University Andrew Young School of Policy Studies

## To: Chairman Jay Powell, Ways and Means Committee

## SUBJECT: County Analysis of 2015 TAVT

Prepared by Laura Wheeler
Fiscal Research Center
Andrew Young School of Policy Studies
Georgia State University
February 5, 2016
This memo provides the results of a county analysis of the Georgia Title Ad Valorem Tax (TAVT) for 2015. Specifically, the analysis indicates for each county, how the county 2015 TAVT receipts preform compared to a specified target level of revenues. In addition, this memo provides information on the decline in motor vehicle ad valorem taxes at the county level between 2012 and 2015.

The results of the analysis are sensitive to the definition of the target collection amount. The TAVT law does not define an individual county target, so two alternative targets are constructed for this analysis and results for each are presented in this memo. Target \#1 for each county is constructed as the county's share of the 2015 TAVT Local Government Target Collection Amount of $\$ 1,060,000,000$. This total amount is distributed across the counties based on their share of the total revenue collections from sales tax from motor vehicles plus motor vehicle ad valorem tax for $2012^{1}$. For instance, in 2012 total sales tax from motor vehicle and motor vehicle ad valorem for Appling County was 0.20 percent of the total across all counties. Thus, in 2015 their TAVT target value for Target \#1 was $0.20 \% * \$ 1,060,000,000$ or $\$ 2,111,984$.
Following this same procedure for each county, we generate a target revenue goal for each county for 2015. The targets established using this methodology are referred to in this memo as Target \#1. Target \#2 for each county is equal to the sum of their 2012 sales tax from motor vehicles and their 2012 ad valorem receipts from motor vehicles. The sum of Target \#1 across all counties is, by construction, equal to the 2015 local government collection target of $\$ 1,060,000,000$. The total across all counties of Target $\# 2$ is $\$ 1,154,766,926$. Target $\# 1$ is the logical construction for the target, because of its reference to the TAVT collection target. Target \#2 is more arbitrary and is included in this report at the request of the Association of County Commissioners.

[^0]
## Target \#1 Analysis Results

Based on this analysis, 119 counties had 2015 TAVT revenues that exceeded the target amount and 36 counties had revenues below their target amount. The aggregate amount by which the counties exceeded the target is was equal to $\$ 87.1$ million, while the aggregate amount for those below the target was $\$ 17.5$ million. On average, counties were 8.8 percent above their target goal. But counties ranged in their performance against the target. Table 1.1 provides a distribution of the results as measured against Target \#1. For instance, 8 counties had TAVT revenues which were 10 percent or more below their target amount and 67 counties that exceeded their target amount by 10 percent or more. 14 counties had TAVT revenues which were between 1 percent below and 1 percent above the target amount.

Table 1.1 Summary Using Target \#1

|  | $\#$ of <br> Counties | Amount of <br> Difference | \% of All Counties |
| :--- | :---: | :--- | :---: |
| Less than or equal to $-10 \%$ <br> Greater than $-10 \%$ and less than or equal <br> to -5\% | 8 | $-\$ 3,402,567$ | $5.0 \%$ |
| Greater than -5\% and less than -1\% | 12 | $-\$ 13,087,172$ | $7.5 \%$ |
| Less than or equal to -1\% and less than | 14 | $-\$ 1,009,490$ | $8.8 \%$ |
| or equal to 1.0\% | 14 | $\$ 2,003,659$ | $8.8 \%$ |
| Greater than $1 \%$ and less than 5\% | 18 | $\$ 2,462,845$ | $11.3 \%$ |
| Greater or equal to 5\% and less than 10\% | 26 | $\$ 7,568,548$ | $16.4 \%$ |
| Greater than or equal to 10\% | 67 | $\$ 75,058,614$ | $42.1 \%$ |

Because total local government TAVT collections in 2015 exceeded their local target amount of $\$ 1,060,000,000$, by law the local government share was adjusted down to 40.55 percent for 2016. In Table 1.2 we present the results of the target analysis using the 2016 share applied to the 2015 data. This data represents the 2015 TAVT revenues that would have occurred if the rate had been 40.55 percent in 2015. Under those conditions, revenues in 84 counties would have exceeded the target and revenues in 73 would have fallen below the target. The aggregate total for those exceeding the target would have equaled $\$ 43.5$ million and the aggregate total for those falling below the target would have equaled $\$ 48.2$ million. On average, counties would have been 1.9 percent above target. The distribution of the simulated revenues against the target are shown in Table 1.2. In general, adjusting the rate to 40.55 percent had the effect of flattening out the distribution as seen in Figure 1. Using the actual 2015 share, there are a greater number of counties with revenues exceeding 10 percent of their target but when the adjusted share of 40.55 percent is used to simulate the 2015 revenues, the distribution of counties becomes more evenly distributed.

Table 1.2 Summary Using Target \#1 and 2016 Adjusted Share

|  | \# of Counties | Amount of Difference | \% of All Counties |
| :---: | :---: | :---: | :---: |
| Less than or equal to -10\% | 23 | -\$30,398,546 | 14.5\% |
| Greater than $-10 \%$ and less than or equal to -5\% | 26 | -\$14,447,466 | 16.4\% |
| Greater than -5\% and less than $-1 \%$ | 17 | -\$2,986,850 | 10.7\% |
| Less than or equal to $-1 \%$ and less than or equal to $1.0 \%$ | 18 | \$129,211 | 11.3\% |
| Greater than 1\% and less than 5\% | 20 | \$1,383,590 | 12.6\% |
| Greater or equal to 5\% and less than 10\% | 20 | \$19,995,324 | 12.6\% |
| Greater than or equal to 10\% | 35 | \$21,608,091 | 22.0\% |

Figure 1. Distribution of Difference from Target Amount using Actual and Adjusted Share, Target \#1


Table 1.3 provides a list of results of the analysis in alphabetical order by county name. Column 2 provides the 2015 total of TAVT and the remaining motor vehicle ad valorem for each county. Column 3 provides the target value for each county. Column 4 provides the difference between the total TAVT and ad valorem and the target amount. Column 5 provides the difference expressed as a percent of the target amount.

