voter Turnout Democrat that are Hispanic
			GE14VT_Rep_Black	2014 General Election Voter Turnout Republicans that are Black
			GE14VT_Rep_Hispanic	2014 General Election Voter Turnout Republican that are Hispanic
			GE14VT_NPAOth_Black	2014 General Election Voter Turnout NPA or Other that are Black
			GE14VT_NPAOth_Hispanic	2014 General Election Voter Turnout NPA or Other that are Hispanic
			GE14VT_Black_Dem	2014 General Election Voter Turnout Black that are Democrat
			GE14VT_Black_Rep	2014 General Election Voter Turnout Black that are Republican
			GE14VT_Black_NPAOth	2014 General Election Voter Turnout Black that are NPA or Other
			GE14VT_Hispanic_Dem	2014 General Election Voter Turnout Hispanic that are Democrat
			GE14VT_Hispanic_Rep	2014 General Election Voter Turnout Hispanic that are Republican
			GE14VT_Hispanic_NPAOth	2014 General Election Voter Turnout Hispanic that are NPA or Other

Category	Election Type	Election Year	Field Name	Description
Voter Turnout	Primary	2014	PE14VT_Tot	2014 Primary Election Voter Turnout TOTAL
			PE14VT_Dem	2014 Primary Election Voter Turnout that are Democrat
			PE14VT_Rep	2014 Primary Election Voter Turnout that are Republican
			PE14VT_Black	2014 Primary Election Voter Turnout that are Black
			PE14VT_Hispanic	2014 Primary Election Voter Turnout that are Hispanic
			PE14VT_Dem_Black	2014 Primary Election Voter Turnout Democrats that are Black
			PE14VT_Dem_Hispanic	2014 Primary Election Voter Turnout Democrat that are Hispanic
			PE14VT_Rep_Black	2014 Primary Election Voter Turnout Republicans that are Black
			PE14VT_Rep_Hispanic	2014 Primary Election Voter Turnout Republican that are Hispanic
			PE14VT_Black_Dem	2014 Primary Election Voter Turnout Black that are Democrat
			PE14VT_Black_Rep	2014 Primary Election Voter Turnout Black that are Republican
			PE14VT_Hispanic_Dem	2014 Primary Election Voter Turnout Hispanic that are Democrat
			PE14VT_Hispanic_Rep	2014 Primary Election Voter Turnout Hispanic that are Republican
Voter Turnout	General	2012	GE12VT_Tot	2012 General Election Voter Turnout TOTAL
			GE12VT_Dem	2012 General Election Voter Turnout that are Democrat
			GE12VT_Rep	2012 General Election Voter Turnout that are Republican
			GE12VT_NPAoth	2012 General Election Voter Turnout that are NPA or Other
			GE12VT_Black	2012 General Election Voter Turnout that are Black
			GE12VT_Hispanic	2012 General Election Voter Turnout that are Hispanic
			GE12VT_Dem_Black	2012 General Election Voter Turnout Democrats that are Black
			GE12VT_Dem_Hispanic	2012 General Election Voter Turnout Democrat that are Hispanic
			GE12VT_Rep_Black	2012 General Election Voter Turnout Republicans that are Black
			GE12VT_Rep_Hispanic	2012 General Election Voter Turnout Republican that are Hispanic
			GE12VT_NPAoth_Black	2012 General Election Voter Turnout NPA or Other that are Black
			GE12VT_NPAoth_Hispanic	2012 General Election Voter Turnout NPA or Other that are Hispanic
			GE12VT_Black_Dem	2012 General Election Voter Turnout Black that are Democrat
			GE12VT_Black_Rep	2012 General Election Voter Turnout Black that are Republican
			GE12VT_Black_NPAoth	2012 General Election Voter Turnout Black that are NPA or Other
Voter Turnout	Primary	2012	PE12VT_Tot	2012 Primary Election Voter Turnout TOTAL
			PE12VT_Dem	2012 Primary Election Voter Turnout that are Democrat
			PE12VT_Rep	2012 Primary Election Voter Turnout that are Republican
			PE12VT_Black	2012 Primary Election Voter Turnout that are Black
			PE12VT_Hispanic	2012 Primary Election Voter Turnout that are Hispanic
			PE12VT_Dem_Black	2012 Primary Election Voter Turnout Democrats that are Black
			PE12VT_Dem_Hispanic	2012 Primary Election Voter Turnout Democrat that are Hispanic
			PE12VT_Rep_Black	2012 Primary Election Voter Turnout Republicans that are Black
			PE12VT_Rep_Hispanic	2012 Primary Election Voter Turnout Republican that are Hispanic
			PE12VT_Black_Dem	2012 Primary Election Voter Turnout Black that are Democrat
			PE12VT_Black_Rep	2012 Primary Election Voter Turnout Black that are Republican
			PE12VT_Hispanic_Dem	2012 Primary Election Voter Turnout Hispanic that are Democrat
			PE12VT_Hispanic_Rep	2012 Primary Election Voter Turnout Hispanic that are Republican

