

GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2005

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HOUSE DRH70300-LB-176 (3/30)

Short Title: Redistricting Reform/Constitutional.

(Public)

Sponsors: Representative Dollar.

Referred to:

A BILL TO BE ENTITLED

AN ACT TO AMEND THE CONSTITUTION TO REFORM LEGISLATIVE AND
CONGRESSIONAL REDISTRICTING.

The General Assembly of North Carolina enacts:

SECTION 1. Section 3 of Article II of the Constitution of North Carolina
reads as rewritten:

"Sec. 3. Senate districts; apportionment of Senators.

The Senators shall be elected from districts. ~~The General Assembly, at the first~~
~~regular session convening~~ An agency in the executive branch designated by law,
beginning as soon as practical after the return of every decennial census of population
taken by order of Congress, shall ~~revise~~ supervise the revision of the senate districts and
the apportionment of Senators among those ~~districts,~~ districts by the people of North
Carolina, according to the process described in Section 26 of this Article, subject to the
requirements in that section and the following requirements:

(1) Each Senator shall ~~represent, as nearly as may be, an equal~~ represent a
number of inhabitants, inhabitants which shall not differ from the ideal by more than
five percent, the ideal number of inhabitants that each Senator represents being
determined for this purpose by dividing the population of the ~~district that he represents~~
State by the number of Senators apportioned to that district;50.

(2) ~~Each senate district shall at all times consist of contiguous territory;~~

(3) ~~No county shall be divided in the formation of a senate district;~~

(4)(2) ~~When established, the senate districts and the apportionment of Senators shall~~
remain unaltered until the return of another decennial census of population taken by
order of Congress."

SECTION 2. Section 5 of Article II of the Constitution of North Carolina
reads as rewritten:

"Sec. 5. Representative districts; apportionment of Representatives.

1 The Representatives shall be elected from districts. ~~The General Assembly, at the~~
2 ~~first regular session convening~~ An agency in the executive branch, beginning as soon as
3 practical after the return of every decennial census of population taken by order of
4 Congress, shall ~~revise~~ supervise the revision of the representative districts and the
5 apportionment of Representatives among those ~~districts~~, districts by the people of North
6 Carolina, according to the process described in Section 26 of this Article, subject to the
7 requirements in that section and the following requirements:

8 (1) Each Representative shall ~~represent, as nearly as may be, an equal~~ represent a
9 number of inhabitants, inhabitants which shall not differ from the ideal by more than
10 five percent, the ideal number of inhabitants that each Representative represents being
11 determined for this purpose by dividing the population of the district that he represents
12 State by the number of Representatives apportioned to that district; 120.

13 (2) ~~Each representative district shall at all times consist of contiguous territory;~~

14 (3) ~~No county shall be divided in the formation of a representative district;~~

15 (4)(2) ~~When established, the representative districts and the apportionment of~~
16 ~~Representatives shall remain unaltered until the return of another decennial census of~~
17 ~~population taken by order of Congress."~~

18 **SECTION 3.** Section 6 of Article II of the Constitution of North Carolina
19 reads as rewritten:

20 "**Sec. 6. Qualifications for Senator.**

21 Each Senator, at the time of his election, shall be not less than 25 years of age, shall
22 be a qualified voter of the State, and shall have resided in the State as a citizen for two
23 years and in the district for which he is chosen for one year immediately preceding his
24 ~~election.~~ election, unless the boundaries of any senate district were revised less than 15
25 months before the general election, in which case he shall have established residence in
26 the district no later than three months after the date the boundaries were last revised."

27 **SECTION 4.** Section 7 of Article II of the Constitution of North Carolina
28 reads as rewritten:

29 "**Sec. 7. Qualifications for Representative.**

30 Each Representative, at the time of his election, shall be a qualified voter of the
31 State, and shall have resided in the district for which he is chosen for one year
32 immediately preceding his ~~election.~~ election, unless the boundaries of any representative
33 district were revised less than 15 months before the general election, in which case he
34 shall have established residence in the district no later than three months after the date
35 the boundaries were last revised."

36 **SECTION 5.** Article II of the Constitution of North Carolina is amended by
37 adding a new section to read:

38 "**Sec. 25. Congressional districts.**

39 Members of the House of Representatives of the Congress of the United States shall
40 be elected from districts. An executive branch agency designated by law, beginning as
41 soon as practical after the return of the decennial census of population taken by order of
42 Congress, shall supervise the revision of the congressional districts and the
43 apportionment of Representatives among those districts by the people of North

1 Carolina, according to the process described in Section 26 of this Article, subject to the
2 requirements of that section and the following requirements:

3 (1) Each Representative shall represent a number of inhabitants which shall not
4 differ from the ideal by more than the lesser of five percent or the limit set by federal
5 law, the ideal number of inhabitants that each Representative represents being
6 determined for this purpose by dividing the population of the State by the number of
7 United States House seats to which North Carolina is entitled by federal law.

