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# The Tax Cuts and Jobs Act and the Middle Class

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## Abstract

This paper explores how the tax cuts and jobs act of 2017 impacts middle-class taxpayers by calculating the tax liability at different levels of income and deductions in 2017 versus 2018. The results confirm the statements supporting the positive effect of the tax change for the middle class.

The tax cut and jobs act eliminates personal exemptions, changes the standard deductions at various incomes and family sizes, and lowers marginal tax rates. After providing details of the act, this research examines the definition of the U.S. middle class by using prior research from the Pew Research Center, the United States Census Bureau, and the federal reserve to determine which income levels are attributable to the middle class. Then the tax liability for these income classes is calculated for single and married filing jointly taxpayers in both 2017 and 2018 to determine if the tax cuts and jobs act reduces the tax liability for the middle class. The results show that in almost all scenarios the tax liability in 2018 will be lower than in 2017, regardless of whether standard or itemized deductions are taken. The marriage penalty is no longer applicable, and the new tax act provides a substantial benefit to large families.

**Keywords:** taxation, income, middle class, tax planning, tax cut and jobs act, tax legislation.

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## I. INTRODUCTION

The United States has had numerous changes to income tax laws, but none more dramatic than the 2018 tax changes, commonly referred to as the tax cuts and jobs act of 2017<sup>1</sup>. These changes provide relief at several levels, especially for the middle class, but when the Tax Cut and Jobs Act was announced many news articles debated if the tax cuts would significantly benefit middle-class taxpayers, or only businesses and the wealthy (Hendrie, 2017; Kessler, 2018).

For individual taxpayers, the existing tax legislation for 2017 provided for personal exemptions of \$4,050, child tax credits of \$1,000 per child up to age 17 and level of income, and standard deductions of \$6,350 for single filers and \$12,700 for married taxpayers filing jointly. It allowed numerous families to itemize deductions for items such as mortgage interest, state and local taxes, and medical expenses, along with many other deductions, including moving expenses, safety deposit boxes, tax preparation, and hobby losses. Many of these were subject to floors based on adjusted income and phased out at certain income levels of the taxpayer. The personal exemption amounts for 2017 were \$4,050, the same as in 2016. However, the exemption was subject to a phase-out beginning with adjusted gross incomes of \$261,500 (\$313,800 for married couples filing jointly). The exemption phased out entirely at \$384,000 (\$436,300 for married couples filing jointly).

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The tax cuts and jobs act decreases the corporate tax rate from 35% to 21%, but also reduces individual marginal tax rates from tax brackets of 10%, 15%, 25%, 28%, 35%, and 39.6% to tax brackets of 10%, 12%, 22%, 24%, 32%, 35%, and 37%. It also greatly increases the standard deductions for individual taxpayers and eliminates personal exemptions, making itemization less likely for most taxpayers. Standard deductions increase to \$12,000 for single filers and \$24,000 for married couples filing jointly. The new child tax credit doubles to \$2,000 per qualifying child under the age of 17, and there is a refundable portion of the child tax credit limited to \$1,400 per child. This is important for lower- and middle-income families, since the phase-out for the child tax credit begins at \$200,000 single or \$400,000 for joint filers, as compared to the 2017 phase-out beginning at \$75,000 or \$110,000 respectively. Deductions for student loan interest, excessive medical expenses, state and local taxes up to \$10,000, and the tax break for graduate students remain intact. It seems clear that lower-income taxpayers who did not itemize deductions will benefit from the tax cuts and jobs act, but will middle-class taxpayers, especially those who itemized deductions in 2017, also see their tax liability reduced in 2018?

In this paper, the different definitions of the U.S. middle class used in past research are discussed to construct a consensus on middle-class income levels. Then the tax liability for both 2017 and 2018 is calculated for six income levels of both single and married filing jointly taxpayers, both with and without children, to determine whether middle-class taxpayers benefit significantly from the tax changes.

Taxpayers who itemized deductions in 2017 are examined to determine if their tax liability will increase or decrease, since the threshold for itemizing is much higher with the new tax act. Breakeven itemized deduction amounts that make the tax liability equal between the 2017 and 2018 tax laws are also determined.