Category	Election Type	Election Year	Field Name	Description
Election Results	General	2020	G20PRE_TOTAL	2020 General Election Votes for President TOTAL
			G20PRE_D_Biden	2020 General Election Votes for Democrat President Joe Biden
			G20PRE_R_Trump	2020 General Election Votes for Republican President Donald Trump
Election Results	General	2018	G18GOV_TOTAL	2018 General Election Votes for Governor TOTAL
			G18GOV_R_DeSantis	2018 General Election Votes for Republican Governor Ron DeSantis
			G18GOV_D_Gillum	2018 General Election Votes for Democrat Governor Andrew Gillum
			G18ATG_TOTAL	2018 General Election Votes for Attorney General TOTAL
			G18ATG_R_Moody	2018 General Election Votes for Republican Attorney General Ashley Moody
			G18ATG_D_Shaw	2018 General Election Votes for Democrat Attorney General Sean Shaw
			G18CFO_TOTAL	2018 General Election Votes for Attorney Chief Financial Officer TOTAL
			G18CFO_R_Patronis	2018 General Election Votes for Republican Chief Financial Officer Jimmy Patronis
			G18CFO_D_Ring	2018 General Election Votes for Democrat Chief Financial Officer Jeremy Ring
			G18AGR_TOTAL	2018 General Election Votes for Commissioner of Agriculture TOTAL
			G18AGR_R_Caldwell	2018 General Election Votes for Republican Commissioner of Agriculture Matt Caldwell
			G18AGR_D_Fried	2018 General Election Votes for Democrat Commissioner of Agriculture Nicole "Nikki" Fried
			G18USS_TOTAL	2018 General Election Votes for U.S. Senator TOTAL
			G18USS_R_Scott	2018 General Election Votes for Republican U.S. Senator Rick Scott
			G18USS_D_Nelson	2018 General Election Votes for Democrat U.S. Senator Bill Nelson
Election Results	Primary	2018	P18GOV_R_TOTAL	2018 Primary Election Votes for Republican Governor TOTAL
			P18GOV_R_Baldauf	2018 Primary Election Votes for Republican Governor Don Baldauf
			P18GOV_R_DeSantis	2018 Primary Election Votes for Republican Governor Ron DeSantis
			P18GOV_R_Devine	2018 Primary Election Votes for Republican Governor Timothy M. Devine
			P18GOV_R_Langford	2018 Primary Election Votes for Republican Governor Bob Langford
			P18GOV_R_Mercadante	2018 Primary Election Votes for Republican Governor John Joseph Mercadante
			P18GOV_R_Nathan	2018 Primary Election Votes for Republican Governor Bruce Nathan
			P18GOV_R_Putnam	2018 Primary Election Votes for Republican Governor Adam H. Putnam
			P18GOV_R_White	2018 Primary Election Votes for Republican Governor Bob White
			P18GOV_D_TOTAL	2018 Primary Election Votes for Democrat Governor TOTAL
			P18GOV_D_Gillum	2018 Primary Election Votes for Democrat Governor Andrew Gillum
			P18GOV_D_Graham	2018 Primary Election Votes for Democrat Governor Gwen Graham
