# Florida Actual versus Expected Teen Births and Repeat Teen Births By County 2013 through 2015 

By: Angel Watson, MPH, RHIA<br>Florida Department of Health, Division of Community Health Promotion, Bureau of Family Health Services

## Introduction

In the United States, teen birth rates have reached historic lows with every state seeing declines over the past 20 years, except for a brief increase in 2006 and 2007 [1]. In Florida a total of 11,956 babies were born to teens aged 15-19 years in 2015, for a live birth rate of 20.3 per 1,000 teens in this age group. This is a record low for Florida teens in this age group, and a drop of $7.3 \%$ from 2014. Furthermore, birth rates fell $3.3 \%$ for teens aged $15-17$ years, and $8.5 \%$ for teens aged $18-19$ years [2]. Although reasons for the decline cannot be fully explained, according to the Centers for Disease Control and Prevention (CDC), teens appear to be less sexually active, and those teens who are sexually active seem to be using birth control more effectively [3].

While teen birth rates have declined, teen pregnancy prevention continues to be a public health priority. Studies show that pregnant teens are more likely than older women to receive late or no prenatal care, have gestational hypertension and anemia, and achieve poor maternal weight gain [4]. Teen mothers are also more likely than older mothers to have a pre-term delivery and low birthweight baby, increasing the risk of child developmental delay, illness, and mortality [5]. Additionally, teen mothers are less likely than their peers to complete high school and more likely to live below the poverty level and rely on public assistance [6]. Florida's Family Planning program plays a key role in the prevention of unintended or unwanted pregnancy, including teen pregnancy. Preventing unintended or unwanted pregnancy reduces the incidence of abortion and improves birth outcomes.

The purpose of this annual analysis is to identify geographic areas in the state where teen birth rates and repeat births to teens rates are statistically significantly higher than would be expected considering the unique demographics of each area. This information may be used to encourage further and more detailed analyses to investigate reasons for the higher than expected rates and to develop intervention strategies for improving the outcomes.

## Methods

In this analysis, the actual number of teen births and repeat teen births are compared to the expected number for each county. The expected numbers are calculated by applying the state rates to the data for each county. The assumption is the expected rates for the counties are equal to the statewide rates. The difference between the number of actual and expected births is also tested for statistical significance. In the following tables, an "H" appears for the counties where the number of actual births is statistically significantly higher than the expected number of births and an "L" appears for the counties where the number of actual births is statistically significantly lower than the expected number
of births. For counties without an "H" or " L " the number of actual births is not statistically significantly different from the expected number of births. An alpha level of 0.05 is used for this test, which means that for the counties with an " H " or " L " there is a $5 \%$ chance that the difference between the actual and expected number is due to random variation.

Note that for larger counties, smaller differences between the statewide rate and the county rate may be statistically significant while the same or greater differences may not be statistically significant in smaller counties. This is because statistical significance depends in part on the magnitude of the numbers used in the calculations. Since the larger counties will have larger female teen populations and more teen births, the differences between the statewide rate and county rates are more likely to be statistically significant for the larger counties. In statistical testing, this is called statistical power. All of the data for the following tables are from the Florida Department of Health CHARTS website at: http://www.floridacharts.com/charts/chart.aspx. The Poisson function in Excel was used for the statistical testing.

## Results

In the following tables, actual statistics are compared to expected statistics. Areas with statistically significantly higher than expected actual statistics are indicated in the tables with an "H", and "L" indicates significantly lower than expected actual statistics. As shown in the tables below, there were 32 areas with an " H " for teen births among females aged 15-17, and 13 areas with an " L " for teen births among females aged 15-17. On the table for teen births among females aged 15-19, there were 42 areas with an " H " and 14 areas with an " L ". On the table for repeat births to teens aged 15-17, there were two areas with an "H" and no areas with an "L". On the last table for repeat births to teens aged 15-19, there were six areas with an " H " and eight areas with an " L ". On all of tables the areas without an " H " or an " L " had rates that were not statistically significantly different from the expected rates.

## Discussion

One limitation of this analysis is the comparatively high level of variability of rates in smaller areas. Consequently, larger differences in rates for small areas may not be statistically significant while the same or smaller differences may be statistically significant in larger areas. Actual rates that are statistically significantly higher than the expected rates are most likely not a result of random fluctuations and are cause for concern; however, higher rates that are not statistically significant may also warrant further investigation. Additionally, smaller areas with higher than expected rates for a period of several years may also be cause for concern.

