The 2019 Florida Price Level Index

January 20, 2020
Jim Dewey
Director of Economic Analysis
Florida Polytechnic University

The Florida Price Level Index was established by the Legislature as the basis for the District Cost Differential in the Florida Education Finance Program. The FPLI is a comparable wage index that represents the relative cost of hiring comparable personnel among Florida's school districts. The calculation is based on wage data for hundreds of occupations across Florida's 67 counties

collected by the Florida Department of Economic Opportunity's Bureau of Labor Market Statistics as part of the U.S. Bureau of Labor Statistics' Occupational Employment Statistics survey. The table below presents the 2019 FPLI, along with the 2018 and 2017 indices.¹

| County | 2019 | 2018 | 2017 | County | 2019 | 2018 | 2017 |
|--------------|--------|--------|--------|-------------|--------|--------|--------|
| Alachua | 97.45 | 97.51 | 97.45 | Lake | 97.80 | 97.52 | 97.38 |
| Baker | 96.45 | 96.91 | 96.79 | Lee | 102.78 | 102.59 | 102.23 |
| Bay | 95.83 | 96.53 | 96.77 | Leon | 96.40 | 96.78 | 97.16 |
| Bradford | 95.83 | 96.28 | 96.22 | Levy | 94.28 | 94.34 | 94.07 |
| Brevard | 98.36 | 98.59 | 98.43 | Liberty | 91.80 | 92.17 | 92.08 |
| Broward | 102.04 | 102.41 | 102.27 | Madison | 90.37 | 91.44 | 91.86 |
| Calhoun | 91.43 | 92.10 | 92.51 | Manatee | 98.73 | 98.45 | 98.07 |
| Charlotte | 98.71 | 98.53 | 98.23 | Marion | 93.37 | 93.59 | 93.88 |
| Citrus | 92.98 | 93.67 | 93.77 | Martin | 102.17 | 102.20 | 101.83 |
| Clay | 98.38 | 98.84 | 98.83 | Monroe | 106.07 | 106.39 | 105.47 |
| Collier | 106.47 | 106.27 | 106.01 | Nassau | 98.62 | 98.88 | 98.76 |
| Columbia | 93.08 | 93.82 | 94.26 | Okaloosa | 98.89 | 99.25 | 99.34 |
| Dade | 101.92 | 101.63 | 101.79 | Okeechobee | 97.49 | 97.53 | 96.98 |
| De Soto | 97.26 | 97.08 | 96.68 | Orange | 101.13 | 100.85 | 100.87 |
| Dixie | 92.54 | 92.59 | 92.10 | Osceola | 98.81 | 98.53 | 98.53 |
| Duval | 100.68 | 101.16 | 101.18 | Palm Beach | 105.18 | 105.26 | 105.04 |
| Escambia | 96.75 | 96.92 | 97.29 | Pasco | 98.01 | 97.76 | 97.96 |
| Flagler | 94.58 | 94.69 | 94.67 | Pinellas | 99.85 | 99.61 | 99.82 |
| Franklin | 90.28 | 92.09 | 93.11 | Polk | 96.00 | 96.05 | 96.20 |
| Gadsden | 93.91 | 94.28 | 94.60 | Putnam | 94.62 | 95.07 | 95.06 |
| Gilchrist | 94.34 | 94.40 | 94.22 | Saint Johns | 100.95 | 100.98 | 101.02 |
| Glades | 98.79 | 98.61 | 97.87 | Saint Lucie | 100.26 | 100.29 | 99.81 |
| Gulf | 92.43 | 93.11 | 93.22 | Santa Rosa | 96.37 | 96.92 | 96.95 |
| Hamilton | 90.22 | 90.64 | 90.89 | Sarasota | 101.23 | 100.94 | 100.39 |
| Hardee | 95.64 | 95.37 | 94.76 | Seminole | 99.58 | 99.30 | 99.44 |
| Hendry | 100.27 | 100.09 | 99.58 | Sumter | 95.74 | 96.49 | 96.03 |
| Hernando | 95.99 | 95.74 | 96.05 | Suwannee | 91.07 | 92.40 | 92.70 |
| Highlands | 94.67 | 94.50 | 94.18 | Taylor | 90.51 | 91.18 | 92.08 |
| Hillsborough | 100.64 | 100.38 | 100.66 | Union | 94.61 | 95.06 | 95.15 |
| Holmes | 92.40 | 92.74 | 92.78 | Volusia | 96.00 | 95.73 | 95.72 |
| Indian River | 99.93 | 100.11 | 100.18 | Wakulla | 94.02 | 94.39 | 94.66 |
| Jackson | 90.30 | 92.24 | 93.06 | Walton | 97.37 | 98.01 | 98.06 |
| Jefferson | 93.62 | 94.00 | 94.35 | Washington | 92.14 | 92.81 | 92.99 |
| Lafayette | 90.75 | 90.80 | 90.67 | | | | |