			P18GOV_D_Greene	2018 Primary Election Votes for Democrat Governor Jeff Greene
			P18GOV_D_King	2018 Primary Election Votes for Democrat Governor Chris King
			P18GOV_D_Levine	2018 Primary Election Votes for Democrat Governor Philip Levine
			P18GOV_D_Lundmark	2018 Primary Election Votes for Democrat Governor Alex "Lundy" Lundmark
			P18GOV_D_Wetherbee	2018 Primary Election Votes for Democrat Governor John Wetherbee
			P18ATG_R_TOTAL	2018 Primary Election Votes for Republican Attorney General TOTAL
			P18ATG_R_Moody	2018 Primary Election Votes for Republican Attorney General Ashley Moody
			P18ATG_R_White	2018 Primary Election Votes for Republican Attorney General Frank White
			P18ATG_D_TOTAL	2018 Primary Election Votes for Democrat Attorney General TOTAL
			P18ATG_D_Torrens	2018 Primary Election Votes for Democrat Attorney General Ryan Torrens
			P18ATG_D_Shaw	2018 Primary Election Votes for Democrat Attorney General Sean Shaw
			P18AGR_R_TOTAL	2018 Primary Election Votes for Republican Commissioner of Agriculture TOTAL
			P18AGR_R_Caldwell	2018 Primary Election Votes for Republican Commissioner of Agriculture Matt Caldwell
			P18AGR_R_Grimsley	2018 Primary Election Votes for Republican Commissioner of Agriculture Denise Grimsley
			P18AGR_R_McCalister	2018 Primary Election Votes for Republican Commissioner of Agriculture Mike McCalister
			P18AGR_R_Troutman	2018 Primary Election Votes for Republican Commissioner of Agriculture Baxter Troutman
			P18AGR_D_TOTAL	2018 Primary Election Votes for Democrat Commissioner of Agriculture TOTAL
			P18AGR_D_Fried	2018 Primary Election Votes for Democrat Commissioner of Agriculture Nicole "Nikki" Fried
			P18AGR_D_Porter	2018 Primary Election Votes for Democrat Commissioner of Agriculture Jeffrey Duane Porter
			P18AGR_D_Walker	2018 Primary Election Votes for Democrat Commissioner of Agriculture Roy David Walker
			P18USS_R_TOTAL	2018 Primary Election Votes for Republican U.S. Senator TOTAL
			P18USS_R_DeLaFuenta	2018 Primary Election Votes for Republican U.S. Senator Roque "Rocky" De La Fuente
			P18USS_R_Scott	2018 Primary Election Votes for Republican U.S. Senator Rick Scott
Election Results	General	2016	G16PRE_TOTAL	2016 General Election Votes for President TOTAL
			G16PRE_R_Trump	2016 General Election Votes for Republican President Donald Trump
			G16PRE_D_Clinton	2016 General Election Votes for Democrat President Hillary Clinton
			G16USS_TOTAL	2016 General Election Votes for U.S. Senator TOTAL
			G16USS_R_Rubio	2016 General Election Votes for Republican U.S. Senator Marco Rubio
			G16USS_D_Murphy	2016 General Election Votes for Democrat U.S. Senator Patrick Murphy