Table 1.3 Alphabetical order of results against Target \#1 by county name

|  | 2015 TAVT + Ad <br> valorem | 2015 Target Amt. | Difference |
| :--- | :---: | :---: | :---: | :---: | | Target |
| :---: |$|$| APPLING | $2,060,562$ | $2,111,984$ | $-51,421$ | $-2.0 \%$ |
| :--- | :---: | :---: | :---: | :---: |
| ATKINSON | 705,274 | 703,146 | 2,128 | $0.0 \%$ |
| BACON | $1,109,890$ | $1,078,247$ | 31,642 | $3.0 \%$ |
| BAKER | 340,505 | 336,397 | 4,109 | $1.0 \%$ |
| BALDWIN | $3,732,387$ | $3,820,846$ | $-88,460$ | $-2.0 \%$ |
| BANKS | $1,760,604$ | $1,439,207$ | 321,397 | $22.0 \%$ |
| BARROW | $8,002,637$ | $7,156,800$ | 845,837 | $12.0 \%$ |
| BARTOW | $10,952,418$ | $9,160,131$ | $1,792,286$ | $20.0 \%$ |
| BEN HILL | $1,539,034$ | $1,587,845$ | $-48,811$ | $-3.0 \%$ |
| BERRIEN | $1,661,336$ | $1,828,567$ | $-167,231$ | $-9.0 \%$ |
| BIBB | $15,945,258$ | $17,332,586$ | $-1,387,327$ | $-8.0 \%$ |
| BLECKLEY | $1,259,395$ | $1,286,399$ | $-27,004$ | $-2.0 \%$ |
| BRANTLEY | $1,622,797$ | $1,799,865$ | $-177,068$ | $-10.0 \%$ |
| BROOKS | $1,438,519$ | $1,294,127$ | 144,392 | $11.0 \%$ |
| BRYAN | $4,561,493$ | $3,577,400$ | 984,094 | $28.0 \%$ |
| BULLOCH | $5,968,907$ | $5,123,702$ | 845,205 | $16.0 \%$ |
| BURKE | $2,194,803$ | $1,850,512$ | 344,291 | $19.0 \%$ |
| BUTTS | $2,478,278$ | $2,621,985$ | $-143,707$ | $-5.0 \%$ |
| CALHOUN | 579,403 | 536,642 | 42,761 | $8.0 \%$ |
| CAMDEN | $5,345,951$ | $5,189,030$ | 156,921 | $3.0 \%$ |
| CANDLER | $1,007,469$ | 956,963 | 50,506 | $5.0 \%$ |
| CARROLL | $11,032,809$ | $10,328,224$ | 704,585 | $7.0 \%$ |
| CATOOSA | $5,773,885$ | $5,767,160$ | 6,725 | $0.0 \%$ |
| CHARLTON | 891,108 | 948,570 | $-57,462$ | $-6.0 \%$ |
| CHATHAM | $33,421,187$ | $33,074,347$ | 346,840 | $1.0 \%$ |
| CHATTAHOOCHEE | 727,306 | 428,544 | 298,762 | $70.0 \%$ |
| CHATTOOGA | $1,872,368$ | $1,697,232$ | 175,136 | $10.0 \%$ |
| CHEROKEE | $30,217,829$ | $24,610,544$ | $5,607,285$ | $23.0 \%$ |
| CLARKE | $9,104,498$ | $9,455,503$ | $-351,006$ | $-4.0 \%$ |
| CLAY | 267,651 | 243,647 | 24,004 | $10.0 \%$ |
| CLAYTON | $26,356,784$ | $29,060,010$ | $-2,703,226$ | $-9.0 \%$ |
| CLINCH | 679,799 | 631,336 | 48,463 | $8.0 \%$ |
| COBB | $92,497,910$ | $79,469,107$ | $13,028,803$ | $16.0 \%$ |
| COFFEE | $3,716,773$ | $3,627,962$ | 88,811 | $2.0 \%$ |
| COLQUITT | $4,066,378$ | $4,089,394$ | $-23,016$ | $-1.0 \%$ |
| COLUMBIA | $17,085,328$ | $15,681,255$ | $1,404,073$ | $9.0 \%$ |
| COOK | $1,649,593$ | $1,447,362$ | 202,231 | $14.0 \%$ |
| COWETA | $1,368,650$ | $1,083,511$ | $1,415,216$ | $10.0 \%$ |
| CRAWFORD | $2,082,338$ | 206,943 | $19.0 \%$ |  |
| CRISP | 59,150 | $3.0 \%$ |  |  |