Results show the tax liability for middle-class taxpayers, especially those with children, decreases in all scenarios for those who use the standard deduction. For taxpayers who itemize their deductions, only in the unlikely cases where taxpayers at the lowest income levels have very high itemized deductions will the tax liability increase for those with no children. In all other cases, the tax liability in 2018 will decrease. Our research supports the fact that the tax cuts and jobs act benefits not only businesses and the wealthy but also the middle class.

## **II. DEFINING THE MIDDLE CLASS**

The mainstream media often discusses the middle class in the United States, but it is difficult to come to a consensus as to precisely who comprises the middle class (Varner, 2012; Yen, 2012; and Williams, 2014). Even most Americans are undecided – only 44% of Americans identify themselves as middle class, down from 53% in 2008 (Kochhar & Morin, 2014). The majority of Americans surveyed by the Pew Research Center state that a secure job and the ability to save money are requirements to be middle class, but only 30% say a college education is necessary to be middle class (Brown, 2016). The responses suggest there are numerous factors to consider when defining various groups in the United States, such as educational level, net worth, debt burden, age, and ethnicity (Bricker et al., 2017). However, the majority of the literature regarding how to define the middle class focuses on either taxes paid or income.

In some of the literature, the burden of income taxes paid determines the division among the lower, middle, and upper classes. The Pew Research Center research of IRS tax data from 2015 found taxpayers with incomes over \$200,000 pay the majority of federal income taxes, 58.8 percent. Taxpayers with incomes below

\$30,000 only paid 1.4% of federal income taxes (Desilver, 2017). Research by the Tax Foundation supports this trend; the income tax burden shift to higher earning taxpayers (above \$250,000 AGI) was from 52 percent in 2013 to 55 in 2014 (Tax Foundation, 2016). Therefore, one definition of the middle class could be taxpayers in the 25% and 28% tax brackets. This corresponds to adjusted gross incomes, between \$37,950 for a single taxpayer to \$233,350 for married taxpayers filing jointly (IRS, 2017). The IRS data does not consider any economic issues other than income taxes paid.

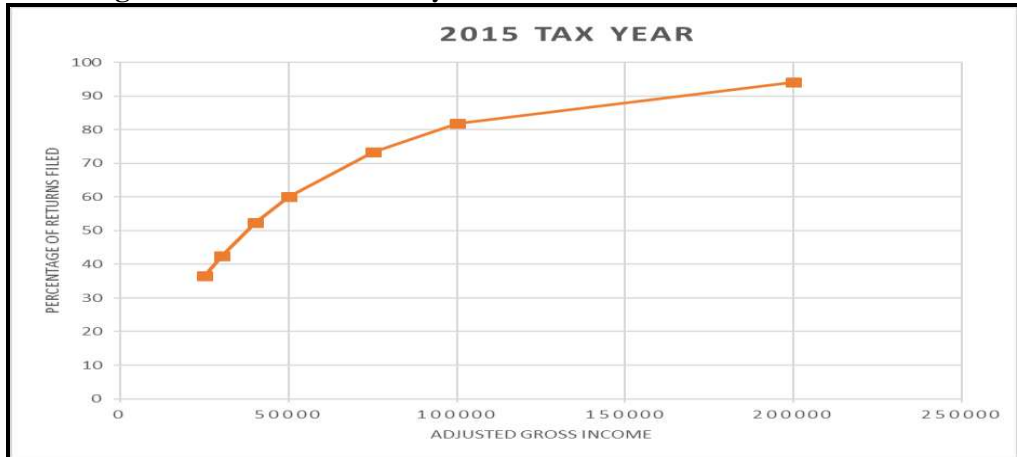
Much of the research regarding the middle class uses income levels and family size. The Pew Research Center, using data from the 2014 Census Bureau Current Population Survey, defines middle-income Americans as adults whose annual household income is between two-thirds to double the national median income while accounting for household size. This equates to a range between \$24,173 for a single person and \$162,161 for a household of five (Pew Research Center, 2015). Through this research, they determined the decline in the middle class in the past years has been substantial; the middle class is no longer considered the majority population nor the majority share of income in the United States. Their research shows a narrowing of the middle class by a "hollowing out" of the middle class with some becoming more economically worse and others rising above the middle class (Pew Research Center, 2015).

