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**To:** [Senate Redistricting](#)  
**Subject:** INETMAIL: Redistricting Public Input  
**Date:** Sunday, September 19, 2021 3:57:46 PM  
**Attachments:** [Texas 2021 Congressional Redistricting 9-18-21.pdf](#)

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Regarding: Congressional

Message:

The attached two-page analysis presents information from a 30,000 ft view for redistricting Texas 38 Congressional districts.

A 30,000 ft. view shows where Texas two new Congressional districts should be located. It does not define district boundaries which will only come from a ground-level view

[REDACTED]

September 18, 2021

## Texas 2021 Congressional Redistricting

The US Census of 2020 has determined that Texas should have 38 US Congressional Seats. This apportionment is analogous to a satellite view of the US and Texas using the 2020 Census data. But this satellite view does not tell where the two new seats should be located and what current districts should be carved-up to accommodate the two new districts.

Perhaps a 30,000 ft look at the census data is warranted before getting to a ground-level redistricting plan. So where should we begin? A quote from the September 8, 2021, Texas Demographics Center article, "Population Change for Texas Counties, 2010-2020," answers that question. The article states, "Between 2010 and 2020, most of the growth occurred in the Texas Triangle and concentrated in suburban areas of Houston, San Antonio, Austin, Dallas and Ft. Worth."

### But Which Suburban Area?

What does a 30,00 ft look at the 2020 Census data show for these four suburban areas?

Below is a table showing the number of Congressional seats that would be ideally allocated in the four major Texas Metroplex areas. The number of seats in each area was determined by dividing the Total Population by the Ideal Population per seat in each census. The change in number of seats results from subtracting the 2010 seats from the 2020 seats.

The change in seats for the San Antonio area is 0.26 seats and the Austin area is 0.52 seats. With only 3 seats total to work within each of these two areas, it would be very difficult to carve-out another seat in either of these two areas.

That is not the case for the Houston and DFW areas since these areas have over 9 seats and over 7 seats respectively to work with.

From this data, the Houston and DFW areas should see a carve-out of one new seat on the final redistricting map.

### Population of Texas Major Metroplexes\* and New Congressional Districts

	2010 Census		2020 Census		
**Ideal Population per Seat		698,488		767,987	
*Metroplex	Total Population	# of Seats	Total Population	# of Seats	Change in # of Seats
Houston	5,891,999	8.44	7,092,093	9.23	0.80
DFW	4,471,379	6.40	5,426,792	7.07	0.66
Austin	1,769,536	2.53	2,343,875	3.05	0.52
San Antonio	2,142,508	3.07	2,558,233	3.33	0.26

\*Metroplex consists of counties adjacent to central county(ies)

\*\*Ideal Population per Seat from [Apportionment and Ideal Population \(texas.gov\)](#)

Population data from [TDC - Redistricting Data for Texas Counties, 2000-2020](#)

## And What Counties in the Houston and DFW Areas?

A 30,00 ft view will also reveal where each new seat should be located within the Houston and DFW areas. The tables below show the number of seats in the adjacent counties in the four quadrants (North, East, South, and West) surrounding the central county or counties of the area.

The answer for the locations of a new Congressional district in the DFW area is very obvious. The Northern quadrant counties of Collin, Denton, and Wise account for the largest increase in number of seats in the area. Also, with 2.66 seats to work with, these three counties can easily be carved-up and added-to to make a new district in North Texas,

However, the 30,00 ft view of the Houston area does not reveal an easy answer. The increases in the North and West when combined only equal 0.41 seats, unlike the 0.50 increase for the North quadrant of the DFW area. So, Harris County's increase in seats of 0.30 will have to be accounted for. It appears that the carve-out for a new Congressional district in the Houston area will be from the Northern and Western counties. The location of the population growth in Harris County will likely determine whether a new seat is located closer to the West (Ft. Bend County) or to the North (Montgomery County).

### Relative Location of Texas New Congressional Districts

		2010 Census		2020 Census		
<b>Houston</b>		**Ideal Population per Seat				
			698,488		767,987	
Relative Location to Harris County	County	Total Population	# of Seats	Total Population	# of Seats	Change in # of Seats
Same	Harris	4,092,459	5.86	4,731,145	6.16	0.30
North	Montgomery	455,746	0.65	620,443	0.81	0.16
East	Liberty	75,643	0.11	91,628	0.12	0.01
	Chambers	35,096	0.05	46,571	0.06	0.01
	Subtotal	110,739	0.16	138,199	0.18	0.02
South	Galveston	291,309	0.42	350,682	0.46	0.04
	Brazoria	313,166	0.45	372,031	0.48	0.04
	Subtotal	604,475	0.87	722,713	0.94	0.08
West	Fort Bend	585,375	0.84	822,799	1.07	0.23
	Waller	43,205	0.06	56,794	0.07	0.01
	Subtotal	628,580	0.90	879,593	1.15	0.25
Total Population		5,891,999	8.44	7,092,093	9.23	0.80

		2010 Census		2020 Census		
<b>DFW</b>		**Ideal Population per Seat		698,488		767,987
Relative Location to Dallas & Tarrant County	County	Total Population	# of Seats	Total Population	# of Seats	Change in # of Seats
Same	Dallas	2,368,139	3.39	2,613,539	3.40	0.01
North	Collin	782,341	1.12	1,064,466	1.39	0.27
	Denton	662,614	0.95	906,422	1.18	0.23
	Wise	59,127	0.08	68,632	0.09	0.00
	<b>Subtotal</b>	<b>1,504,082</b>	<b>2.15</b>	<b>2,039,520</b>	<b>2.66</b>	<b>0.50</b>
East	Kaufman	103,350	0.15	145,310	0.19	0.04
	Rockwall	78,337	0.11	107,819	0.14	0.03
	<b>Subtotal</b>	<b>181,687</b>	<b>0.26</b>	<b>253,129</b>	<b>0.33</b>	<b>0.07</b>
South	Ellis	149,610	0.21	192,455	0.25	0.04
	Johnson	150,934	0.22	179,927	0.23	0.02
	<b>Subtotal</b>	<b>300,544</b>	<b>0.43</b>	<b>372,382</b>	<b>0.48</b>	<b>0.05</b>
West	Parker	116,927	0.17	148,222	0.19	0.03
<b>Total Population</b>		<b>4,471,379</b>	<b>6.40</b>	<b>5,426,792</b>	<b>7.07</b>	<b>0.66</b>

Conclusions from a 30,000 ft view are:

1. The two new Texas Congressional Districts should be located in the Houston and DFW Metroplex areas.
2. One new Congressional district should be carved out of and principally located in Collin, Denton, and Wise Counties.
3. One new Congressional district should be carved out of Montgomery, Waller, Ft. Bend, and northern and western Harris counties. The principal location to be determined.

Ben Brown

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Fairview, Collin County, Texas ██████████

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