

From: [REDACTED]
 To: betzen@aqd.com; redistricting; Noff, Christopher
 Subject: Letter to Redistricting Commission with chart on minority district winnability for the dozen maps producing the most winnable minority districts.
 Date: Thursday, April 21, 2022 1:41:40 AM

External Email!

Honorable Chairman Jesse Oliver and the Dallas Redistricting Commission,

Below please find a chart I did of the maps you are studying for acceptance and then to use as a platform for any amendments you would vote to apply. They are the maps that best achieve the Civil Rights goals of maximizing minority participation in our Dallas City Government. These maps produced the most districts that have the highest potential for selecting a minority candidate. It is clearly shown that 9 winnable minority districts are possible. It also shows that 5 winnable Black Districts are possible but not without destroying the potential for a 4th Hispanic District and a 9th winnable minority opportunity district.

Since the concept of winnability is subjective I use three different measurements: ppb, pph, and ppw. They tell the strength of a minority group in winning a district by telling you how many percentage points exist between the highest VAP percentage racial/ethnic group in a district and the next highest percentage racial/ethnic group. It then identifies that second-place group as either Black, Hispanic or White-Non-Hispanic. This measurement system is used throughout the chart to achieve some objectivity. Since we know CVAP percentages are generally only about 61% of Hispanic VAP percentages but average usually 30% higher than Black and White-non-Hispanic VAP percentages, we can make winnability estimations accordingly.

Obviously, this is only a crude measure, but it lends some level of objectivity to a very human process.

To double-check the calculations I have made in this chart it is recommended you randomly select any number in the chart and check it with the identified map VAP data for the district you want to check. Please let me know immediately if you find any errors. I hope there are none, but it is very possible as this involved multiple calculations.

The numbers 1, 2, 3 & 4 at the top of the four columns for Black Districts and for Hispanic Districts are simply to identify the columns and not to be confused with district numbers. The goal is 4 winnable districts each plus the Minority Opportunity District in the last column as the ninth winnable district. I value any questions you may have. The chart is below.

Thank you for the critical work you are doing for our city and the thousands of communities it includes.

Gratefully,

Bill Betzen

Bill Betzen, volunteer
 School Time Capsule Postmaster
 Supported by LULAC NESC Dallas, (National Education Service Center)

