

DeWitt County, Texas

Adopted Plan

Statistical Measures of Population Equality
 Not Including Prison Population (County Population 18,766)

Commissioner Precinct	Actual Population	Ideal Population	Absolute Deviation	Relative Deviation
Precinct 1	4,729	4,692	37	0.79%
Precinct 2	4,650	4,692	-42	-0.90%
Precinct 3	4,683	4,692	-9	-0.19%
Precinct 4	4,704	4,692	12	0.26%
Total Population	18,766			

Ideal Population is defined as (total county population divided by 4). Absolute and Relative (%) Deviations are difference in actual and ideal.

-42 to 37 **Absolute Range** is the spread in absolute deviation from the smallest precinct to the largest.

-0.90% to 0.79% **Relative Range** is the spread in relative deviation (%) from the smallest precinct to the largest.

25 **Absolute Mean Deviation** is the average deviation, which is calculated by adding all the absolute deviations (ignoring "+" and "-" signs) and dividing by 4.

0.53% **Relative Mean Deviation** is the average deviation, which is calculated by adding all the relative deviations (ignoring "+" and "-" signs) and dividing by 4.

14.49 **Standard Deviation of Population** is the square root of the sum of the squares of all the absolute deviations divided by 4.

0.31% **Standard Deviation of Relative Deviations** is the square root of the sum of the squares of all the relative (%) deviations divided by 4.

2.13% **Total Absolute Deviation** is the sum of all relative deviations (ignoring "+" and "-" signs).

1.68%	Total Maximum Deviation is the sum of the relative deviations (%) of the smallest and largest precincts, (ignoring "+" and "-" signs).
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Statistical Measures of Population Equality
Including Prison Population (County Population 20,097)

Commissioner Precinct	Actual Population	Ideal Population	Absolute Deviation	Relative Deviation
Precinct 1	6,060	5,024	1,036	20.62%
Precinct 2	4,650	5,024	-374	-7.44%
Precinct 3	4,683	5,024	-341	-6.79%
Precinct 4	4,704	5,024	-320	-6.37%
Total Population	20,097			

Ideal Population is defined as (total county population divided by 4). Absolute and Relative (%) Deviations are difference in actual and ideal.

-374 to 1,036 **Absolute Range** is the spread in absolute deviation from the smallest precinct to the largest.

-7.44% to 20.62% **Relative Range** is the spread in relative deviation (%) from the smallest precinct to the largest.

517.75 **Absolute Mean Deviation** is the average deviation, which is calculated by adding all the absolute deviations (ignoring "+" and "-" signs) and dividing by 4.

10.31% **Relative Mean Deviation** is the average deviation, which is calculated by adding all the relative deviations (ignoring "+" and "-" signs) and dividing by 4.

299.15 **Standard Deviation of Population** is the square root of the sum of the squares of all the absolute deviations divided by 4.

5.95% **Standard Deviation of Relative Deviations** is the square root of the sum of the squares of all the relative (%) deviations divided by 4.

41.22% **Total Absolute Deviation** is the sum of all relative deviations (ignoring "+" and "-" signs).

28.07%	Total Maximum Deviation is the sum of the relative deviations (%) of the smallest and largest precincts, (ignoring "+" and "-" signs).
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Inmate Population Analysis

Prison Name	Anglo	Black	Hispanic	Other	Prison Total	VTD#	Census Block
Stevenson	330	359	634	8	1,331	0026	481239702002018

DeWitt County, Texas

Adopted Plan

Analysis of Population in Commissioner Precincts based on 2010 Census data
Not Including Prison Population

Ethnic Background of Total Population

	Anglo	Black	Amer. Indian	Asian	Hispanic	Hawaii/Pac. Is.	Other	Multi Race	Prec. Total	% of County
Precinct 1	1,884	783	5	15	1,920	0	72	50	4,729	25.20%
Precinct 2	2,848	287	7	14	1,451	0	2	41	4,650	24.78%
Precinct 3	3,014	133	9	0	1,505	0	5	17	4,683	24.95%
Precinct 4	3,406	219	20	15	992	0	11	41	4,704	25.07%
County Total	11,152	1,422	41	44	5,868	0	90	149	18,766	100.00%
% of County	59.43%	7.58%	0.22%	0.23%	31.27%	0.00%	0.48%	0.79%	100.00%	

Ethnic Background as a % of Total Population

	Anglo	Black	Amer. Ind.	Asian	Hispanic	Haw/Pac	Other	Multi	% Total
Precinct 1	39.84%	16.56%	0.11%	0.32%	40.60%	0.00%	1.52%	1.06%	100.00%
Precinct 2	61.25%	6.17%	0.15%	0.30%	31.20%	0.00%	0.04%	0.88%	100.00%
Precinct 3	64.36%	2.84%	0.19%	0.00%	32.14%	0.00%	0.11%	0.36%	100.00%
Precinct 4	72.41%	4.66%	0.43%	0.32%	21.09%	0.00%	0.23%	0.87%	100.00%

Ethnic Background of Voting Age Population

	Anglo	Black	Amer. Indian	Asian	Hispanic	Hawaii/Pac. Is.	Other	Multi Race	Prec. Total	% of County
Precinct 1	1,578	571	5	7	1,302	0	35	20	3,518	24.65%
Precinct 2	2,305	220	5	11	919	0	0	13	3,473	24.33%
Precinct 3	2,486	103	7	0	1,041	0	2	13	3,652	25.59%
Precinct 4	2,780	165	14	10	643	0	6	12	3,630	25.43%
County Total	9,149	1,059	31	28	3,905	0	43	58	14,273	100.00%
% of County	64.10%	7.42%	0.22%	0.20%	27.36%	0.00%	0.30%	0.41%	100.00%	

Ethnic Background as a % of Voting Age Population

	Anglo	Black	Amer. Ind.	Asian	Hispanic	Haw/Pac	Other	Multi	% Total
Precinct 1	44.86%	16.23%	0.14%	0.20%	37.01%	0.00%	0.99%	0.57%	100.00%
Precinct 2	66.37%	6.33%	0.14%	0.32%	26.46%	0.00%	0.00%	0.37%	100.00%
Precinct 3	68.07%	2.82%	0.19%	0.00%	28.50%	0.00%	0.05%	0.36%	100.00%
Precinct 4	76.58%	4.55%	0.39%	0.28%	17.71%	0.00%	0.17%	0.33%	100.00%