This analysis may be used as a basis for establishing priorities and to inform strategies developed to reduce teen birth and repeat births to teens in Florida. The rationale is to use the results of this analysis to focus further analysis and efforts on the areas where the risks are significantly high and also analyze factors that contribute to the lower risks seen in some areas.

## Current Department of Health Teen Pregnancy Prevention Initiatives and Activities

Teen pregnancy prevention is one of CDC's top six priorities and is considered a "winnable battle" in public health. Moreover, the Healthy People 2020 objective is to reduce teen pregnancy.

- Prevention of initial or repeat teen births is a Family Planning program objective which aligns with the federal Title X Program priorities and key issues.
- Teen birth rate goals are included in the State Health Improvement Plan (SHIP) and the Department's Long Range Program Plan (LRPP).
- A county health department (CHD) snapshot measure was developed in 2013 to track the number of teens ages 15-19 who adopt an effective or higher method of contraception.
- CHDs are encouraged to increase reproductive health education, including the provision of educational materials describing contraceptive methods to teens in schools and communities.
- CHDs are encouraged to make their family planning clinics teen-friendly. Teen-friendly services are critical to reaching teens and to promote adolescent health. Adolescents face barriers to services that are unique to their age group, such as transportation difficulties and school/work schedules that conflict with appointments. As such, it is important to make family planning clinics teen-friendly.
- Long acting reversible contraception (LARC) use among teens 15-19 increased from 3.0\% in 2014 to $4.7 \%$ in 2015. In 2015, the Bureau of Public Health Pharmacy was provided a special allocation of funding from the Family Planning program to provide CHDs with LARC. They are highly effective in preventing pregnancy and are seen as a significant tool in reducing unplanned or unwanted pregnancies.


## References:

1. Centers for Disease Control and Prevention. National and State Patterns of Teen Births in the United States, 1940-2013. National Vital Statistics Reports. 2014; 63 (4) http://www.cdc.gov/nchs/data/nvsr/nvsr63/nvsr63_04.pdf. Accessed: September 10, 2015.
2. Florida CHARTS.
3. Centers for Disease Control and Prevention. Reproductive Health: Teen Pregnancy. http://www.cdc.gov/teenpregnancy/. Accessed on September 10, 2015.
4. Scholl, TO, Hediger, ML, Belsky, DH. Prenatal care and maternal health during adolescent pregnancy - A review and meta-analysis. Journal of Adolescent Health. 1994; 15:444-456.
5. Chandra, PC, Schiavello, HJ, Ravi, B, Weinstein, AG, Hook, FB. Pregnancy outcomes in urban teenagers. International Journal of Gynecology and Obstetrics. 2002; 79:117-122.
6. National Campaign to Prevent Teen Pregnancy. Why it Matters: Teen childbearing, education, and economic well-being. July 2012.