Category	Election Type	Election Year	Field Name	Description
Election Results	Primary	2016	P16USS_R_TOTAL	2016 Primary Election Votes for Republican U.S. Senator TOTAL
			P16USS_R_Beruff	2016 Primary Election Votes for Republican U.S. Senator Carlos Beruff
			P16USS_R_Rivera	2016 Primary Election Votes for Republican U.S. Senator Ernie Rivera
			P16USS_R_Rubio	2016 Primary Election Votes for Republican U.S. Senator Marco Rubio
			P16USS_R_Young	2016 Primary Election Votes for Republican U.S. Senator Dwight Mark Anthony Young
			P16USS_D_TOTAL	2016 Primary Election Votes for Democrat U.S. Senator TOTAL
			P16USS_D_DeLaFuenta	2016 Primary Election Votes for Democrat U.S. Senator Roque "Rocky" De La Fuente
			P16USS_D_Grayson	2016 Primary Election Votes for Democrat U.S. Senator Alan Grayson
			P16USS_D_Keith	2016 Primary Election Votes for Democrat U.S. Senator Pam Keith
			P16USS_D_Luster	2016 Primary Election Votes for Democrat U.S. Senator Reginald Luster
			P16USS_D_Murphy	2016 Primary Election Votes for Democrat U.S. Senator Patrick Murphy
Election Results	General	2014	G14GOV_TOTAL	2014 General Election Votes for Governor TOTAL
			G14GOV_R_Scott	2014 General Election Votes for Republican Governor Rick Scott
			G14GOV_D_Crist	2014 General Election Votes for Democrat Governor Charlie Crist
			G14ATG_TOTAL	2014 General Election Votes for Attorney General TOTAL
			G14ATG_R_Bondi	2014 General Election Votes for Republican Attorney General Pam Bondi
			G14ATG_D_Sheldon	2014 General Election Votes for Democrat Attorney General George Sheldon
			G14CFO_TOTAL	2014 General Election Votes for Chief Financial Officer TOTAL
			G14CFO_R_Atwater	2014 General Election Votes for Republican Chief Financial Officer Jeff Atwater
			G14CFO_D_Rankin	2014 General Election Votes for Democrat Chief Financial Officer William "Will" Rankin
			G14AGR_TOTAL	2014 General Election Votes for Commissioner of Agriculture TOTAL
			G14AGR_R_Putnam	2014 General Election Votes for Republican Commissioner of Agriculture Adam H. Putnam
Election Results	Primary	2014	P14GOV_R_TOTAL	2014 Primary Election Votes for Republican Governor TOTAL
			P14GOV_R_Adeshina	2014 Primary Election Votes for Republican Governor Yinka A. Adeshina
			P14GOV_R_CuevasNeunder	2014 Primary Election Votes for Republican Governor E Cuevas-Neunder
			P14GOV_R_Scott	2014 Primary Election Votes for Republican Governor Rick Scott
			P14GOV_D_TOTAL	2014 Primary Election Votes for Democrat Governor TOTAL
			P14GOV_D_Crist	2014 Primary Election Votes for Democrat Governor Charlie Crist
			P14GOV_D_Rich	2014 Primary Election Votes for Democrat Governor Nan H. Rich
			P14ATG_D_TOTAL	2014 Primary Election Votes for Democrat Attorney General TOTAL
			P14ATG_D_Sheldon	2014 Primary Election Votes for Democrat Attorney General George Sheldon
			P14ATG_D_Thurston	2014 Primary Election Votes for Democrat Attorney General Perry E. Thurston
Election Results	General	2012	G12PRE_TOTAL	2012 General Election Votes for President TOTAL
			G12PRE_R_Romney	2012 General Election Votes for Republican President Mitt Romney
			G12PRE_D_Obama	2012 General Election Votes for Democrat President Barack Obama
			G12USS_TOTAL	2012 General Election Votes for U.S. Senator TOTAL
			G12USS_R_Mack	2012 General Election Votes for Republican U.S. Senator Connie Mack
			G12USS_D_Nelson	2012 General Election Votes for Democrat U.S. Senator Bill Nelson
Election Results	Primary	2012	P12USS_R_TOTAL	2012 Primary Election Votes for Republican U.S. Senator TOTAL
			P12USS_R_Mack	2012 Primary Election Votes for Republican U.S. Senator Connie Mack
			P12USS_R_McCalister	2012 Primary Election Votes for Republican U.S. Senator Mike McCalister
			P12USS_R_Stuart	2012 Primary Election Votes for Republican U.S. Senator Marielena Stuart
			P12USS_R_Weldon	2012 Primary Election Votes for Republican U.S. Senator Dave Weldon
			P12USS_D_TOTAL	2012 Primary Election Votes for Democrat U.S. Senator TOTAL
			P12USS_D_Burkett	2012 Primary Election Votes for Democrat U.S. Senator Glenn A. Burkett
			P12USS_D_Nelson	2012 Primary Election Votes for Democrat U.S. Senator Bill Nelson