¹ This report is available at https://floridapoly.edu/wp-content/uploads/2019fpli.pdf and https://www.fldoe.org/fefp/.

The Distribution of the FPLI

The Florida Price Level Index (FPLI) is constructed so that the population-weighted state average is 100, though this normalization does not impact the relative comparison between any two counties. The median Floridian, ranked by 2019 county FPLI, lives in Hillsborough County, with an index value of 100.64. That is, less than half of Floridians live in counties with index values greater than 100.64, less than half live in counties with index values less than 100.64, and the rest live in Hillsborough County.

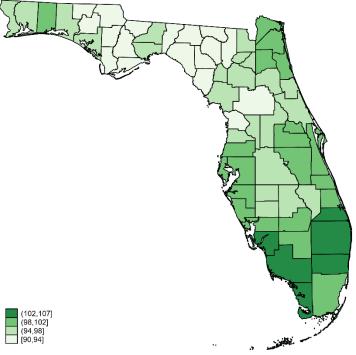
The map to the right displays the distribution of the FPLI across Florida. As population density increases, workers face higher housing costs, longer commutes, or both, for which they are compensated by higher wages. Therefore, although many things affect counties' FPLI values, counties that are more urban tend to have higher values. The six counties with FPLI values of 102 or above contain 22.3% of the state's population. The twenty counties with index values within two percentage points of the state average, from 98 to 101.99, contain 55.5% of the state's population. Twenty-three counties, containing 17.8% of Florida's population, have index values from 94 to 97.99. Finally, 4.4% of the state's population live in the eighteen counties with index values below 94.

Methodological Approach

The FPLI is a wage index comparing the cost of hiring a state average worker among Florida's 67 counties. Its use in adjusting school funding assumes the relative wage pattern for school workers is well approximated by the relative wage pattern for the state average worker. It relies on data on wages by occupation from the Occupational Employment Statistics (OES) survey, based on a massive employer sample. Columns 1 and 2 of the table at the end of this document present the average number of occupations and employees represented by responses to a complete OES survey by county.

An alternative would be to use data from the American Community Survey (ACS) that allows controlling for individual worker characteristics other than occupation, and to focus on the subset of workers with at least a bachelor's degree, since teachers must possess one. Controlling for other worker characteristics

would increase precision. However, using the ACS data would greatly reduce the number of workers covered by the sample, decreasing precision. Further, approximately 17% of the public-school labor bill is paid to workers without bachelor's degree, which are not represented in that sample. Moreover, the level of income at a given reference location is a potentially important determinant of the relative wage pattern, and public-school workers with a degree earn substantially less than the average worker with a degree.



The figure on the next page presents empirical cumulative U.S. income distributions for all public-school workers, all non-education workers, and all non-education workers with a bachelor's degree. The group of all non-education workers appears more comparable to public-school workers than does the subset with a bachelor's degree. Further analysis suggests the gain in precision from using the larger sample available from OES data outweighs the gain in precision from controlling for other characteristics using ACS data.²

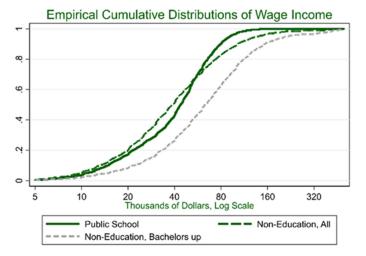
Prior to the 2003 index, the FPLI was an index of the relative expenditure required to purchase a market basket of goods and services, similar to the Consumer Price Index, albeit in a spatial context. This approach was adopted due to the lack of suitable wage data. The justification for this approach was that, all else equal,

Teachers, available at

https://www.researchgate.net/publication/337716504

² For more information, see Jim Dewey, (2019) *Comparing the Florida Price Level Index and the Comparable Wage Index for*

wages adjust to compensate for differences in the prices of goods and services, particularly housing.