| Florida Teen Birth Rates for Mothers Ages 15-17 2013 Through 2015 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| County | $\begin{array}{r} \text { 2013-2015 } \\ \text { Number of } \\ \text { Females 15-17 } \\ \hline \end{array}$ | $\begin{array}{r} \text { 2013-2015 } \\ \text { Actual } \\ \begin{array}{c} \text { Number of Births } \\ \text { to Mothers 15-17 } \end{array} \\ \hline \end{array}$ | $\begin{array}{r} \text { 2013-2015 } \\ \text { Expected } \\ \text { Number of Births } \\ \text { to Mothers } 15-17 \\ \hline \end{array}$ | 2013-2015 Number of Births per 1,000 Females 15-17 | Statistical Significance* |
| Statewide | 1,057,747 | 10,004 | 10,004 | 9.5 |  |
| Alachua | 15,798 | 110 | 149 | 7.0 | L |
| Baker | 1,488 | 21 | 14 | 14.1 |  |
| Bay | 9,229 | 162 | 87 | 17.6 | H |
| Bradford | 1,194 | 18 | 11 | 15.1 | H |
| Brevard | 27,937 | 212 | 264 | 7.6 | L |
| Broward | 101,789 | 670 | 963 | 6.6 | L |
| Calhoun | 784 | 19 | 7 | 24.2 | H |
| Charlotte | 6,128 | 51 | 58 | 8.3 |  |
| Citrus | 5,941 | 62 | 56 | 10.4 |  |
| Clay | 13,349 | 98 | 126 | 7.3 | L |
| Collier | 16,369 | 135 | 155 | 8.2 |  |
| Columbia | 3,488 | 69 | 33 | 19.8 | H |
| Dade | 145,622 | 1,052 | 1,377 | 7.2 | L |
| Desoto | 1,704 | 36 | 16 | 21.1 | H |
| Dixie | 739 | 15 | 7 | 20.3 | H |
| Duval | 51,682 | 625 | 489 | 12.1 | H |
| Escambia | 16,265 | 252 | 154 | 15.5 | H |
| Flagler | 5,309 | 37 | 50 | 7.0 | L |
| Franklin | 416 | 12 | 4 | 28.8 | H |
| Gadsden | 2,426 | 41 | 23 | 16.9 | H |
| Gilchrist | 920 | 15 | 9 | 16.3 | H |
| Glades | 552 | 9 | 5 | 16.3 |  |
| Gulf | 697 | 8 | 7 | 11.5 |  |
| Hamilton | 707 | 8 | 7 | 11.3 |  |
| Hardee | 1,631 | 43 | 15 | 26.4 | H |
| Hendry | 2,455 | 51 | 23 | 20.8 | H |
| Hernando | 9,023 | 66 | 85 | 7.3 | L |
| Highlands | 4,296 | 67 | 41 | 15.6 | H |
| Hillsborough | 78,414 | 866 | 742 | 11.0 | H |