Municipal Boundaries

The boundaries of Florida's municipalities are not static. Between January 1, 2010 and December 31, 2019, two hundred cities annexed or deannexed parcels, changing their boundaries 3,552 times¹.

Additionally, while Florida Statutes² permit municipalities to annex contiguous and compact unincorporated territory, many of Florida's cities are not contiguous, neither visually nor mathematically compact, and contain holes or enclaves³.

The table below provides the average number of parts, average area, average compactness scores, and the average number of holes in Florida's municipalities. A review of it suggests that as cities increase in both geographical and population size they tend to be less compact and have more discontinuous parts and enclaves.

Averages for Florida's 412 Cities by 2020 Population and Total							
Population Range	Number of Parts	Area (sq. mi.)	Perimeter (mi.)	Convex Hull	Reock Ratio	Polsby-Popper	Holes
<1,000	1.3	3.3	10.1	0.76	0.39	0.40	0.2
1,001-5,000	1.9	8.2	21.9	0.73	0.38	0.33	1.9
5,001-10,000	2.0	11.5	34.6	0.69	0.33	0.26	2.9
10,001-25,000	3.8	15.2	46.6	0.68	0.35	0.21	8.5
25,001-50,000	5.9	21.7	64.3	0.65	0.37	0.16	13.0
50,001-100,000	4.2	40.4	69.4	0.72	0.39	0.21	15.3
> 100,000	3.4	135.4	102.5	0.69	0.36	0.21	11.2
All Cities	2.8	19.8	38.2	0.71	0.37	0.28	5.6

The additional tables below list:

- Cities that have changed their boundaries between the 2010 and 2020 deadlines for states to submit geographical boundary changes to the Census Bureau for inclusion in the decennial census;
- Cities that are not contiguous; and
- Cities with holes or enclaves.

¹ Boundary change data obtained from the U.S. Census Bureau: <https://www.census.gov/geographies/reference-files/time-series/geo/bas/annex.html>. As noted, The U.S. Census Bureau makes no claims to the completeness of the annexation data in the boundary change files. The data in these files were collected through programs in which state, county, and local governments **voluntarily** participated.

² Section 171.0413(1), F.S. 2021

³ Compactness scores, parts, and holes based on 2020 U.S. Census TIGER geometry for the places layer available at: <https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-line-file.2020.html>.

Florida Cities with Annexations and Deannexations 1/1/2010 - 12/31/2019 (200)							
City	Boundary Changes	City	Boundary Changes	City	Boundary Changes	City	Boundary Changes
Alachua	12	Davenport	13	Inverness	6	North Miami	1
Altamonte Springs	17	Daytona Beach	3	Jacksonville	1	North Palm Beach	1
Apopka	84	Daytona Beach Shores	3	Juno Beach	1	North Port	3
Arcadia	2	DeFuniak Springs	4	Jupiter	7	Oak Hill	19
Atlantic Beach	1	Deland	22	Kenneth City	2	Oakland	8
Atlantis	1	Delray Beach	3	Kissimmee	17	Ocala	39
Auburndale	4	Deltona	1	La Crosse	2	Ocoee	57
Avon Park	81	Dundee	3	LaBelle	5	Okeechobee	1
Bartow	6	Dunedin	28	Lady Lake	44	Oldsmar	32
Bay Lake	1	Dunnellon	1	Lake Butler	1	Orange City	28
Belle Glade	4	Eatonville	1	Lake City	1	Orlando	71
Belle Isle	1	Edgewater	60	Lake Clarke Shores	1	Ormond Beach	47
Bellevue	15	El Portal	2	Lake Helen	6	Oviedo	10
Beverly Beach	1	Estero	3	Lake Mary	2	Palatka	37
Boca Raton	1	Eustis	6	Lake Placid	26	Palm Bay	5
Bonifay	2	Fanning Springs	3	Lake Wales	7	Palm Beach Gardens	7
Bonita Springs	13	Fellsmere	5	Lake Worth	4	Palm Coast	16
Bowling Green	4	Fernandina Beach	13	Lakeland	9	Palm Springs	54
Boynton Beach	2	Fort Lauderdale	1	Lantana	2	Palmetto	9
Bradenton	3	Fort Meade	4	Largo	364	Panama City Beach	7
Brooksville	23	Fort Myers	2	Lauderhill	1	Panama City	68
Bunnell	27	Fort Pierce	179	Laurel Hill	1	Parkland	6
Bushnell	41	Fort Walton Beach	10	Leesburg	23	Pembroke Pines	1
Callahan	7	Freeport	3	Longwood	9	Penney Farms	1
Callaway	8	Frostproof	3	Loxahatchee Groves	2	Pensacola	19
Cape Coral	5	Fruitland Park	12	Lynn Haven	11	Pierson	2
Casselberry	7	Gainesville	25	Macclenny	20	Pinellas Park	133
Cedar Key	3	Grand Ridge	2	Maitland	3	Plant City	5
Center Hill	2	Green Cove Springs	3	Marianna	24	Polk City	2
Chattahoochee	1	Greenacres	16	Mayo	1	Ponce Inlet	1
Chiefland	4	Gretna	4	Melbourne	34	Port Orange	5
Clearwater	237	Groveland	3	Midway	14	Port Richey	2
Clermont	40	Gulf Stream	1	Milton	1	Port St. Joe	1
Cocoa	4	Haines City	3	Minneola	16	Port St. Lucie	5
Coconut Creek	1	Haverhill	1	Monticello	1	Punta Gorda	7
Coleman	1	Hawthorne	9	Mount Dora	8	Quincy	3
Cooper City	2	High Springs	4	Mulberry	2	Riviera Beach	1
Crestview	23	Hilliard	2	New Smyrna Beach	278	Rockledge	5
Crystal River	8	Holly Hill	5	Newberry	15	Royal Palm Beach	3
Dade City	5	Indiantown	1	Niceville	31	Safety Harbor	20
						Winter Haven	27
						Winter Park	4
						Winter Springs	11
						Zephyrhills	113
						Zolfo Springs	1