The Census Bureau, in their 2017 Current Population Survey, divides household income into quintiles. In 2016, the lowest quintile income limit was \$24,002 and the upper limit of the fourth quintile was \$121,018, with the median income being \$59,039 (U. S. Census Bureau, 2017). This data has been used extensively by economists to define the middle class, but no consensus definition has ever developed – they range anywhere from the middle 20 percent of earnings to incomes between \$25,000 to \$199,999 (Reeves et al., 2018).

The Federal Reserve has also performed research on the middle class. Using its 2013 Survey of Consumer Finances, it defined the middle class as either families with annual income between \$24,349, or the 25<sup>th</sup> percentile, and \$89,887, the 75<sup>th</sup> percentile, or based on wealth, the middle two percentiles including families between \$8,784 and \$315,715 of net worth (Emmons & Noeth, 2015). However, it discusses the fact that these definitions fail to include characteristics such as age, education, and ethnicity. It defines three groups of families headed by someone 40 years of age or older, in which the middle class includes 44 percent of families in the 2013 Survey of Consumer Finances with a head of household who is white or Asian with a high school diploma or black or Hispanic with a two- or four-year college degree. The results of this research show the median income of this group was 16 percent lower in 2013 than in 1989, while the median income of the upper 33 percent of households (termed "thrivers") increased by 2 percent during the same period (Emmons & Noeth, 2015).

Using IRS data from individual tax returns, in 2015 36.5% of the returns came from taxpayers with adjusted gross income of \$25,000 or less, and 94% of all returns came from taxpayers with AGI under \$200,000 (IRS, 2017a). If the middle class should represent the middle or majority of the U.S. population, then the middle class falls somewhere between these amounts (see Figure 1).

**Figure 1**  
**Percentage of Tax Returns Filed by AGI for 2015**



### III. THE IMPACT OF THE TAX CUTS AND JOBS ACT ON MIDDLE CLASS TAX LIABILITY

Considering all the various definitions of the middle class above, six adjusted gross income levels beginning at \$25,000 for single taxpayers or \$50,000 for married filing jointly taxpayers and increased in \$25,000 increments, are examined to determine how the tax cuts and jobs act affects the tax liability of middle-class taxpayers. These income levels range from \$25,000 to \$175,000, which should encompass most of the definitions of the U.S. middle class. The four filing statuses selected for the analysis were single and married filing jointly (MFJ) with no children, two children, and five children. Comparing similar income and filing statuses between 2017 and 2018 allows for the comparison of the difference in tax liability, emphasizing the tax law changes and their impact on the middle class.

Tax liabilities are calculated using both standard deductions and itemized deductions at amounts ranging from \$10,000 for single taxpayers to \$30,000 for married taxpayers filing jointly. The tax cuts and jobs act eliminates personal exemptions but approximately doubles the standard deduction. The change is estimated to reduce the number of taxpayers who itemize deductions by approximately 61% (Joint Committee on Taxation, 2018), so of particular interest is how the tax act affects the tax liability of those taxpayers who had enough deductions to itemize in 2017 but will not in 2018 due to the expansion of the standard deduction.

Tables 1 through 4 provide comparisons of the tax liability from 2017 to 2018 for single and married filing jointly taxpayers who take the standard deduction of \$6,350 / \$12,000 for individual taxpayers or \$12,700 / \$24,000 for married filing jointly. The results show in all cases the tax liability decreases in 2018, at an average reduction of 15.9% for single taxpayers or 34.5% for married filing jointly taxpayers with five children. The percentage change of the tax cut is higher for lower-income taxpayers than for those with larger incomes. The argument stating the tax cuts and jobs act only helps businesses and the wealthy lacks validity.

These tables reflect how significant the 2018 child tax credit changes are for families. The credit increases to \$2,000 per qualifying child under the age of 17 at the end of the tax year, and there is now a refundable portion of the credit up to \$1,400 per

child. This change allows lower-income families to go from either zero tax liability or a small tax payment to a potentially large tax refund.