| Holmes | 954 | 22 | 9 | 23.1 | H |
| Indian River | 6,767 | 57 | 64 | 8.4 |  |
| Jackson | 2,229 | 35 | 21 | 15.7 | H |
| Jefferson | 575 | 4 | 5 | 7.0 |  |
| Lafayette | 387 | 9 | 4 | 23.3 | H |
| Lake | 15,460 | 163 | 146 | 10.5 |  |
| Lee | 32,274 | 353 | 305 | 10.9 | H |
| Leon | 18,589 | 117 | 176 | 6.3 | L |
| Levy | 2,060 | 18 | 19 | 8.7 |  |
| Liberty | 403 | 5 | 4 | 12.4 |  |
| Madison | 967 | 7 | 9 | 7.2 |  |
| Manatee | 16,889 | 258 | 160 | 15.3 | H |
| Marion | 15,752 | 242 | 149 | 15.4 | H |
| Martin | 7,050 | 56 | 67 | 7.9 |  |
| Monroe | 2,695 | 21 | 25 | 7.8 |  |
| Nassau | 4,313 | 43 | 41 | 10.0 |  |
| Okaloosa | 10,419 | 122 | 99 | 11.7 | H |
| Okeechobee | 2,182 | 58 | 21 | 26.6 | H |
| Orange | 77,219 | 657 | 730 | 8.5 | L |
| Osceola | 19,839 | 231 | 188 | 11.6 | H |
| Palm Beach | 70,395 | 523 | 666 | 7.4 | L |
| Pasco | 25,036 | 232 | 237 | 9.3 |  |
| Pinellas | 42,553 | 387 | 402 | 9.1 |  |
| Polk | 34,653 | 506 | 328 | 14.6 | H |
| Putnam | 3,720 | 76 | 35 | 20.4 | H |
| Saint Johns | 12,193 | 55 | 115 | 4.5 | L |
| Saint Lucie | 15,433 | 129 | 146 | 8.4 |  |
| Santa Rosa | 9,641 | 84 | 91 | 8.7 |  |
| Sarasota | 15,987 | 128 | 151 | 8.0 | L |
| Seminole | 27,503 | 106 | 260 | 3.9 | L |
| Sumter | 2,288 | 34 | 22 | 14.9 | H |
| Suwannee | 2,265 | 45 | 21 | 19.9 | H |
| Taylor | 1,060 | 25 | 10 | 23.6 | H |
| Union | 739 | 10 | 7 | 13.5 |  |
| Volusia | 25,286 | 273 | 239 | 10.8 | H |
| Wakulla | 1,596 | 15 | 15 | 9.4 |  |
| Walton | 2,712 | 47 | 26 | 17.3 | H |
| Washington | 1,312 | 21 | 12 | 16.0 | H |
| * H - county rate is statistically significantly higher than the state rate (alpha=0.05) L- county rate is statistically significantly lower than the state rate (alpha= 0.05 ) Blank - no statistically significant difference between the county rate and the state rate |  |  |  |  |  |
|  |  |  |  |  |  |


