

# Lee County, Texas

## Adopted Plan

Statistical Measures of Population Equality  
(County Population 16,612)

| Commissioner<br>Precinct | Actual<br>Population | Ideal<br>Population | Absolute<br>Deviation | Relative<br>Deviation |
|--------------------------|----------------------|---------------------|-----------------------|-----------------------|
| Precinct 1               | 4,211                | 4,153               | 58                    | 1.40%                 |
| Precinct 2               | 4,057                | 4,153               | -96                   | -2.31%                |
| Precinct 3               | 4,209                | 4,153               | 56                    | 1.35%                 |
| Precinct 4               | 4,135                | 4,153               | -18                   | -0.43%                |
| <b>Total Population</b>  | <b>16,612</b>        |                     |                       |                       |

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

- 96 to 58
**Absolute Range** is the spread in absolute deviation from the smallest precinct to the largest.
- 2.31% to 1.40%
**Relative Range** is the spread in relative deviation (%) from the smallest precinct to the largest.
- 57
**Absolute Mean Deviation** is the average deviation, which is calculated by adding all the absolute deviations (ignoring "+" and "-" signs) and dividing by 4.
- 1.37%
**Relative Mean Deviation** is the average deviation, which is calculated by adding all the relative deviations (ignoring "+" and "-" signs) and dividing by 4.
- 31.66
**Standard Deviation of Population** is the square root of the sum of the squares of all the absolute deviations divided by 4.
- 0.76%
**Standard Deviation of Relative Deviations** is the square root of the sum of the squares of all the relative (%) deviations divided by 4.
- 5.49%
**Total Absolute Deviation** is the sum of all relative deviations (ignoring "+" and "-" signs).
- 3.71%
**Total Maximum Deviation** is the sum of the relative deviations (%) of the smallest and largest precincts, (ignoring "+" and "-" signs).

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## Adopted Plan

Analysis of Population in Commissioner Precincts based on 2010 Census data

### Ethnic Background of Total Population

|              | Anglo  | Black  | Amer. Indian | Asian | Hispanic | Hawaii/Pac. Is. | Other | Multi Race | Prec. Total | % of County |
|--------------|--------|--------|--------------|-------|----------|-----------------|-------|------------|-------------|-------------|
| Precinct 1   | 2,028  | 557    | 11           | 26    | 1,547    | 4               | 0     | 38         | 4,211       | 25.35%      |
| Precinct 2   | 2,816  | 278    | 7            | 11    | 892      | 2               | 0     | 51         | 4,057       | 24.42%      |
| Precinct 3   | 3,546  | 199    | 16           | 8     | 368      | 11              | 7     | 54         | 4,209       | 25.34%      |
| Precinct 4   | 2,408  | 738    | 10           | 7     | 917      | 0               | 0     | 55         | 4,135       | 24.89%      |
| County Total | 10,798 | 1,772  | 44           | 52    | 3,724    | 17              | 7     | 198        | 16,612      | 100.00%     |
| % of County  | 65.00% | 10.67% | 0.26%        | 0.31% | 22.42%   | 0.10%           | 0.04% | 1.19%      | 100.00%     |             |

### Ethnic Background as a % of Total Population

|            | Anglo  | Black  | Amer. Ind. | Asian | Hispanic | Haw/Pac | Other | Multi | % Total |
|------------|--------|--------|------------|-------|----------|---------|-------|-------|---------|
| Precinct 1 | 48.16% | 13.23% | 0.26%      | 0.62% | 36.74%   | 0.09%   | 0.00% | 0.90% | 100.00% |
| Precinct 2 | 69.41% | 6.85%  | 0.17%      | 0.27% | 21.99%   | 0.05%   | 0.00% | 1.26% | 100.00% |
| Precinct 3 | 84.25% | 4.73%  | 0.38%      | 0.19% | 8.74%    | 0.26%   | 0.17% | 1.28% | 100.00% |
| Precinct 4 | 58.23% | 17.85% | 0.24%      | 0.17% | 22.18%   | 0.00%   | 0.00% | 1.33% | 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   | 1,648  | 430    | 7            | 20    | 885      | 4               | 0     | 12         | 3,006       | 24.50%      |
| Precinct 2   | 2,232  | 184    | 7            | 5     | 463      | 1               | 0     | 19         | 2,911       | 23.73%      |
| Precinct 3   | 2,759  | 147    | 14           | 7     | 231      | 7               | 5     | 23         | 3,193       | 26.03%      |
| Precinct 4   | 1,960  | 570    | 9            | 6     | 585      | 0               | 0     | 27         | 3,157       | 25.74%      |
| County Total | 8,599  | 1,331  | 37           | 38    | 2,164    | 12              | 5     | 81         | 12,267      | 100.00%     |
| % of County  | 70.10% | 10.85% | 0.30%        | 0.31% | 17.64%   | 0.10%           | 0.04% | 0.66%      | 100.00%     |             |

### Ethnic Background as a % of Voting Age Population

|            | Anglo  | Black  | Amer. Ind. | Asian | Hispanic | Haw/Pac | Other | Multi | % Total |
|------------|--------|--------|------------|-------|----------|---------|-------|-------|---------|
| Precinct 1 | 54.82% | 14.30% | 0.23%      | 0.67% | 29.44%   | 0.13%   | 0.00% | 0.40% | 100.00% |
| Precinct 2 | 76.67% | 6.32%  | 0.24%      | 0.17% | 15.91%   | 0.03%   | 0.00% | 0.65% | 100.00% |
| Precinct 3 | 86.41% | 4.60%  | 0.44%      | 0.22% | 7.23%    | 0.22%   | 0.16% | 0.72% | 100.00% |
| Precinct 4 | 62.08% | 18.06% | 0.29%      | 0.19% | 18.53%   | 0.00%   | 0.00% | 0.86% | 100.00% |