8 (2) When established, the congressional districts shall remain unaltered until the
9 return of another decennial census population taken by order of Congress."

10 **SECTION 6.** Article II of the Constitution of North Carolina is amended by
11 adding a new section to read:

12 **"Sec. 26. Process of defining districts.**

13 (1) Legislative and congressional districts shall be revised by the citizens of
14 North Carolina, under the supervision of an agency in the executive branch designated
15 by law, hereafter referred to as "the agency". The General Assembly shall not adopt any
16 legislative or congressional district plan.

17 (2) Any citizen of the State of North Carolina may submit one or more proposed
18 redistricting plans to the agency for any or each type of district: North Carolina House
19 of Representatives, North Carolina Senate, and United States House of Representatives.

20 (3) Each plan submitted to the agency shall be accompanied by a nonrefundable
21 fee of one hundred dollars (\$100.00), unless waived under subsection (9) of this section.

22 (4) The proposed redistricting plans shall be submitted to the agency
23 electronically, in a manner and format to be determined by the agency for the mutual
24 convenience of the citizens and the agency.

25 (5) The agency shall have the responsibility for evaluating each such plan
26 according to the criteria of this Article. Each plan shall first be evaluated for compliance
27 with the mandatory requirements. Plans which do not comply with the mandatory
28 requirements shall not be scored for quality. Plans which comply with the mandatory
29 requirements shall be scored for quality according to the criteria of this section.

30 (6) The agency shall accept the proposed redistricting plans for a Submission
31 Period of 90 days. At the end of the Submission Period, the agency shall announce
32 which submitted plan for each type of district had the highest total quality score. Those
33 plans shall be adopted to define the legislative and congressional districts until the
34 return of another decennial census of population taken by order of Congress, except if
35 the agency determines that a plan does not comply with federal law it shall not be
36 adopted, and the agency shall instead adopt the plan complying with federal law that has
37 the highest total quality score.

38 (7) Each weekday during the Submission Period, or as frequently as practical, but
39 not less than once per week, the agency shall post on its Web site the 10 highest-scoring
40 proposed plans received so far for each type of district, based on each plan's total quality
41 score. The highest-scoring plan for each type of district shall be called the Leading Plan
42 for that day.

43 (8) Each proposed plan submitted to the agency shall become public information.
44 Both the data file defining each plan and each plan's total quality score and component

1 scores shall be made public as quickly as practical on the agency's Web site, so that
2 other citizens may use them when creating other proposed plans.

3 (9) The fee for submitting a plan shall be waived or refunded if that plan is
4 determined by the agency to be the Leading Plan for the day.

5 (10) The State of North Carolina shall create, place into the public domain, and
6 make available to the public computer software for designing and scoring redistricting
7 plans, including the software that the agency uses to evaluate proposed plans. The
8 source code for all such software shall also be placed into the public domain, and made
9 available to the public. Such software may be dependent upon the use of commercially
10 available software, but the cost of the required commercially available software shall be
11 as small as practical to avoid being an impediment to citizen participation in the
12 redistricting process.

13 (11) The following are mandatory requirements for all proposed redistricting
14 plans:

15 (a) Each district shall consist of contiguous territory. Point-contiguity
16 shall not be considered contiguous.

17 (b) One and only one person shall represent each district.

18 (c) The districts shall comply with federal law.

19 (12) The total quality score for each proposed redistricting plan shall be computed
20 as the sum of three component scores, each of which is chosen to achieve a particular
21 goal. The three goals are: compactness; one person, one vote; and minimizing the
22 number of split counties, municipalities, and precincts:

23 (a) The goal of compactness is to avoid elongated and irregular districts.
24 The component score which quantifies this goal shall be the Reock
25 quotient for the plan. The 'Reock quotient for the plan' means the
26 average of the Reock quotients for each proposed district in the plan.
27 The Reock quotient for a district is the area of the district divided by
28 the area of the smallest possible enclosing circle, a number between 0
29 and 1.

30 (b) The goal of one person, one vote is to ensure that each voter's vote is
31 of equal importance. The component score that quantifies this goal
32 shall be computed as follows: First, compute X, the 'ideal district
33 voting strength,' which means the total number of votes cast in the
34 most recent gubernatorial election divided by the number of districts in
35 the State. Then, for each proposed district, compute Y, the number of
36 those voters who resided in the proposed district. Then, for each
37 proposed district, divide the smaller of X and Y by the larger of X and
38 Y, resulting in a number between 0 and 1. Finally, average these
39 quotients for all the districts in the plan.

40 (c) The goal of minimizing the number of split counties, municipalities,
41 and precincts is quantified by calculating a component score as
42 follows: First, for each county, municipality, or precinct (hereafter
43 'geographic entity') which the plan splits, calculate the number of
44 'excess splits,' and cube that number. Then sum these cubed numbers,