| Florida Teen Birth Rates for Mothers Ages 15-19 2013 Through 2015 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| County | $\begin{array}{r} \text { 2013-2015 } \\ \text { Number of } \\ \text { Females 15-19 } \\ \hline \end{array}$ | 2013-2015 <br> Actual <br> Number of Births to Mothers 15-19 | 2013-2015 <br> Expected <br> Number of Births to Mothers 15-19 | 2013-2015 Number of Births per 1,000 Females 15-19 | Statistical Significance* |
| Statewide | 1,760,228 | 38,717 | 38,717 | 22.0 |  |
| Alachua | 37,881 | 431 | 833 | 11.4 | L |
| Baker | 2,522 | 105 | 55 | 41.6 | H |
| Bay | 15,129 | 535 | 333 | 35.4 | H |
| Bradford | 1,951 | 95 | 43 | 48.7 | H |
| Brevard | 44,924 | 890 | 988 | 19.8 | L |
| Broward | 163,398 | 2,673 | 3,594 | 16.4 | L |
| Calhoun | 1,205 | 53 | 27 | 44.0 | H |
| Charlotte | 9,664 | 216 | 213 | 22.4 |  |
| Citrus | 9,108 | 274 | 200 | 30.1 | H |
| Clay | 20,866 | 415 | 459 | 19.9 | L |
| Collier | 25,963 | 560 | 571 | 21.6 |  |
| Columbia | 5,627 | 253 | 124 | 45.0 | H |
| Dade | 240,004 | 4,045 | 5,279 | 16.9 | L |
| Desoto | 2,781 | 120 | 61 | 43.1 | H |
| Dixie | 1,149 | 42 | 25 | 36.6 | H |
| Duval | 85,798 | 2,377 | 1,887 | 27.7 | H |
| Escambia | 29,301 | 947 | 644 | 32.3 | H |
| Flagler | 8,034 | 148 | 177 | 18.4 | L |
| Franklin | 708 | 37 | 16 | 52.3 | H |
| Gadsden | 4,017 | 147 | 88 | 36.6 | H |
| Gilchrist | 1,450 | 58 | 32 | 40.0 | H |
| Glades | 895 | 20 | 20 | 22.3 |  |
| Gulf | 1,063 | 35 | 23 | 32.9 | H |
| Hamilton | 1,118 | 38 | 25 | 34.0 | H |
| Hardee | 2,748 | 150 | 60 | 54.6 | H |
| Hendry | 3,984 | 184 | 88 | 46.2 | H |
| Hernando | 14,094 | 302 | 310 | 21.4 |  |
| Highlands | 6,837 | 247 | 150 | 36.1 | H |
| Hillsborough | 132,261 | 3,165 | 2,909 | 23.9 | H |
| Holmes | 1,576 | 85 | 35 | 53.9 | H |
| Indian River | 10,687 | 254 | 235 | 23.8 |  |
| Jackson | 3,756 | 143 | 83 | 38.1 | H |
| Jefferson | 977 | 22 | 21 | 22.5 |  |
| Lafayette | 667 | 23 | 15 | 34.5 | H |
| Lake | 24,650 | 720 | 542 | 29.2 | H |
| Lee | 52,760 | 1,300 | 1,160 | 24.6 | H |
| Leon | 45,133 | 503 | 993 | 11.1 | L |
| Levy | 3,250 | 94 | 71 | 28.9 | H |
| Liberty | 626 | 29 | 14 | 46.3 | H |
| Madison | 1,512 | 42 | 33 | 27.8 |  |
| Manatee | 27,465 | 852 | 604 | 31.0 | H |
| Marion | 25,459 | 842 | 560 | 33.1 | H |
| Martin | 11,057 | 211 | 243 | 19.1 | L |
| Monroe | 4,362 | 95 | 96 | 21.8 |  |
| Nassau | 6,648 | 147 | 146 | 22.1 |  |
| Okaloosa | 16,933 | 461 | 372 | 27.2 | H |
| Okeechobee | 3,567 | 169 | 78 | 47.4 | H |
| Orange | 133,544 | 2,692 | 2,937 | 20.2 | L |
| Osceola | 32,048 | 953 | 705 | 29.7 | H |
| Palm Beach | 114,299 | 1,969 | 2,514 | 17.2 | L |
| Pasco | 40,612 | 940 | 893 | 23.1 |  |
| Pinellas | 69,022 | 1,422 | 1,518 | 20.6 | L |
| Polk | 57,401 | 1,941 | 1,263 | 33.8 | H |
| Putnam | 6,094 | 289 | 134 | 47.4 | H |
| Saint Johns | 20,066 | 238 | 441 | 11.9 | L |
| Saint Lucie | 24,767 | 565 | 545 | 22.8 |  |
| Santa Rosa | 14,976 | 382 | 329 | 25.5 | H |
| Sarasota | 25,717 | 477 | 566 | 18.5 | L |
| Seminole | 44,292 | 541 | 974 | 12.2 | L |
| Sumter | 3,642 | 144 | 80 | 39.5 | H |
| Suwannee | 3,707 | 141 | 82 | 38.0 | H |
| Taylor | 1,674 | 76 | 37 | 45.4 | H |
| Union | 1,156 | 54 | 25 | 46.7 | H |
| Volusia | 42,760 | 1,006 | 941 | 23.5 | H |
| Wakulla | 2,554 | 80 | 56 | 31.3 | H |
| Walton | 4,341 | 175 | 95 | 40.3 | H |
| Washington | 1,991 | 78 | 44 | 39.2 | H |
| * $\boldsymbol{H}$ - county rate is statistically significantly higher than the state rate (alpha=0.05) L - county rate is statistically significantly lower than the state rate (alpha= 0.05) Blank - no statistically significant difference between the county rate and the state rate |  |  |  |  |  |