|  | 2015 TAVT + Ad valorem | 2015 Target Amt. | Difference | $\begin{gathered} \text { \% of } \\ \text { Target } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| DADE | 1,448,495 | 1,132,947 | 315,549 | 28.0\% |
| DAWSON | 3,146,420 | 2,559,776 | 586,643 | 23.0\% |
| DECATUR | 2,876,692 | 2,738,981 | 137,711 | 5.0\% |
| DEKALB | 80,100,659 | 85,418,819 | -5,318,160 | -6.0\% |
| DODGE | 1,558,378 | 1,404,692 | 153,686 | 11.0\% |
| DOOLY | 1,077,040 | 1,223,858 | -146,819 | -12.0\% |
| DOUGHERTY | 8,608,749 | 10,088,464 | -1,479,715 | -15.0\% |
| DOUGLAS | 14,523,273 | 14,370,328 | 152,944 | 1.0\% |
| EARLY | 1,402,386 | 1,428,593 | -26,208 | -2.0\% |
| ECHOLS | 393,607 | 349,742 | 43,864 | 13.0\% |
| EFFINGHAM | 6,827,307 | 5,582,012 | 1,245,296 | 22.0\% |
| ELBERT | 1,777,459 | 1,616,943 | 160,516 | 10.0\% |
| EMANUEL | 2,109,023 | 2,162,294 | -53,271 | -2.0\% |
| EVANS | 1,035,253 | 948,556 | 86,698 | 9.0\% |
| FANNIN | 2,501,694 | 1,919,379 | 582,315 | 30.0\% |
| FAYETTE | 15,593,540 | 13,546,197 | 2,047,343 | 15.0\% |
| FLOYD | 9,268,447 | 9,226,302 | 42,144 | 0.0\% |
| FORSYTH | 29,785,032 | 24,234,319 | 5,550,713 | 23.0\% |
| FRANKLIN | 2,132,605 | 2,129,253 | 3,352 | 0.0\% |
| FULTON | 139,473,623 | 138,077,431 | 1,396,193 | 1.0\% |
| GILMER | 3,073,264 | 2,559,340 | 513,924 | 20.0\% |
| GLASCOCK | 264,001 | 246,240 | 17,762 | 7.0\% |
| GLYNN | 8,962,448 | 6,673,117 | 2,289,331 | 34.0\% |
| GORDON | 5,183,460 | 4,923,847 | 259,613 | 5.0\% |
| GRADY | 2,466,420 | 2,410,576 | 55,845 | 2.0\% |
| GREENE | 1,961,263 | 1,267,538 | 693,724 | 55.0\% |
| GWINNETT | 108,270,363 | 92,670,753 | 15,599,610 | 17.0\% |
| HABERSHAM | 3,928,563 | 3,330,866 | 597,697 | 18.0\% |
| HALL | 20,987,835 | 18,531,300 | 2,456,535 | 13.0\% |
| HANCOCK | 661,927 | 562,953 | 98,974 | 18.0\% |
| HARALSON | 3,025,359 | 2,770,878 | 254,481 | 9.0\% |
| HARRIS | 3,838,389 | 3,277,745 | 560,644 | 17.0\% |
| HART | 2,170,548 | 1,663,680 | 506,869 | 30.0\% |
| HEARD | 999,418 | 802,081 | 197,338 | 25.0\% |
| HENRY | 25,945,111 | 25,359,843 | 585,268 | 2.0\% |
| HOUSTON | 15,517,242 | 16,966,030 | -1,448,789 | -9.0\% |
| IRWIN | 939,355 | 958,342 | -18,987 | -2.0\% |
| JACKSON | 7,705,899 | 7,041,610 | 664,289 | 9.0\% |
| JASPER | 1,692,413 | 1,504,274 | 188,139 | 13.0\% |
| JEFF DAVIS | 1,452,354 | 1,393,377 | 58,976 | 4.0\% |
| JEFFERSON | 1,611,854 | 1,524,842 | 87,013 | 6.0\% |


|  | $2015 \text { TAVT + Ad }$ valorem | 2015 Target Amt. | Difference | \% of Target |
| :---: | :---: | :---: | :---: | :---: |
| JENKINS | 711,903 | 627,925 | 83,979 | 13.0\% |
| JOHNSON | 772,979 | 710,151 | 62,828 | 9.0\% |
| JONES | 3,177,966 | 3,109,824 | 68,142 | 2.0\% |
| LAMAR | 1,658,798 | 1,374,048 | 284,750 | 21.0\% |
| LANIER | 785,592 | 771,561 | 14,031 | 2.0\% |
| LAURENS | 4,812,787 | 4,543,436 | 269,350 | 6.0\% |
| LEE | 3,942,436 | 3,901,438 | 40,998 | 1.0\% |
| LIBERTY | 6,333,735 | 5,823,700 | 510,035 | 9.0\% |
| LINCOLN | 888,683 | 795,306 | 93,377 | 12.0\% |
| LONG | 1,280,851 | 987,237 | 293,613 | 30.0\% |
| LOWNDES | 10,044,904 | 9,461,608 | 583,295 | 6.0\% |
| LUMPKIN | 2,810,396 | 2,519,011 | 291,385 | 12.0\% |
| MACON | 1,023,687 | 1,063,560 | -39,873 | -4.0\% |
| MADISON | 2,810,654 | 2,519,786 | 290,868 | 12.0\% |
| MARION | 658,991 | 568,286 | 90,705 | 16.0\% |
| MCDUFFIE | 2,093,958 | 1,774,292 | 319,666 | 18.0\% |
| MCINTOSH | 1,139,206 | 1,047,663 | 91,543 | 9.0\% |
| MERIWETHER | 2,209,122 | 2,049,598 | 159,523 | 8.0\% |
| MILLER | 751,806 | 933,080 | -181,274 | -19.0\% |
| MITCHELL | 2,307,829 | 2,244,658 | 63,171 | 3.0\% |
| MONROE | 3,213,988 | 2,730,252 | 483,735 | 18.0\% |
| MONTGOMERY | 868,336 | 759,786 | 108,550 | 14.0\% |
| MORGAN | 2,466,313 | 1,933,034 | 533,279 | 28.0\% |
| MURRAY | 2,977,722 | 2,580,653 | 397,069 | 15.0\% |
| MUSCOGEE | 19,418,044 | 20,482,330 | -1,064,287 | -5.0\% |
| NEWTON | 11,699,036 | 11,347,549 | 351,486 | 3.0\% |
| OCONEE | 4,659,936 | 3,751,171 | 908,765 | 24.0\% |
| OGLETHORPE | 1,414,877 | 1,278,565 | 136,313 | 11.0\% |
| PAULDING | 15,580,426 | 13,647,866 | 1,932,560 | 14.0\% |
| PEACH | 2,866,745 | 2,966,883 | -100,138 | -3.0\% |
| PICKENS | 3,592,860 | 3,057,322 | 535,538 | 18.0\% |
| PIERCE | 2,018,731 | 1,999,244 | 19,487 | 1.0\% |
| PIKE | 2,291,420 | 1,790,959 | 500,461 | 28.0\% |
| POLK | 3,759,223 | 3,401,842 | 357,381 | 11.0\% |
| PULASKI | 859,099 | 983,351 | -124,252 | -13.0\% |
| PUTNAM | 2,380,453 | 1,663,857 | 716,596 | 43.0\% |
| QUITMAN | 243,599 | 235,463 | 8,136 | 3.0\% |
| RABUN | 1,566,494 | 1,436,537 | 129,957 | 9.0\% |
| RANDOLPH | 660,506 | 830,045 | -169,539 | -20.0\% |
| RICHMOND | 17,783,863 | 17,102,440 | 681,422 | 4.0\% |
| ROCKDALE | 10,503,276 | 11,014,751 | -511,475 | -5.0\% |