Discontiguous Cities in Florida (136)							
City	Parts	City	Parts	City	Parts	City	Parts
Alachua	3	Gainesville	4	North Port	3	Temple Terrace	4
Altha	2	Greenacres	2	Oak Hill	13	Titusville	8
Apopka	3	Gretna	2	Oakland	2	Umatilla	4
Astatula	2	Groveland	7	Ocoee	4	Webster	7
Auburndale	9	Haines City	2	Oldsmar	13	Weeki Wachee	2
Avon Park	15	Hollywood	2	Orange City	3	Welaka	2
Bartow	2	Horseshoe Beach	3	Orlando	11	West Melbourne	2
Belle Glade	4	Indiantown	2	Ormond Beach	8	West Park	2
Bonita Springs	6	Inverness	2	Palatka	11	Westville	2
Bradenton	4	Jasper	4	Palm Bay	3	Wildwood	4
Bunnell	6	Jupiter	2	Palm Beach	2	Winter Garden	10
Bushnell	12	Kenneth City	8	Palm Beach Gardens	2	Winter Haven	4
Callaway	6	Key West	2	Palm Coast	2	Winter Park	2
Casselberry	2	Lady Lake	45	Palm Shores	3	Worthington Springs	3
Cedar Key	9	Lake Alfred	2	Panama City	37	Zephyrhills	11
Chiefland	3	Lake City	2	Panama City Beach	3	Zolfo Springs	4
Clearwater	22	Lake Helen	4	Parkland	2		
Clermont	3	Lake Placid	4	Pembroke Pines	3		
Cocoa Beach	2	Lake Wales	2	Pierson	3		
Cottondale	2	Largo	75	Pinellas Park	13		
Crystal River	2	Lee	2	Polk City	6		
Dade City	10	Leesburg	27	Ponce de Leon	2		
Dania Beach	6	Longwood	4	Port Richey	7		
Davenport	2	Lynn Haven	6	Punta Gorda	3		
Davie	4	Macclenny	2	Quincy	3		
Daytona Beach	2	Madison	4	Rockledge	4		
Daytona Beach Shores	2	Marathon	10	Safety Harbor	4		
DeLand	7	Medley	3	San Antonio	2		
Dunedin	3	Melbourne	4	Sanford	5		
Eatonville	2	Melbourne Beach	2	Sarasota	3		
Edgewater	11	Midway	3	Sebastian	2		
Edgewood	2	Minneola	5	Sebring	2		
Fellsmere	2	Montverde	2	Seminole	12		
Fort Lauderdale	7	Mulberry	11	South Miami	12		
Fort Pierce	17	New Port Richey	2	Southwest Ranches	4		
Fort Walton Beach	4	New Smyrna Beach	82	St. Cloud	3		
Fort White	2	Newberry	4	St. Petersburg	5		
Freeport	4	Niceville	15	Tallahassee	2		
Frostproof	6	North Miami	2	Tarpon Springs	3		
Fruitland Park	2	North Miami Beach	2	Tavares	5		