There were two broad problems with the market basket approach. First, it was subject to numerous serious challenges to its accuracy. Second, not only was it at best an indirect proxy for labor costs, but it also systematically mis-measured them. That is because, other things being equal, places that are more productive, and thus more attractive to firms, will have higher wages and prices, while places that are more pleasant in which to live, and thus more attractive to workers, will have lower wages but higher prices. Numerous independently published estimates of relative wage and price patterns imply that the market basket approach yields an index which is a less accurate reflection of relative labor costs than making no adjustment at all.³ Consequently, the current comparable wage approach unambiguously produces a better measure of relative school personnel costs.

The FPLI Calculation⁴

<u>Initial Estimate</u> The first step in calculating the FPLI is to make an initial estimate of relative wage differences between counties, holding occupation constant. This means that a county's index is not impacted by having more or less workers in high wage occupations, but rather by having higher or lower wages within given occupations compared to the same occupations in other counties.

³ For details see Jim Dewey, (2005) *Improvements to the 2003 Florida Price Level Index*, available at https://www.researchgate.net/publication/338390730

Wage differences related to labor market size, as measured by population or total employment, and due, for example, to differences in land costs or commute times, are more pronounced for occupations that tend to locate at denser locations within a given labor market. The estimation procedure controls for this tendency.

<u>Statistical Smoothing</u> Prior to adoption of the current methodology, in some cases otherwise similar counties had very different FPLI values though the estimates' margins of error were large, meaning there was little evidence that the difference was real. Statistical smoothing ensures similar counties have similar index values unless the estimates' margins of error provide evidence that the difference is real.

To implement statistical smoothing, the relationship between the initial estimate and county characteristics such as the size and age distribution of the population and per capita income is used to predict index values for each county. This predicted value and the initial estimate are combined by taking a weighted average according to their precision. The weights are calculated to minimize the margin of error of the resulting statistically smoothed index. To illustrate, if the variance of the predicted index is two-thirds the variance of the initial estimate, the weight on the initial index, 0.4, is two-thirds the weight on the predicted index, 0.6. Columns 3-8 of the table at the end of this document present the initial, predicted, and statistically smoothed log indices and their standard errors.

Geographic Smoothing The law of one price implies wages in nearby counties cannot sustainably differ by more than justified by the cost of commuting between them. If the wage difference is larger than that, workers have an incentive to commute from the low wage county to the high wage county, increasing the supply of workers in the latter and reducing it in the former, thereby reducing the wage difference. Prior to adoption of the current methodology, neighboring counties sometimes had implausibly different FPLI values. Geographic smoothing ensures index differences between nearby counties are consistent with their proximity.

To implement geographic smoothing, the statistically smoothed index value for each county is

⁴ The data and Stata code for the 2019 FPLI calculation are at https://drive.google.com/open?id=1Miz7PbgmobcG4AP94SqFo uGk8nS3YGkb.

replaced by the highest statistically smoothed index value from a comparison group of counties, adjusted for the lost value of the time to commute between them, if that value is higher. For 2019, index values were geographically smoothed for 40 counties containing 28.9% of the state's population.⁵

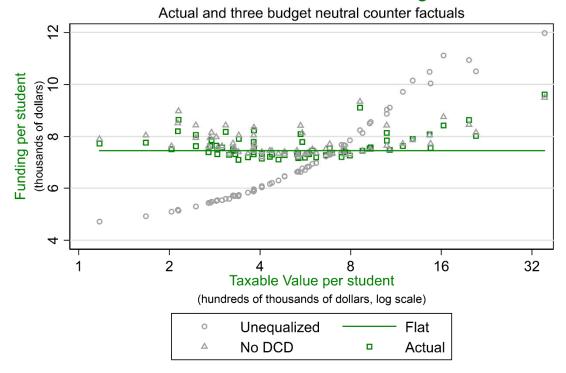
Impact on School Funding

Florida adjusts state funding to provide all students access to substantially equal educational services appropriate to their needs. This involves equalization for differences in the value of the local property tax base per student and adjustment for differences in operating costs across districts. Indeed, the very factors that create differences in the property tax base per student also create differences in the cost of education.⁶

Cost differences depend on differences in the quantity of inputs needed to meet the standard of education and on the per unit cost of those inputs. Differences in the quantity of inputs needed are represented by elements of the funding calculation like Program Cost Factors, the ESE Guaranteed Allocation, the Sparsity Supplement, and the Class Size Reduction Allocation. The District Cost Differential (DCD) adjusts for differences in the per unit cost of inputs. It assumes labor makes up 80% of operating costs, relying on the FPLI to represent them, and that the other 20%, for example textbooks, cost the same everywhere.