|  | $\begin{gathered} 2015 \text { TAVT + Ad } \\ \text { valorem } \end{gathered}$ | 2015 Target Amt. | Difference | \% of Target |
| :---: | :---: | :---: | :---: | :---: |
| SCHLEY | 462,976 | 483,487 | -20,511 | -4.0\% |
| SCREVEN | 1,309,312 | 1,218,674 | 90,638 | 7.0\% |
| SEMINOLE | 1,045,071 | 1,106,811 | -61,740 | -6.0\% |
| SPALDING | 6,161,033 | 6,827,461 | -666,428 | -10.0\% |
| STEPHENS | 2,370,842 | 2,306,657 | 64,186 | 3.0\% |
| STEWART | 369,426 | 354,118 | 15,308 | 4.0\% |
| SUMTER | 2,731,179 | 2,888,424 | -157,245 | -5.0\% |
| TALBOT | 623,729 | 556,706 | 67,023 | 12.0\% |
| TALIAFERRO | 180,647 | 159,795 | 20,852 | 13.0\% |
| TATTNALL | 2,076,305 | 1,796,268 | 280,037 | 16.0\% |
| TAYLOR | 753,146 | 690,003 | 63,144 | 9.0\% |
| TELFAIR | 953,680 | 979,739 | -26,059 | -3.0\% |
| TERRELL | 1,064,309 | 1,130,832 | -66,523 | -6.0\% |
| THOMAS | 4,390,908 | 4,054,805 | 336,103 | 8.0\% |
| TIFT | 4,431,117 | 4,336,374 | 94,743 | 2.0\% |
| TOOMBS | 2,811,643 | 2,531,175 | 280,469 | 11.0\% |
| TOWNS | 1,144,364 | 742,185 | 402,178 | 54.0\% |
| TREUTLEN | 614,300 | 482,899 | 131,401 | 27.0\% |
| TROUP | 6,858,504 | 6,343,268 | 515,236 | 8.0\% |
| TURNER | 853,580 | 861,152 | -7,573 | -1.0\% |
| TWIGGS | 843,060 | 828,290 | 14,770 | 2.0\% |
| UNION | 2,424,169 | 1,752,844 | 671,325 | 38.0\% |
| UPSON | 2,415,771 | 2,042,824 | 372,947 | 18.0\% |
| WALKER | 5,117,233 | 4,733,164 | 384,070 | 8.0\% |
| WALTON | 11,192,197 | 10,601,938 | 590,259 | 6.0\% |
| WARE | 3,222,628 | 3,680,100 | -457,472 | -12.0\% |
| WARREN | 511,507 | 486,895 | 24,612 | 5.0\% |
| WASHINGTON | 2,030,626 | 1,979,789 | 50,837 | 3.0\% |
| WAYNE | 2,818,845 | 2,949,669 | -130,824 | -4.0\% |
| WEBSTER | 242,313 | 239,095 | 3,218 | 1.0\% |
| WHEELER | 528,452 | 476,486 | 51,967 | 11.0\% |
| WHITE | 2,802,173 | 2,389,275 | 412,898 | 17.0\% |
| WHITFIELD | 9,449,418 | 6,411,010 | 3,038,409 | 47.0\% |
| WILCOX | 740,016 | 766,934 | -26,918 | -4.0\% |
| WILKES | 1,051,909 | 888,914 | 162,994 | 18.0\% |
| WILKINSON | 1,211,623 | 1,195,514 | 16,109 | 1.0\% |
| WORTH | 2,076,401 | 1,893,470 | 182,931 | 10.0\% |

## Target \#2 Analysis Results

Using Target \#2 as the benchmark in the analysis, 67 counties had 2015 TAVT revenues that exceeded the target amount and 83 counties had revenues below their target amount. The aggregate amount by which the counties exceeded the target is was equal to $\$ 38.7$ million while the aggregate amount for those below the target was $\$ 63.8$ million. On average counties were 0.11 percent below target. Table 2.1 provides a distribution of the results as measured against Target \#2. For instance, 34 counties had TAVT revenues which were 10 percent or more below their target amount and 25 counties had TAVT revenues which were 10 or more above the target amount. 22 counties had TAVT revenues which were between 1 percent below and 1 percent above the target amount.

Table 2.1 Summary Using Target \#2

|  | \# of Counties | Amount of Difference | \% of All Counties |
| :---: | :---: | :---: | :---: |
| Less than or equal to -10\% | 34 | -\$39,777,325 | 21.4\% |
| Greater than $-10 \%$ and less than or equal to -5\% | 30 | -\$22,421,605 | 18.9\% |
| Greater than -5\% and less than -1\% | 12 | -\$1,453,046 | 7.5\% |
| Less than or equal to $-1 \%$ and less than or equal to $1.0 \%$ | 22 | \$138,727 | 13.8\% |
| Greater than $1 \%$ and less than 5\% | 15 | \$1,420,083 | 9.4\% |
| Greater or equal to 5\% and less than $10 \%$ | 21 | \$17,654,508 | 13.2\% |
| Greater than or equal to $10 \%$ | 25 | \$19,266,170 | 15.7\% |

In Table 2.2 we present the results of the target analysis using the 2016 share measured against Target \#2. This data represents the 2015 TAVT revenues that would have occurred if the rate had been 40.55 percent in 2015. Under those conditions, revenues in 36 counties would have exceeded the target and revenues in 120 would have fallen below the target. The aggregate total for those exceeding the target would have equaled $\$ 10.3$ million and the aggregate total for those falling below the target would have equaled $\$ 109.8$ million. On average, counties would have been 6.5 percent below target. The distribution of the simulated revenues against the target are shown in Table 2.2. Unlike the analysis against Target \#1, applying the adjusted share to the 2015 data when measured against Target \#2 has the effect of increasing the number of counties in which revenues fell below this target.