| Florida Repeat Birth Rates for Mothers Ages 15-17 2013 Through 2015 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| County | 2013-2015 <br> Number of Births to <br> Females 15-17 | 2013-2015 Actual Number of Repeat Births to to Mothers 15-17 | 2013-2015 Expected Number of Repeat Births to to Mothers 15-17 | 2013-2015 Actual Percent Repeat Births to to Mothers 15-17 | Statistical Significance* |
| Statewide | 10,004 | 756 | 756 | 7.6\% |  |
| Alachua | 110 | 7 | 8 | 6.4\% |  |
| Baker | 21 | 1 | 2 | 4.8\% |  |
| Bay | 162 | 9 | 12 | 5.6\% |  |
| Bradford | 18 | 1 | 1 | 5.6\% |  |
| Brevard | 212 | 17 | 16 | 8.0\% |  |
| Broward | 670 | 51 | 51 | 7.6\% |  |
| Calhoun | 19 | 0 | 1 | 0.0\% |  |
| Charlotte | 51 | 5 | 4 | 9.8\% |  |
| Citrus | 62 | 3 | 5 | 4.8\% |  |
| Clay | 98 | 3 | 7 | 3.1\% |  |
| Collier | 135 | 7 | 10 | 5.2\% |  |
| Columbia | 69 | 3 | 5 | 4.3\% |  |
| Dade | 1,052 | 82 | 79 | 7.8\% |  |
| Desoto | 36 | 2 | 3 | 5.6\% |  |
| Dixie | 15 | 1 | 1 | 6.7\% |  |
| Duval | 625 | 42 | 47 | 6.7\% |  |
| Escambia | 252 | 16 | 19 | 6.3\% |  |
| Flagler | 37 | 0 | 3 | 0.0\% |  |
| Franklin | 12 | 0 | 1 | 0.0\% |  |
| Gadsden | 41 | 2 | 3 | 4.9\% |  |
| Gilchrist | 15 | 1 | 1 | 6.7\% |  |
| Glades | 9 | 1 | , | 11.1\% |  |
| Gulf | 8 | 0 | 1 | 0.0\% |  |
| Hamilton | 8 | 0 | 1 | 0.0\% |  |
| Hardee | 43 | 6 | 3 | 14.0\% |  |
| Hendry | 51 | 6 | 4 | 11.8\% |  |
| Hernando | 66 | 6 | 5 | 9.1\% |  |
| Highlands | 67 | 6 | 5 | 9.0\% |  |
| Hillsborough | 866 | 93 | 65 | 10.7\% | H |
| Holmes | 22 | 3 | 2 | 13.6\% |  |
| Indian River | 57 | 2 | 4 | 3.5\% |  |
| Jackson | 35 | 3 | 3 | 8.6\% |  |
| Jefferson | 4 | 0 | 0 | 0.0\% |  |
| Lafayette | 9 | 0 | 1 | 0.0\% |  |
| Lake | 163 | 17 | 12 | 10.4\% |  |
| Lee | 353 | 22 | 27 | 6.2\% |  |
| Leon | 117 | 5 | 9 | 4.3\% |  |
| Levy | 18 | , | 1 | 5.6\% |  |
| Liberty | 5 | 0 | 0 | 0.0\% |  |
| Madison | 7 | 0 | 1 | 0.0\% |  |
| Manatee | 258 | 28 | 19 | 10.9\% | H |
| Marion | 242 | 21 | 18 | 8.7\% |  |
| Martin | 56 | 3 | 4 | 5.4\% |  |
| Monroe | 21 | 0 | 2 | 0.0\% |  |
| Nassau | 43 | 3 | 3 | 7.0\% |  |
| Okaloosa | 122 | 8 | 9 | 6.6\% |  |
| Okeechobee | 58 | 6 | 4 | 10.3\% |  |
| Orange | 657 | 56 | 50 | 8.5\% |  |
| Osceola | 231 | 18 | 17 | 7.8\% |  |
| Palm Beach | 523 | 40 | 40 | 7.6\% |  |
| Pasco | 232 | 12 | 18 | 5.2\% |  |
| Pinellas | 387 | 27 | 29 | 7.0\% |  |
| Polk | 506 | 42 | 38 | 8.3\% |  |
| Putnam | 76 | 6 | 6 | 7.9\% |  |
| Saint Johns | 55 | 3 | 4 | 5.5\% |  |
| Saint Lucie | 129 | 11 | 10 | 8.5\% |  |
| Santa Rosa | 84 | 3 | 6 | 3.6\% |  |
| Sarasota | 128 | 7 | 10 | 5.5\% |  |
| Seminole | 106 | 7 | 8 | 6.6\% |  |
| Sumter | 34 | 3 | 3 | 8.8\% |  |
| Suwannee | 45 | 6 | 3 | 13.3\% |  |
| Taylor | 25 | 1 | 2 | 4.0\% |  |
| Union | 10 | 0 | 1 | 0.0\% |  |
| Volusia | 273 | 18 | 21 | 6.6\% |  |
| Wakulla | 15 | 0 | 1 | 0.0\% |  |
| Walton | 47 | 2 | 4 | 4.3\% |  |
| Washington | 21 | 1 | 2 | 4.8\% |  |
| * H - county percentage is statistically significantly higher than the state rate (alpha=0.05) L-county percentage is statistically significantly lower than the state rate (alpha= 0.05) Blank - no statistically significant difference between the county rate and the state rate |  |  |  |  |  |