The figure below illustrates the relative importance of the DCD among the various adjustments to Florida's school funding. The grey circular markers represent what funding would have been if the state engaged in no resource equalization. The flat line represents what funding would have been if all funds were allocated on an equal per student basis with no regard for cost differences. The vertical distance between unequalized funding and flat funding illustrates the largest effect of Florida's funding system—allocating more state funding to students in districts with less taxable value per student.

2018-2019 State and Local Funding in Florida



⁵ For further details see Jim Dewey (2020) *Florida Price Level Index Methodology* available at https://www.researchgate.net/publication/338390504.

⁶ For more detail on state and local school funding in Florida, see the Florida Department of Education report *2019-20 Funding for Florida School Districts*, available at http://www.fldoe.org/core/fileparse.php/7507/urlt/Fefpdist.pdf.

The grey triangular markers indicate what funding would have been if the DCD were eliminated but all else remained the same. The difference between funding with no DCD and flat funding represents the combined impact of all adjustments to funding other than the DCD. Finally, the square markers indicate actual funding. The difference between actual funding and funding with no DCD indicates the impact of the adjustment for differences in labor costs. While the impact of the DCD is not negligible, for most districts it is tiny compared to equalization for differences in the tax base and smaller than the impact of the other adjustments as well.

Ongoing Study and Improvement

The FPLI methodology has evolved over time to make improvements when possible and to adapt to changing circumstances when needed. For the 2010 index, values in 23 counties containing 12.8% of the state's population were replaced by commute cost adjusted values from another county in geographic smoothing. For the 2019 index, 40 counties containing 28.9% of the state's population were replaced. With the increase in the share of the state's population directly affected, the impact on other counties through the state average grew as well. The change has occurred because of widening differences between wages across counties, which lead to counties with high wages having impacts on larger counties and on counties further away than they did a decade ago.

The approximations used to implement geographic smoothing were not intended to apply to such a large share of the state's population, counties that were not small and rural, or counties that were not very close to one another. Thus, these approximations are not well suited to current labor market conditions. Accordingly, improvements to the geographic smoothing component of the calculation are under consideration.

To illustrate the potential impact of such a change, consider the following alternative. First, identify counties for which, on average, responses to a complete OES survey cover at least 50,000 employees and at least 150 occupations, and for which the standard error of the log statistically smoothed index is at most half a log point, so that the margin of error of the normalized

index is (approximately) plus or minus one percentage point or less. For these counties, do not directly apply geographic smoothing. The wage data is rich and the margin of error of the index is small, so there should be no need to do so.

Second, directly compare non-anchor counties only to counties with which they share a border, replacing a county's index with the highest commute cost adjusted index of its neighbors. Then iterate this comparison until no more changes are called for. Third, since only relatively short cross border commutes from sparsely populated counties to outlying schools in neighboring counties are contemplated, reduce the assumed oneway commute distance to one quarter of the distance between population centers, adjusted upward for the ratio of driving distance to straight line distance. Fourth, in addition to the time cost of commuting, include the sum of incremental fuel, maintenance, and repair costs per mile driven.

For the 2019 index, this method would have required only two iterations and would have directly impacted 22 counties that together contain only 5.8% of the state's population.⁷ The resulting index, and the difference using this approach would make, are shown in columns 10 and 11 of table on the following page. While this method is likely an improvement relative to the one currently employed, it is not completely satisfactory due to the sensitivity of the results to variation in the assumed one-way commute distance. An approach based on actual distances and drive times between nearby schools in bordering counties would provide a foundation for geographic smoothing that is better suited to current conditions. Work on such a method is ongoing.

https://www.researchgate.net/publication/338390504.