It is important to note that current law does not define a target amount for individual counties. The law does set a local government target amount of $\$ 1,060,000,000$ for 2015. Because the local government target collection amount for 2015 is less than the local government collections from motor vehicle ad valorem and motor vehicle sales tax for 2012, the analysis when considered against Target \#2 appears less positive.

Table 2.2 Summary Using Target \#2 and 2016 Adjusted Share

|  | \# of <br> Counties | Amount of <br> Difference | \% of All Counties |
| :--- | :---: | :---: | :---: |
| Less than or equal to $-10 \%$ <br> Greater than $-10 \%$ and less than or equal <br> to -5\% | 67 | $-\$ 97,429,574$ | $42.1 \%$ |
| Greater than -5\% and less than -1\% | 35 | $-\$ 9,927,151$ | $22.0 \%$ |
| Less than or equal to -1\% and less than or | 14 | $-\$ 1,755,340$ | $8.8 \%$ |
| equal to $1.0 \%$ | 14 | $-\$ 350,006$ | $8.8 \%$ |
| Greater than 1\% and less than 5\% | 7 | $\$ 517,445$ | $4.4 \%$ |
| Greater or equal to 5\% and less than 10\% | 11 | $\$ 4,126,311$ | $6.9 \%$ |
| Greater than or equal to $10 \%$ | 11 | $\$ 5,334,744$ | $6.9 \%$ |

Figure 2. Distribution of Actuals and Adjusted for 2015 as a percent of Target \#2


Table 2.3 provides a list of results of the analysis in alphabetical order by county name. Column 2 provides the 2015 total of TAVT and the remaining motor vehicle ad valorem for each county. Column 3 provides the target value for each county. Column 4 provides the difference between the total TAVT and ad valorem and the target amount. Column 5 provides the difference expressed as a percent of the target amount.

Table 2.3 Alphabetical order of results against Target \#2 by county name

|  | 2015 TAVT + Ad valorem | 2015 Target Amt. | Difference | \% of <br> Target |
| :---: | :---: | :---: | :---: | :---: |
| APPLING | 2,060,562 | 2,300,801 | -240,239 | -10.0\% |
| ATKINSON | 705,274 | 766,009 | -60,735 | -8.0\% |
| BACON | 1,109,890 | 1,174,646 | -64,756 | -6.0\% |
| BAKER | 340,505 | 366,472 | -25,966 | -7.0\% |
| BALDWIN | 3,732,387 | 4,162,441 | -430,054 | -10.0\% |
| BANKS | 1,760,604 | 1,567,876 | 192,728 | 12.0\% |
| BARROW | 8,002,637 | 7,796,638 | 205,999 | 3.0\% |
| BARTOW | 10,952,418 | 9,979,072 | 973,345 | 10.0\% |
| BEN HILL | 1,539,034 | 1,729,803 | -190,769 | -11.0\% |
| BERRIEN | 1,661,336 | 1,992,046 | -330,710 | -17.0\% |
| BIBB | 15,945,258 | 18,882,167 | -2,936,908 | -16.0\% |
| BLECKLEY | 1,259,395 | 1,401,407 | -142,011 | -10.0\% |
| BRANTLEY | 1,622,797 | 1,960,778 | -337,981 | -17.0\% |
| BROOKS | 1,438,519 | 1,409,826 | 28,693 | 2.0\% |
| BRYAN | 4,561,493 | 3,897,229 | 664,264 | 17.0\% |
| BULLOCH | 5,968,907 | 5,581,775 | 387,131 | 7.0\% |
| BURKE | 2,194,803 | 2,015,952 | 178,851 | 9.0\% |
| BUTTS | 2,478,278 | 2,856,398 | -378,120 | -13.0\% |
| CALHOUN | 579,403 | 584,620 | -5,216 | -1.0\% |
| CAMDEN | 5,345,951 | 5,652,943 | -306,993 | -5.0\% |
| CANDLER | 1,007,469 | 1,042,518 | -35,049 | -3.0\% |
| CARROLL | 11,032,809 | 11,251,596 | -218,787 | -2.0\% |
| CATOOSA | 5,773,885 | 6,282,760 | -508,875 | -8.0\% |
| CHARLTON | 891,108 | 1,033,375 | -142,267 | -14.0\% |
| CHATHAM | 33,421,187 | 36,031,285 | -2,610,098 | -7.0\% |
| CHATTAHOOCHEE | 727,306 | 466,857 | 260,449 | 56.0\% |
| CHATTOOGA | 1,872,368 | 1,848,969 | 23,399 | 1.0\% |
| CHEROKEE | 30,217,829 | 26,810,794 | 3,407,035 | 13.0\% |
| CLARKE | 9,104,498 | 10,300,851 | -1,196,354 | -12.0\% |
| CLAY | 267,651 | 265,430 | 2,221 | 1.0\% |
| CLAYTON | 26,356,784 | 31,658,055 | -5,301,272 | -17.0\% |
| CLINCH | 679,799 | 687,779 | -7,980 | -1.0\% |
| COBB | 92,497,910 | 86,573,864 | 5,924,045 | 7.0\% |
| COFFEE | 3,716,773 | 3,952,312 | -235,539 | -6.0\% |
| COLQUITT | 4,066,378 | 4,454,997 | -388,619 | -9.0\% |
| COLUMBIA | 17,085,328 | 17,083,203 | 2,125 | 0.0\% |
| COOK | 1,649,593 | 1,576,760 | 72,833 | 5.0\% |
| COWETA | 15,368,650 | 15,200,910 | 167,740 | 1.0\% |
| CRAWFORD | 1,292,511 | 1,182,622 | 109,890 | 9.0\% |
| CRISP | 2,082,338 | 2,204,067 | -121,729 | -6.0\% |