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Maps producing closest to 9 winnable Minority Districts using VAP percentage point advantage over second place racial group VAP percentage																								
Map Author(s)	Date Sent in	COD number	Max. Total Deviation	Perimeter	Neighborhood Assn Splits	Winnable Black Dist.	Winnable Hispanic Dist.	Winnable Black Districts with percentage point advantage over nearest challenger group (W or H) with District # (D#) and recorded as pph or ppw.				Winnable Hispanic Districts with percentage point advantage over nearest challenger group (W or B) with District # (D#) and recorded as ppw or ppb.				Opportunity District Percent Minority								
								D#	1	D#	2	D#	3	D#	4		D#	1	D#	2	D#	3	D#	4
3 Commissioners	3/5/22	017	9.95%	43.8	25	4	3	3	15.1 pph	4	8.2 pph	8	5.8 pph	7	3.5 pph	1	72 ppB	5	58.7 ppB	6	48.2W	2??	9.3 ppW	107-61.5%
Norma Minnis	3/23/22	020	8.01%	46.1	53	4	3	4	19.2 pph	3	14.2 pph	8	2.5 pph	10	17.5 ppW	5	48.3 ppW	2	47.9 ppW	6	41.5 ppB	7?	29.5 ppB	1-71.4%
Bill Betzen	4/1/22	025	9.46%	42	63	4	4	3	35.4ppH	8	11.3ppH	4	1.5ppH	10	21.6 ppW	1	64.4 ppW	5	57.9 ppB	6	53.7 ppB	2	37.8 ppB	7-79%
VanLandingham	4/2/22	026	8.18%	44.3	39	4	3+1?	8	9.9pph	3	14.4pph	4	4.12pph	10	11.2ppw	6	63.24ppb	5	57.44ppb	1	44.44ppw	7	11.54 ppb	
Kevin Felder	4/3/22	027	8.43%	44.7	42	4	3	3	18.76 pph	8	5.73 pph	7	1.95 pph	4	1.21 pph	1	66.9 pph	5	59.43 pph	6	44.8 ppw	2?	6.95 ppw	7-88.17%
Wm. Hoyt	4/14/22	035	7.92%	42.3	65	4	4	3	34.97 pph	8	11.2 pph	4	1.5 pph	10	21.21 ppw	1	64.53 ppw	5	57.67 pph	6	53.96	2	37.15 pph	7-77.49%
Bill Betzen	4/15/22	038	8.90%	42.8	39	4	4	3	35.2 pph	8	10.8 pph	4	2.2 pph	10	21.5 ppw	1	63.6 ppw	5	57.5 ppb	6	54.1 ppb	2	38.4 ppb	7-79.3%
Kevin Felder	4/15/22	039	6.37%	46	51	5	3	4	8.49 pph	8	4.46 pph	7	3.43 pph	3	4.08 pph	5	59.16 ppw	1	56.56 ppw	6	51.67 ppw	2	1.33 ppw	D10 16.12% ppw
Domingo Garcia	4/15/22	040	8.71%	43	58	4	4	3	34.32 pph	8	11.26 pph	4	1.89	10	21.59 ppw	1	65.06 ppw	5	57.88 ppb	6	52.08 ppw	2	35.4 ppb	7-78.95%
VanLandingham	4/15/22	041	9.45%	43	36	4?	3?	8	7.33 pph	3	6.42 pph	4	-1.11	7	-6.11 pph	5	47.5 ppb	6	53.23 ppb	1	45.14 ppw	7	6.11 ppb	2 2.99 ppw
VanLandingham	4/15/22	042	9.01%	43.3	38	4?	3?	8	7.33 pph	3	6.42 pph	4	-1.11	7	-6.04 pph	1	54.27 ppw	5	47.5 ppb	6	48.27 ppb	7	6.04 ppb	2 3.0 ppw
Jeff Kitner	4/15/22	043	2.66%	39.7	41	3?	3?	8	8.08 pph	3	10.75 pph	4	-8.16	10	4.14 ppw	1	67.11 ppb	5	41.24 ppb	6	34.02 ppb	7	17.39	2 8.2 ppw
Sarah Evans	4/15/22	044	4.33%	38.1	29	4?	3?	4	12.75 pph	3	11.2 pph	8	5.75 pph	10	5.07 ppw	1	53.23 ppw	5	46.81 ppb	7	31.94 ppb	6	6.32 ppw	2 27.28 ppw

Due to CVAP a 50+ percentage point advantage over the next highest White or Black VAP percentage is needed to make an average Hispanic District comfortably winnable.

A simple Black Plurality creates a winnable Black District. This is due to CVAP and the inability for about 38 percent of Hispanic adults to vote.

This chart was made using the maps posted as of today and producing the most winnable minority districts out of the 14 Dallas City Council Districts. Compiled by Bill Betzen 4/20/31. bbetzen@aqd.com

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Maps producing closest to 9 winnable Minority Districts using VAP percentage point advantage over second place racial group VAP percentage

Map Author(s)	Date Sent in	COD number	Max. Total Deviation	Perimeter:	Neighborhood Assn. Splits	Winnable Black Dist.	Winnable Hispanic Dist.	Winnable Black Districts with percentage point advantage over nearest challenger group (W or H) with District # (D#) and recorded as pph or ppw.								Winnable Hispanic Districts with percentage point advantage over nearest challenger group (W or B) with District # (D#) and recorded as ppw or ppb.								Opportunity District Percent Minority
								D#	1	D#	2	D#	3	D#	4	D#	1	D#	2	D#	3	D#	4	
3 Commissioners	3/5/22	017	9.95%	43.8	25	4	3	3	15.1 pph	4	8.2 pph	8	5.8 pph	7	3.5 pph	1	72 ppB	5	58.7 ppB	6	48.2W	2??	9.3 ppW	10?-61.5%
Norma Minnis	3/23/22	020	8.01%	46.1	53	4	3	4	19.2 pph	3	14.2 pph	8	2.5 pph	10	17.5 ppW	5	48.3 ppW	2	47.9 ppW	6	41.5 ppB	7?	29.5 ppB	1-71.4%
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