 $^{^{7}}$ For further details see Jim Dewey (2020) Florida Price Level Index Methodology available at

| | | | A | dditional D | etail: 2019 | FPLI Calcu | lation | | | | |
|----------------------------|--------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|------------------|-------------------------|----------------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| | Augraga | OEC | | Log Inde | ex Values ar | nd Standar | | ن المما | | Altern | |
| | Average OES Responses | | Initial Estimate | | Predicte | d Value | Statist Smoo | | | Geographic Smoothing | |
| County | Occupations | | Value | Std Err | Value | Std Err | Value | Std Err | 2019 FPLI | Index | Change |
| Alachua | 333 | 77994 | -0.0227 | 0.0043 | -0.0157 | 0.0047 | -0.0196 | 0.0032 | 97.45 | 97.87 | 0.42 |
| Baker | 25 | 2310 | -0.0924 | 0.0168 | -0.0854 | 0.0086 | -0.0870 | 0.0076 | 96.45 | 94.56 | -1.89 |
| Bay | 286 | 49110 | -0.0453 | 0.0048 | -0.0295 | 0.0041 | -0.0364 | 0.0031 | 95.83 | 96.25 | 0.42 |
| Bradford | 25 | 2326 | -0.1443 | 0.0167 | -0.0855 | 0.0075 | -0.0956 | 0.0069 | 95.83 | 93.38 | -2.45 |
| Brevard Broward | 364 435 | 139188 498816 | 0.0019 0.0325 | 0.0039 0.0034 | -0.0167 0.0220 | 0.0029 0.0030 | -0.0103 0.0264 | 0.0024 0.0022 | 98.36 102.04 | 98.79 102.49 | 0.43 0.45 |
| Calhoun | 18 | 572 | -0.1318 | 0.0034 | -0.1225 | 0.0030 | -0.1241 | 0.0022 | 91.43 | 89.24 | -2.19 |
| Charlotte | 192 | 28082 | -0.0383 | 0.0059 | -0.0582 | 0.0063 | -0.0478 | 0.0043 | 98.71 | 96.65 | -2.06 |
| Citrus | 162 | 19425 | -0.0640 | 0.0065 | -0.0684 | 0.0061 | -0.0665 | 0.0044 | 92.98 | 93.39 | 0.41 |
| Clay | 147 | 32307 | -0.0193 | 0.0065 | -0.0250 | 0.0043 | -0.0234 | 0.0036 | 98.38 | 97.55 | -0.83 |
| Collier | 290 | 94537 | 0.0757 | 0.0045 | 0.0518 | 0.0073 | 0.0689 | 0.0039 | 106.47 | 106.94 | 0.47 |
| Columbia Dade | 130 449 | 12313 663513 | -0.0883 0.0239 | 0.0074 0.0032 | -0.0706 0.0274 | 0.0056 0.0036 | -0.0772 0.0253 | 0.0045 0.0024 | 93.08 101.92 | 92.40 102.37 | -0.68 0.45 |
| Daue | 41 | 2124 | -0.0592 | 0.0032 | -0.1256 | 0.0030 | -0.1087 | 0.0024 | 97.26 | 94.93 | -2.33 |
| Dixie | 10 | 603 | -0.1414 | 0.0263 | -0.1241 | 0.0084 | -0.1259 | 0.0080 | 92.54 | 90.01 | -2.53 |
| Duval | 420 | 303864 | 0.0200 | 0.0036 | 0.0078 | 0.0032 | 0.0131 | 0.0024 | 100.68 | 101.13 | 0.45 |
| Escambia | 319 | 86475 | -0.0332 | 0.0044 | -0.0230 | 0.0032 | -0.0268 | 0.0026 | 96.75 | 97.17 | 0.42 |
| Flagler | 107 | 12773 | -0.0598 | 0.0081 | -0.0457 | 0.0048 | -0.0495 | 0.0041 | 94.58 | 95.00 | 0.42 |