|  | 2015 TAVT + Ad valorem | 2015 Target Amt. | Difference | \% of Target |
| :---: | :---: | :---: | :---: | :---: |
| DADE | 1,448,495 | 1,234,235 | 214,260 | 17.0\% |
| DAWSON | 3,146,420 | 2,788,627 | 357,792 | 13.0\% |
| DECATUR | 2,876,692 | 2,983,853 | -107,161 | -4.0\% |
| DEKALB | 80,100,659 | 93,055,497 | -12,954,838 | -14.0\% |
| DODGE | 1,558,378 | 1,530,275 | 28,103 | 2.0\% |
| DOOLY | 1,077,040 | 1,333,274 | -256,235 | -19.0\% |
| DOUGHERTY | 8,608,749 | 10,990,400 | -2,381,652 | -22.0\% |
| DOUGLAS | 14,523,273 | 15,655,076 | -1,131,803 | -7.0\% |
| EARLY | 1,402,386 | 1,556,313 | -153,928 | -10.0\% |
| ECHOLS | 393,607 | 381,010 | 12,596 | 3.0\% |
| EFFINGHAM | 6,827,307 | 6,081,059 | 746,249 | 12.0\% |
| ELBERT | 1,777,459 | 1,761,502 | 15,957 | 1.0\% |
| EMANUEL | 2,109,023 | 2,355,609 | -246,586 | -10.0\% |
| EVANS | 1,035,253 | 1,033,359 | 1,894 | 0.0\% |
| FANNIN | 2,501,694 | 2,090,977 | 410,717 | 20.0\% |
| FAYETTE | 15,593,540 | 14,757,264 | 836,276 | 6.0\% |
| FLOYD | 9,268,447 | 10,051,159 | -782,712 | -8.0\% |
| FORSYTH | 29,785,032 | 26,400,934 | 3,384,098 | 13.0\% |
| FRANKLIN | 2,132,605 | 2,319,614 | -187,009 | -8.0\% |
| FULTON | 139,473,623 | 150,421,934 | -10,948,311 | -7.0\% |
| GILMER | 3,073,264 | 2,788,152 | 285,112 | 10.0\% |
| GLASCOCK | 264,001 | 268,254 | -4,253 | -2.0\% |
| GLYNN | 8,962,448 | 7,269,712 | 1,692,736 | 23.0\% |
| GORDON | 5,183,460 | 5,364,052 | -180,592 | -3.0\% |
| GRADY | 2,466,420 | 2,626,088 | -159,668 | -6.0\% |
| GREENE | 1,961,263 | 1,380,860 | 580,403 | 42.0\% |
| GWINNETT | 108,270,363 | 100,955,774 | 7,314,589 | 7.0\% |
| HABERSHAM | 3,928,563 | 3,628,654 | 299,909 | 8.0\% |
| HALL | 20,987,835 | 20,188,050 | 799,785 | 4.0\% |
| HANCOCK | 661,927 | 613,283 | 48,645 | 8.0\% |
| HARALSON | 3,025,359 | 3,018,602 | 6,756 | 0.0\% |
| HARRIS | 3,838,389 | 3,570,785 | 267,604 | 7.0\% |
| HART | 2,170,548 | 1,812,417 | 358,131 | 20.0\% |
| HEARD | 999,418 | 873,789 | 125,629 | 14.0\% |
| HENRY | 25,945,111 | 27,627,083 | -1,681,972 | -6.0\% |
| HOUSTON | 15,517,242 | 18,482,840 | -2,965,599 | -16.0\% |
| IRWIN | 939,355 | 1,044,020 | -104,665 | -10.0\% |
| JACKSON | 7,705,899 | 7,671,150 | 34,750 | 0.0\% |
| JASPER | 1,692,413 | 1,638,760 | 53,653 | 3.0\% |
| JEFF DAVIS | 1,452,354 | 1,517,949 | -65,595 | -4.0\% |
| JEFFERSON | 1,611,854 | 1,661,167 | -49,312 | -3.0\% |

11 | Page

|  |  |  |  | \% of |
| :--- | :---: | :---: | :---: | :---: |
| JENKINS | 2015 TAVT + Ad valorem | 2015 Target Amt. | Difference | Target |
| JOHNSON | 711,903 | 684,063 | 27,840 | $4.0 \%$ |
| JONES | 772,979 | 773,640 | -661 | $0.0 \%$ |
| LAMAR | $3,177,966$ | $3,387,851$ | $-209,884$ | $-6.0 \%$ |
| LANIER | $1,658,798$ | $1,496,891$ | 161,906 | $11.0 \%$ |
| LAURENS | 785,592 | 840,541 | $-54,949$ | $-7.0 \%$ |
| LEE | $4,812,787$ | $4,949,632$ | $-136,845$ | $-3.0 \%$ |
| LIBERTY | $3,942,436$ | $4,250,238$ | $-307,802$ | $-7.0 \%$ |
| LINCOLN | $6,333,735$ | $6,344,355$ | $-10,620$ | $0.0 \%$ |
| LONG | 888,683 | 866,408 | 22,275 | $3.0 \%$ |
| LOWNDES | $1,280,851$ | $1,075,499$ | 205,352 | $19.0 \%$ |
| LUMPKIN | $10,044,904$ | $10,307,502$ | $-262,599$ | $-3.0 \%$ |
| MACON | $2,810,396$ | $2,744,217$ | 66,179 | $2.0 \%$ |
| MADISON | $1,023,687$ | $1,158,645$ | $-134,958$ | $-12.0 \%$ |
| MARION | $2,810,654$ | $2,745,062$ | 65,593 | $2.0 \%$ |
| MCDUFFIE | 658,991 | 619,093 | 39,899 | $6.0 \%$ |
| MCINTOSH | $2,093,958$ | $1,932,919$ | 161,039 | $8.0 \%$ |
| MERIWETHER | $1,139,206$ | $1,141,327$ | $-2,121$ | $0.0 \%$ |
| MILLER | $2,209,122$ | $2,232,838$ | $-23,716$ | $-1.0 \%$ |
| MITCHELL | 751,806 | $1,016,500$ | $-264,694$ | $-26.0 \%$ |
| MONROE | $2,307,829$ | $2,445,336$ | $-137,508$ | $-6.0 \%$ |
| MONTGOMERY | $3,213,988$ | $2,974,344$ | 239,643 | $8.0 \%$ |
| MORGAN | 868,336 | 827,713 | 40,624 | $5.0 \%$ |
| MURRAY | $2,466,313$ | $18,631,446$ | $-847,583$ | $-5.0 \%$ |
| MUSCOGEE | $2,977,722$ | $11,999,500$ | $-1,496,225$ | $-12.0 \%$ |