| Florida Repeat Birth Rates for Mothers Ages 15-19 2013 Through 2015 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| County | 2013-2015 <br> Number of Births to <br> Females 15-19 | 2013-2015 Actual Number of Repeat Births to to Mothers 15-19 | 2013-2015 Expected Number of Repeat Births to to Mothers 15-19 | 2013-2015 Actual Percent Repeat Births to to Mothers 15-19 | Statistical Significance* |
| Statewide | 38,717 | 6,283 | 6,284 | 16.2\% |  |
| Alachua | 431 | 55 | 70 | 12.8\% | L |
| Baker | 105 | 17 | 17 | 16.2\% |  |
| Bay | 535 | 74 | 87 | 13.8\% |  |
| Bradford | 95 | 21 | 15 | 22.1\% |  |
| Brevard | 890 | 118 | 144 | 13.3\% | L |
| Broward | 2,673 | 469 | 434 | 17.5\% | H |
| Calhoun | 53 | 7 | 9 | 13.2\% |  |
| Charlotte | 216 | 34 | 35 | 15.7\% |  |
| Citrus | 274 | 41 | 44 | 15.0\% |  |
| Clay | 415 | 51 | 67 | 12.3\% | L |
| Collier | 560 | 93 | 91 | 16.6\% |  |
| Columbia | 253 | 38 | 41 | 15.0\% |  |
| Dade | 4,045 | 622 | 657 | 15.4\% |  |
| Desoto | 120 | 17 | 19 | 14.2\% |  |
| Dixie | 42 | 7 | 7 | 16.7\% |  |
| Duval | 2,377 | 370 | 386 | 15.6\% |  |
| Escambia | 947 | 178 | 154 | 18.8\% | H |
| Flagler | 148 | 17 | 24 | 11.5\% |  |
| Franklin | 37 | 5 | 6 | 13.5\% |  |
| Gadsden | 147 | 26 | 24 | 17.7\% |  |
| Gilchrist | 58 | 6 | 9 | 10.3\% |  |
| Glades | 20 | 5 | 3 | 25.0\% |  |
| Gulf | 35 | 1 | 6 | 2.9\% | L |
| Hamilton | 38 | 9 | 6 | 23.7\% |  |
| Hardee | 150 | 26 | 24 | 17.3\% |  |
| Hendry | 184 | 37 | 30 | 20.1\% |  |
| Hernando | 302 | 47 | 49 | 15.6\% |  |
| Highlands | 247 | 38 | 40 | 15.4\% |  |
| Hillsborough | 3,165 | 590 | 514 | 18.6\% | H |
| Holmes | 85 | 15 | 14 | 17.6\% |  |
| Indian River | 254 | 38 | 41 | 15.0\% |  |
| Jackson | 143 | 20 | 23 | 14.0\% |  |
| Jefferson | 22 | 3 | 4 | 13.6\% |  |
| Lafayette | 23 | 2 | 4 | 8.7\% |  |
| Lake | 720 | 124 | 117 | 17.2\% |  |
| Lee | 1,300 | 203 | 211 | 15.6\% |  |
| Leon | 503 | 73 | 82 | 14.5\% |  |
| Levy | 94 | 17 | 15 | 18.1\% |  |
| Liberty | 29 | 5 | 5 | 17.2\% |  |
| Madison | 42 | 2 | 7 | 4.8\% | L |
| Manatee | 852 | 171 | 138 | 20.1\% | H |
| Marion | 842 | 133 | 137 | 15.8\% |  |
| Martin | 211 | 40 | 34 | 19.0\% |  |
| Monroe | 95 | 13 | 15 | 13.7\% |  |
| Nassau | 147 | 21 | 24 | 14.3\% |  |
| Okaloosa | 461 | 72 | 75 | 15.6\% |  |
| Okeechobee | 169 | 33 | 27 | 19.5\% |  |
| Orange | 2,692 | 465 | 437 | 17.3\% |  |
| Osceola | 953 | 133 | 155 | 14.0\% | L |
| Palm Beach | 1,969 | 334 | 320 | 17.0\% |  |
| Pasco | 940 | 138 | 153 | 14.7\% |  |
| Pinellas | 1,422 | 202 | 231 | 14.2\% | L |
| Polk | 1,941 | 339 | 315 | 17.5\% |  |
| Putnam | 289 | 58 | 47 | 20.1\% |  |
| Saint Johns | 238 | 29 | 39 | 12.2\% |  |
| Saint Lucie | 565 | 88 | 92 | 15.6\% |  |
| Santa Rosa | 382 | 46 | 62 | 12.0\% | L |
| Sarasota | 477 | 74 | 77 | 15.5\% |  |
| Seminole | 541 | 84 | 88 | 15.5\% |  |
| Sumter | 144 | 25 | 23 | 17.4\% |  |
| Suwannee | 141 | 37 | 23 | 26.2\% | H |
| Taylor | 76 | 19 | 12 | 25.0\% | H |
| Union | 54 | 10 | 9 | 18.5\% |  |
| Volusia | 1,006 | 146 | 163 | 14.5\% |  |
| Wakulla | 80 | 9 | 13 | 11.3\% |  |
| Walton | 175 | 31 | 28 | 17.7\% |  |
| Washington | 78 | 12 | 13 | 15.4\% |  |
| * $\boldsymbol{H}$ - county percentage is statistically significantly higher than the state rate (alpha=0.05) L- county percentage is statistically significantly lower than the state rate (alpha= 0.05 ) Blank - no statistically significant difference between the county rate and the state rate |  |  |  |  |  |