| Franklin Gadsden | 26 72 | 1458 5522 | -0.0816 -0.0736 | 0.0166 0.0100 | -0.0997 -0.0743 | 0.0087 0.0065 | -0.0960 -0.0743 | 0.0077 0.0055 | 90.28 93.91 | 90.67 92.86 | 0.39 -1.05 |
| Gilchrist | 18 | 967 | -0.0730 | 0.0100 | -0.0743 | 0.0082 | -0.0743 | 0.0033 | 94.34 | 92.97 | -1.03 |
| Glades | 11 | 209 | -0.0334 | 0.0295 | -0.1475 | 0.0094 | -0.1371 | 0.0090 | 98.79 | 95.05 | -3.74 |
| Gulf | 21 | 963 | -0.0591 | 0.0187 | -0.0934 | 0.0083 | -0.0880 | 0.0075 | 92.43 | 91.41 | -1.02 |
| Hamilton | 12 | 483 | -0.1087 | 0.0258 | -0.1266 | 0.0092 | -0.1247 | 0.0087 | 90.22 | 88.10 | -2.12 |
| Hardee | 36 | 2268 | -0.0738 | 0.0143 | -0.0984 | 0.0080 | -0.0927 | 0.0070 | 95.64 | 91.99 | -3.65 |
| Hendry | 51 105 | 3590 | -0.0433 | 0.0119 | -0.0807 -0.0612 | 0.0080 | -0.0692 | 0.0066 | 100.27 | 97.60 93.33 | -2.67 -2.66 |
| Hernando Highlands | 151 | 19989 15145 | -0.0828 -0.0925 | 0.0079 0.0068 | -0.0812 | 0.0048 0.0066 | -0.0672 -0.0888 | 0.0041 0.0047 | 95.99 94.67 | 91.33 | -2.00 -3.34 |
| Hillsborough | 403 | 389537 | 0.0108 | 0.0035 | 0.0143 | 0.0031 | 0.0126 | 0.0023 | 100.64 | 101.08 | 0.44 |
| Holmes | 17 | 605 | -0.1347 | 0.0210 | -0.1051 | 0.0080 | -0.1091 | 0.0075 | 92.40 | 91.72 | -0.68 |
| Indian River | 232 | 33356 | -0.0009 | 0.0054 | 0.0163 | 0.0067 | 0.0056 | 0.0042 | 99.93 | 100.37 | 0.44 |
| Jackson | 91 | 6711 | -0.1136 | 0.0090 | -0.0867 | 0.0063 | -0.0958 | 0.0052 | 90.30 | 90.69 | 0.39 |
| Jefferson | 17 5 | 805 118 | -0.1073 0.0238 | 0.0209 | -0.0785 -0.1358 | 0.0085 | -0.0828 -0.1263 | 0.0079 0.0102 | 93.62 90.75 | 92.41 88.00 | -1.21 -2.75 |
| Lafayette Lake | 225 | 62153 | -0.0508 | 0.0412 0.0052 | -0.1358 -0.0359 | 0.0105 0.0038 | -0.1263 -0.0412 | 0.0102 | 90.75 | 95.78 | -2.75 -2.02 |
| Lee | 361 | 171075 | 0.0022 | 0.0032 | -0.0047 | 0.0037 | -0.0016 | 0.0030 | 102.78 | 99.66 | -3.12 |
| Leon | 321 | 90530 | -0.0443 | 0.0043 | -0.0130 | 0.0048 | -0.0304 | 0.0032 | 96.40 | 96.82 | 0.42 |
| Levy | 47 | 3196 | -0.0963 | 0.0124 | -0.0828 | 0.0062 | -0.0856 | 0.0055 | 94.28 | 92.87 | -1.41 |
| Liberty | 6 | 335 | -0.1385 | 0.0373 | -0.1383 | 0.0109 | -0.1385 | 0.0104 | 91.80 | 89.51 | -2.29 |
| Madison | 19 | 587 71826 | -0.0770 -0.0056 | 0.0218 | -0.1025 | 0.0080 | -0.0997 | 0.0075 | 90.37 | 90.34 | -0.03 |
| Manatee Marion | 279 286 | 62571 | -0.0036 | 0.0047 0.0047 | -0.0214 -0.0526 | 0.0034 0.0052 | -0.0161 -0.0637 | 0.0027 0.0035 | 98.73 93.37 | 98.21 93.65 | -0.52 0.28 |
| Martin | 220 | 36946 | 0.0272 | 0.0055 | 0.0320 | 0.0075 | 0.0037 | 0.0044 | 102.17 | 102.62 | 0.45 |