|  |  |  |  | \% of <br> Target |
| :--- | :---: | :---: | :---: | :---: |
| SCHLEY | 2015 TAVT + Ad valorem | 2015 Target Amt. | Difference | $-63,736$ |
| SCREVEN | 462,976 | 526,712 | $-12.0 \%$ |  |
| SEMINOLE | $1,309,312$ | $1,327,626$ | $-18,315$ | $-1.0 \%$ |
| SPALDING | $1,045,071$ | $1,205,763$ | $-160,691$ | $-13.0 \%$ |
| STEPHENS | $6,161,033$ | $7,437,855$ | $-1,276,822$ | $-17.0 \%$ |
| STEWART | $2,370,842$ | $2,512,878$ | $-142,036$ | $-6.0 \%$ |
| SUMTER | 369,426 | 385,777 | $-16,351$ | $-4.0 \%$ |
| TALBOT | $2,731,179$ | $3,146,657$ | $-415,478$ | $-13.0 \%$ |
| TALIAFERRO | 623,729 | 606,477 | 17,252 | $3.0 \%$ |
| TATTNALL | 180,647 | 174,081 | 6,566 | $4.0 \%$ |
| TAYLOR | $2,076,305$ | $1,956,859$ | 119,445 | $6.0 \%$ |
| TELFAIR | 753,146 | 751,691 | 1,456 | $0.0 \%$ |
| TERRELL | 953,680 | $1,067,331$ | $-113,650$ | $-11.0 \%$ |
| THOMAS | $1,064,309$ | $1,231,931$ | $-167,622$ | $-14.0 \%$ |
| TIFT | $4,390,908$ | $4,417,316$ | $-26,408$ | $-1.0 \%$ |
| TOOMBS | $4,431,117$ | $4,724,058$ | $-292,941$ | $-6.0 \%$ |
| TOWNS | $2,811,643$ | $2,757,469$ | 54,175 | $2.0 \%$ |
| TREUTLEN | $1,144,364$ | 808,539 | 335,825 | $42.0 \%$ |
| TROUP | 614,300 | 526,071 | 88,229 | $17.0 \%$ |
| TURNER | $6,858,504$ | $6,910,374$ | $-51,870$ | $-1.0 \%$ |
| TWIGGS | 853,580 | 938,142 | $-84,562$ | $-9.0 \%$ |
| UNION | 843,060 | 902,341 | $-59,281$ | $-7.0 \%$ |
| UPSON | $2,424,169$ | $1,909,553$ | 514,616 | $27.0 \%$ |
| WALKER | $2,415,771$ | $2,225,458$ | 190,313 | $9.0 \%$ |
| WALTON | $5,117,233$ | $5,156,322$ | $-39,088$ | $-1.0 \%$ |
| WARE | $11,192,197$ | $11,549,781$ | $-357,584$ | $-3.0 \%$ |
| WARREN | $3,222,628$ | $4,009,111$ | $-786,483$ | $-20.0 \%$ |
| WASHINGTON | 511,507 | 530,424 | $-18,918$ | $-4.0 \%$ |
| WAYNE | $2,030,626$ | $2,156,788$ | $-126,162$ | $-6.0 \%$ |
| WEBSTER | $2,818,845$ | $3,213,377$ | $-394,532$ | $-12.0 \%$ |
| WHEELER | 242,313 | 260,471 | $-18,158$ | $-7.0 \%$ |
| WHITE | 528,452 | 519,085 | 9,367 | $2.0 \%$ |
| WHITFIELD | $2,802,173$ | $2,602,882$ | 199,291 | $8.0 \%$ |
| WILCOX | $9,449,418$ | $6,984,172$ | $2,465,247$ | $35.0 \%$ |
| WILKES | 740,016 | $-95,484$ | $-11.0 \%$ |  |
| WILKINSON | $1,051,909$ | 83,523 | $9.0 \%$ |  |
| WORTH | $1,211,623$ | $-90,773$ | $-7.0 \%$ |  |
|  | $2,076,401$ | $1,302,396$ | 13,650 | $1.0 \%$ |
|  | $2,062,752$ |  |  |  |

## Change in Motor Vehicle Ad Valorem Receipts

Table 3 provides the change in motor vehicle ad valorem receipts by county between 2012 and 2015. Over all counties, the average decline in motor vehicle ad valorem was 48.8 percent. The maximum decline was 59.8 percent and the minimum decline was 25.2 percent.

Table 3. Percent Change in motor vehicle ad valorem receipts, 2012-2015

| County | \% Decline |
| :--- | :---: |
| APPLING | $-55.8 \%$ |
| ATKINSON | $-51.2 \%$ |
| BACON | $-49.3 \%$ |
| BAKER | $-48.4 \%$ |
| BALDWIN | $-49.7 \%$ |
| BANKS | $-44.4 \%$ |
| BARROW | $-48.7 \%$ |
| BARTOW | $-47.2 \%$ |
| BEN HILL | $-52.5 \%$ |
| BERRIEN | $-54.1 \%$ |
| BIBB | $-56.7 \%$ |
| BLECKLEY | $-49.2 \%$ |
| BRANTLEY | $-59.8 \%$ |
| BROOKS | $-46.1 \%$ |
| BRYAN | $-52.0 \%$ |
| BULLOCH | $-52.0 \%$ |
| BURKE | $-53.7 \%$ |
| BUTTS | $-56.1 \%$ |
| CALHOUN | $-28.8 \%$ |
| CAMDEN | $-50.0 \%$ |
| CANDLER | $-52.5 \%$ |
| CARROLL | $-52.8 \%$ |
| CATOOSA | $-50.0 \%$ |
| CHARLTON | $-49.5 \%$ |
| CHATHAM | $-56.7 \%$ |
| CHATTAHOOCHEE | $-53.4 \%$ |
| CHATTOOGA | $-46.2 \%$ |
| CHEROKEE | $-53.7 \%$ |
| CLARKE | $-54.8 \%$ |
| CLAY | $-39.5 \%$ |
| CLAYTON | $-57.9 \%$ |
| CLINCH | $-52.4 \%$ |
| COBB | $-56.1 \%$ |
| COFFEE | $-53.9 \%$ |
| COLQUITT | $-46.6 \%$ |
| COLUMBIA | $-52.7 \%$ |
|  |  |