Florida Cities with Holes or Enclaves (170)									
City	Holes	City	Holes	City	Holes	City	Holes	City	Holes
Alachua	25	Delray Beach	4	Lake City	10	Palm Shores	3	Wauchula	2
Altamonte Springs	18	Deltona	2	Lake Helen	3	Palmetto	11	Welaka	1
Apopka	89	Destin	5	Lake Placid	6	Panama City	23	West Melbourne	17
Arcadia	1	Dundee	5	Lake Wales	19	Panama City Beach	8	Wildwood	23
Archer	1	Dunedin	30	Lakeland	4	Parkland	1	Wilton Manors	1
Astatula	2	Eagle Lake	4	Largo	59	Pensacola	1	Winter Garden	53
Auburndale	28	Eatonville	1	Lee	1	Pierson	13	Winter Haven	37
Avon Park	1	Edgewater	24	Leesburg	26	Pinellas Park	131	Winter Park	7
Bartow	14	Estero	5	Longwood	7	Polk City	7	Winter Springs	9
Belle Glade	6	Eustis	34	Lynn Haven	18	Port Orange	15	Zephyrhills	33
Bellevue	2	Fanning Springs	2	Macclenny	1	Port Richey	4		
Bonifay	5	Fellsmere	8	Marianna	5	Port St. Joe	1		
Boynton Beach	3	Fernandina Beach	1	Melbourne	28	Port St. Lucie	15		
Bradenton	11	Fort Meade	4	Mexico Beach	1	Punta Gorda	5		
Brooksville	13	Fort Myers	5	Miami Beach	13	Riviera Beach	1		
Bunnell	58	Fort Pierce	98	Midway	5	Rockledge	9		
Bushnell	29	Fort Walton Beach	4	Minneola	8	Royal Palm Beach	1		
Callaway	7	Freeport	7	Monticello	6	Safety Harbor	48		
Cape Coral	15	Frostproof	2	Mount Dora	31	Sanford	81		
Carrabelle	6	Fruitland Park	8	New Port Richey	5	Sarasota	1		
Casselberry	8	Gainesville	1	New Smyrna Beach	35	Sebastian	3		
Cedar Key	4	Grand Ridge	1	Newberry	47	Sebring	4		
Clearwater	156	Green Cove Springs	2	Niceville	23	Seminole	12		
Clermont	17	Greenacres	2	North Miami	2	South Miami	2		
Cocoa	3	Groveland	31	North Miami Beach	2	Springfield	15		
Cocoa Beach	1	Haines City	15	North Port	1	St. Augustine	3		
Coconut Creek	7	Havana	1	Oak Hill	8	St. Augustine Beach	1		
Cooper City	4	Hialeah	1	Oakland	6	St. Cloud	14		
Coral Springs	1	High Springs	13	Oakland Park	2	St. Lucie Village	1		
Cottondale	3	Hollywood	3	Ocala	25	St. Petersburg	2		
Crestview	17	Jacksonville	1	Ocoee	36	Stuart	1		
Crystal River	2	Jasper	1	Oldsmar	9	Sunrise	3		
Dade City	7	Jupiter	8	Orange City	4	Tallahassee	1		
Dania Beach	1	Kenneth City	1	Orlando	42	Tarpon Springs	15		
Davenport	8	Keystone Heights	1	Ormond Beach	19	Tavares	21		
Daytona Beach	34	Kissimmee	2	Oviedo	10	Temple Terrace	4		
Daytona Beach Shores	3	LaBelle	3	Palatka	24	Titusville	30		
DeBary	1	Lady Lake	40	Palm Bay	4	Umatilla	5		
DeFuniak Springs	1	Lake Alfred	15	Palm Beach Gardens	5	Venice	13		
DeLand	18	Lake Buena Vista	1	Palm Coast	6	Waldo	1		

CourtSmart Tag Report

Room: KB 412
Caption:

Case No.: -
Judge:

Type:

Started: 10/11/2021 3:00:34 PM

Ends: 10/11/2021 5:33:27 PM

Length: 02:32:54

3:00:33 PM	Meeting called to order; roll call
3:00:41 PM	Quorum present
3:01:08 PM	Chair Rodrigues makes announcements; annouces Sen. Bean is excused
3:03:28 PM	Sen. Gibson asks a question
3:06:07 PM	Chair Rodrigues responds
3:07:07 PM	Sen. Stewart asks a question.
3:07:34 PM	Chair Rodrigues responds
3:07:40 PM	Sen. Rouson asks a question
3:09:06 PM	Chair Rodrigues responds
3:10:36 PM	Sen. Rouson asks a follow-up
3:10:45 PM	Chair Rodrigues repsonds
3:11:52 PM	Sen. Rouson asks a follow-up question
3:13:10 PM	Chair Rodrigues responds
3:13:16 PM	Tab 1:Walkthrough of FloridaRedistricting.gov by Jay Ferrin, Staff Director
3:36:09 PM	Sen. Gibson asks a question
3:36:24 PM	Jay Ferrin, Staff Director responds
3:37:59 PM	Sen. Gibson asks a follow-up question
3:38:29 PM	Jay Ferrin, Staff Director responds
3:39:40 PM	Sen. Gibson asks a follow-up question
3:40:59 PM	Jay Ferrin, Staff Director responds
3:44:12 PM	Sen. Gibson asks a question
3:44:54 PM	Jay Ferrin, Staff Director responds
3:45:46 PM	Tab 2: Introduction to Redistricting Law presented by Daniel Nordby, Shutts & Bowen LLP
4:08:04 PM	Sen. Bracy asks a question
4:08:15 PM	Daniel Nordby, Shutts & Bowen LLP responds
4:17:00 PM	Sen. Rouson asks a question
4:17:22 PM	Daniel Nordby, Shutts & Bowen LLP responds
4:31:32 PM	Sen. Bracy asks a question
4:32:09 PM	Daniel Nordby, Shutts & Bowen LLP responds
4:33:50 PM	Sen. Stewart asks a question
4:33:58 PM	Daniel Nordby, Shutts & Bowen LLP responds
4:35:16 PM	Sen. Bracy asks a question
4:35:26 PM	Daniel Nordby, Shutts & Bowen LLP responds
4:36:11 PM	Tab 3: 2022 Redistricting Application Demonstration presented by Jay Ferrin, Staff Director
5:07:34 PM	Sen. Bracy asks a question
5:08:46 PM	Chair Rodrigues responds
5:09:23 PM	Sen. Bracy asks a follow-up question
5:09:40 PM	Chair Rodrigues responds
5:11:31 PM	Sen. Bracy asks a follow-up question
5:11:44 PM	Chair Rodrigues responds
5:12:35 PM	Sen. Gibson asks a question
5:16:31 PM	Jay Ferrin, Staff Director responds
5:18:00 PM	Sen. Gibson asks a follow-up question
5:18:17 PM	Jay Ferrin, Staff Director responds
5:18:57 PM	Sen. Gibson asks a follow-up question
5:19:38 PM	Chair Rodrigues responds
5:21:17 PM	Sen. Rouson asks a question
5:21:35 PM	Chair Rodrigues responds
5:22:32 PM	Tab 4: Public Comment
5:22:49 PM	Cecile Scoon, President of League of Women Voters gives public comment
5:30:46 PM	Chair Rodrigues gives closing remarks
5:33:02 PM	Vice Chair Broxson moves to adjourn

5:33:16 PM Meeting Adjourned



THE FLORIDA SENATE

Tallahassee, Florida 32399-1100

COMMITTEES:

Appropriations Subcommittee on Health and Human Services, *Chair*
Appropriations, *Vice Chair*
Environment and Natural Resources
Health Policy
Reapportionment
Rules

SELECT SUBCOMMITTEE:

Select Subcommittee on Congressional Reapportionment

JOINT COMMITTEE:

Joint Legislative Budget Commission

SENATOR AARON BEAN

President Pro Tempore
4th District

October 10, 2021

Senator Ray Wesley Rodrigues
Chair, Reapportionment
305 Senate Building
404 South Monroe Street
Tallahassee, FL 32399

Dear Chairman Rodrigues:

Please excuse my absence from your Reapportionment Committee scheduled on Monday, October 11, 2021. Unfortunately, due to a previously scheduled event I am unable to attend.

I appreciate your consideration of this request.

Sincerely,

A handwritten signature in blue ink that reads "Aaron Bean". The signature is written in a cursive, flowing style.

Aaron Bean
Florida State Senator | District 4

/da

REPLY TO:

- ☐ Duval Station, 13453 North Main Street, Suite 301, Jacksonville, Florida 32218 (904) 757-5039 FAX: (888) 263-1578
- ☐ 404 Senate Building, 404 South Monroe Street, Tallahassee, Florida 32399-1100 (850) 487-5004 FAX: (850) 410-4805

Senate's Website: www.flsenate.gov

WILTON SIMPSON
President of the Senate

AARON BEAN
President Pro Tempore