| Monroe | 176 | 22378 | 0.0763 | 0.0064 | 0.0370 | 0.0103 | 0.0652 | 0.0054 | 106.07 | 106.53 | 0.46 |
| Nassau | 78 | 9756 | 0.0031 | 0.0094 | -0.0123 | 0.0064 | -0.0076 | 0.0053 | 98.62 | 99.06 | 0.44 |
| Okaloosa | 272 | 52283 | 0.0020 | 0.0049 | -0.0112 | 0.0048 | -0.0049 | 0.0034 | 98.89 | 99.33 | 0.44 |
| Okeechobee | 65 420 | 5567 473941 | -0.0939 0.0217 | 0.0104 0.0035 | -0.0924 0.0123 | 0.0066 0.0040 | -0.0930 0.0175 | 0.0056 0.0026 | 97.49 101.13 | 95.41 101.58 | -2.08 0.45 |
| Orange Osceola | 187 | 54175 | -0.0150 | 0.0035 | -0.0123 | 0.0040 | -0.0320 | 0.0026 | 98.81 | 96.67 | -2.14 |
| Palm Beach | 431 | 381826 | 0.0548 | 0.0037 | 0.0433 | 0.0052 | 0.0567 | 0.0029 | 105.18 | 105.63 | 0.45 |
| Pasco | 217 | 69466 | -0.0647 | 0.0052 | -0.0306 | 0.0034 | -0.0410 | 0.0028 | 98.01 | 95.80 | -2.21 |
| Pinellas | 392 | 285992 | -0.0003 | 0.0037 | 0.0087 | 0.0031 | 0.0048 | 0.0024 | 99.85 | 100.29 | 0.44 |
| Polk | 347 | 138687 | -0.0322 | 0.0040 | -0.0378 | 0.0042 | -0.0351 | 0.0029 | 96.00 | 96.37 | 0.37 |
| Putnam | 90 | 7505 | -0.0787 | 0.0090 | -0.0858 | 0.0057 | -0.0839 | 0.0048 | 94.62 | 95.31 | 0.69 |
| Saint Johns Saint Lucie | 190 247 | 41955 47581 | 0.0081 0.0048 | 0.0057 0.0051 | 0.0245 -0.0423 | 0.0060 0.0036 | 0.0157 -0.0267 | 0.0041 0.0029 | 100.95 100.26 | 101.40 99.67 | 0.45 -0.59 |
| Santa Rosa | 145 | 22063 | -0.0438 | 0.0051 | -0.0423 | 0.0036 | -0.0267 | 0.0029 | 96.37 | 96.79 | 0.42 |
| Sarasota | 324 | 112039 | 0.0258 | 0.0043 | 0.0080 | 0.0052 | 0.0185 | 0.0033 | 101.23 | 101.68 | 0.45 |
| Seminole | 277 | 112205 | -0.0234 | 0.0045 | 0.0009 | 0.0034 | -0.0081 | 0.0027 | 99.58 | 99.01 | -0.57 |
| Sumter | 151 | 16292 | -0.0212 | 0.0068 | -0.0613 | 0.0083 | -0.0373 | 0.0053 | 95.74 | 96.15 | 0.41 |
| Suwannee | 55 36 | 3667 | -0.1177 | 0.0116 | -0.0865 | 0.0063 | -0.0938 | 0.0055 | 91.07 | 90.88 | -0.19 |
| Taylor Union | 36 10 | 1951 382 | -0.1108 -0.1303 | 0.0143 0.0296 | -0.1067 -0.1420 | 0.0079 0.0102 | -0.1078 -0.1409 | 0.0069 0.0097 | 90.51 94.61 | 89.61 93.27 | -0.90 -1.34 |
| Volusia | 324 | 110665 | -0.1303 | 0.0296 | -0.1420 | 0.0102 | -0.1409 | 0.0097 | 96.00 | 95.71 | -1.34 -0.29 |
| Wakulla | 22 | 1502 | -0.0401 | 0.0176 | -0.0710 | 0.0033 | -0.0660 | 0.0027 | 94.02 | 93.44 | -0.58 |
| Walton | 106 | 13750 | -0.0338 | 0.0081 | -0.0085 | 0.0075 | -0.0204 | 0.0055 | 97.37 | 97.79 | 0.42 |
| Washington | 46 | 2257 | -0.1065 | 0.0130 | -0.1043 | 0.0079 | -0.1051 | 0.0068 | 92.14 | 91.25 | -0.89 |