| County | \% Decline |
| :---: | :---: |
| COOK | -48.2\% |
| COWETA | -54.2\% |
| CRAWFORD | -43.0\% |
| CRISP | -51.5\% |
| DADE | -39.9\% |
| DAWSON | -47.8\% |
| DECATUR | -39.9\% |
| DEKALB | -57.5\% |
| DODGE | -48.2\% |
| DOOLY | -51.8\% |
| DOUGHERTY | -52.4\% |
| DOUGLAS | -53.0\% |
| EARLY | -31.3\% |
| ECHOLS | -53.1\% |
| EFFINGHAM | -50.7\% |
| ELBERT | -44.9\% |
| EMANUEL | -54.0\% |
| EVANS | -49.9\% |
| FANNIN | -48.2\% |
| FAYETTE | -52.9\% |
| FLOYD | -51.5\% |
| FORSYTH | -52.1\% |
| FRANKLIN | -47.7\% |
| FULTON | -58.8\% |
| GILMER | -48.5\% |
| GLASCOCK | -42.6\% |
| GLYNN | -48.0\% |
| GORDON | -49.8\% |
| GRADY | -43.7\% |
| GREENE | -44.3\% |
| GWINNETT | -54.0\% |
| HABERSHAM | -44.0\% |
| HALL | -48.7\% |
| HANCOCK | -44.4\% |
| HARALSON | -49.0\% |
| HARRIS | -47.3\% |
| HART | -36.7\% |
| HEARD | -50.4\% |
| HENRY | -53.4\% |
| HOUSTON | -53.9\% |
| IRWIN | -52.3\% |
| JACKSON | -45.6\% |


| County | \% Decline |
| :--- | :---: |
| JASPER | $-46.0 \%$ |
| JEFF DAVIS | $-48.4 \%$ |
| JEFFERSON | $-45.4 \%$ |
| JENKINS | $-51.6 \%$ |
| JOHNSON | $-46.1 \%$ |
| JONES | $-50.6 \%$ |
| LAMAR | $-43.7 \%$ |
| LANIER | $-52.2 \%$ |
| LAURENS | $-51.9 \%$ |
| LEE | $-48.1 \%$ |
| LIBERTY | $-51.4 \%$ |
| LINCOLN | $-44.8 \%$ |
| LONG | $-54.8 \%$ |
| LOWNDES | $-50.7 \%$ |
| LUMPKIN | $-42.2 \%$ |
| MACON | $-48.6 \%$ |
| MADISON | $-48.2 \%$ |
| MARION | $-50.4 \%$ |
| MCDUFFIE | $-50.7 \%$ |
| MCINTOSH | $-51.2 \%$ |
| MERIWETHER | $-48.3 \%$ |
| MILLER | $-47.4 \%$ |
| MITCHELL | $-46.9 \%$ |
| MONROE | $-50.5 \%$ |
| MONTGOMERY | $-50.3 \%$ |
| MORGAN | $-43.7 \%$ |
| MURRAY | $-47.4 \%$ |
| MUSCOGEE | $-55.5 \%$ |
| NEWTON | $-53.0 \%$ |
| OCONEE | $-49.0 \%$ |
| OGLETHORPE | $-47.8 \%$ |
| PAULDING | $-53.5 \%$ |
| PEACH | $-49.5 \%$ |
| PICKENS | $-46.5 \%$ |
| PIERCE | $-55.1 \%$ |
| PIKE | $-45.5 \%$ |
| POLK | $-50.9 \%$ |
| PULASKI | $-54.1 \%$ |
| PUTNAM | $-35.9 \%$ |
| QUITMAN | $-25.2 \%$ |
| RABUN | RANDOLPH |


| County | \% Decline |
| :--- | :---: |
| RICHMOND | $-50.1 \%$ |
| ROCKDALE | $-51.5 \%$ |
| SCHLEY | $-52.0 \%$ |
| SCREVEN | $-49.8 \%$ |
| SEMINOLE | $-46.8 \%$ |
| SPALDING | $-49.8 \%$ |
| STEPHENS | $-46.8 \%$ |
| STEWART | $-49.1 \%$ |
| SUMTER | $-51.2 \%$ |
| TALBOT | $-43.8 \%$ |
| TALIAFERRO | $-48.8 \%$ |
| TATTNALL | $-49.6 \%$ |
| TAYLOR | $-42.9 \%$ |
| TELFAIR | $-46.2 \%$ |
| TERRELL | $-52.1 \%$ |
| THOMAS | $-43.5 \%$ |
| TIFT | $-50.3 \%$ |
| TOOMBS | $-53.2 \%$ |
| TOWNS | $-34.0 \%$ |
| TREUTLEN | $-52.1 \%$ |
| TROUP | $-50.9 \%$ |
| TURNER | $-45.1 \%$ |
| TWIGGS | $-50.5 \%$ |
| UNION | $-46.9 \%$ |
| UPSON | $-38.3 \%$ |
| WALKER | $-47.2 \%$ |
| WALTON | $-47.9 \%$ |
| WARE | $-53.4 \%$ |
| WARREN | $-44.9 \%$ |
| WASHINGTON | $-40.8 \%$ |
| WAYNE | $-57.3 \%$ |
| WEBSTER | $-50.4 \%$ |
| WHEELER | $-48.7 \%$ |
| WHITE | $-44.9 \%$ |
| WHITFIELD | $-39.6 \%$ |
| WILCOX | $-53.4 \%$ |
| WILKES | $-45.5 \%$ |
| WILKINSON | $-43.4 \%$ |
| WORTH | $-46.3 \%$ |
|  |  |


[^0]:    ${ }^{1}$ Motor vehicle sales tax receipts have been adjusted to exclude sales tax receipts generated from the sale of parts and equipment at vehicle dealerships.