Table 1

## Differences in Taxes Filing Single with No Children using the Standard Deduction

Year	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
<b>Adjusted Gross Income</b>	<b>\$25,000</b>		<b>\$50,000</b>		<b>\$75,000</b>		<b>\$100,000</b>		<b>\$125,000</b>		<b>\$150,000</b>	
Personal Exemptions	\$4,050	\$0	\$4,050	\$0	\$4,050	\$0	\$4,050	\$0	\$4,050	\$0	\$4,050	\$0
Standard Deduction	\$6,350	\$12,000	\$6,350	\$12,000	\$6,350	\$12,000	\$6,350	\$12,000	\$6,350	\$12,000	\$6,350	\$12,000
Taxable Income	\$14,600	\$13,000	\$39,600	\$38,000	\$64,600	\$63,000	\$89,600	\$88,000	\$114,600	\$113,000	\$139,600	\$138,000
Tax Before Credits	\$1,728	\$1,370	\$5,645	\$4,370	\$11,895	\$9,800	\$18,145	\$15,410	\$25,070	\$21,410	\$32,070	\$27,410
Child Tax Credit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tax After Credits	\$1,728	\$1,370	\$5,645	\$4,370	\$11,895	\$9,800	\$18,145	\$15,410	\$25,070	\$21,410	\$32,070	\$27,410
Tax Cut (-) or Increase (+)		-\$358		-\$1,275		-\$2,095		-\$2,735		-\$3,660		-\$4,660
% Change		-20.7%		-22.6%		-17.6%		-15.1%		-14.6%		-14.5%

Table 2

## Differences in Taxes Married Filing Jointly with No Children using the Standard Deduction

Year	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
<b>Adjusted Gross Income</b>	<b>\$50,000</b>		<b>\$75,000</b>		<b>\$100,000</b>		<b>\$125,000</b>		<b>\$150,000</b>		<b>\$175,000</b>	
Personal Exemptions	\$8,100	\$0	\$8,100	\$0	\$8,100	\$0	\$8,100	\$0	\$8,100	\$0	\$8,100	\$0
Standard Deduction	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000
Taxable Income	\$29,200	\$26,000	\$54,200	\$51,000	\$79,200	\$76,000	\$104,200	\$101,000	\$129,200	\$126,000	\$154,200	\$151,000
Tax Before Credits	\$3,451	\$2,739	\$7,201	\$5,739	\$11,284	\$8,739	\$17,528	\$14,099	\$23,778	\$19,599	\$30,061	\$25,099
Child Tax Credit	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tax After Credits	\$3,451	\$2,739	\$7,201	\$5,739	\$11,284	\$8,739	\$17,528	\$14,099	\$23,778	\$19,599	\$30,061	\$25,099
Tax Cut (-) or Increase (+)		-\$712		-\$1,462		-\$2,545		-\$3,428		-\$4,178		-\$4,962
% Change		-20.6%		-20.3%		-22.6%		-19.6%		-17.6%		-16.5%

Table 3

## Differences in Taxes Married Filing Jointly with 2 Children using the Standard Deduction

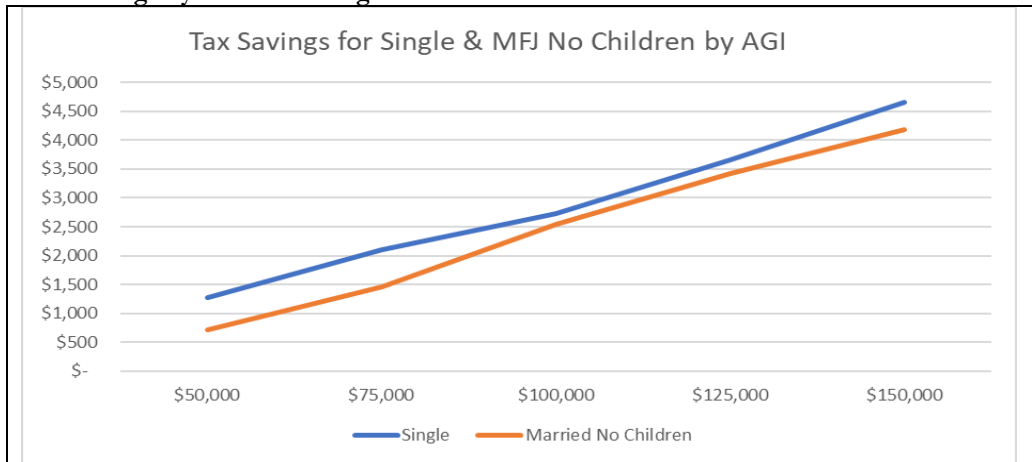
Year	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
<b>Adjusted Gross Income</b>	<b>\$50,000</b>		<b>\$75,000</b>		<b>\$100,000</b>		<b>\$125,000</b>		<b>\$150,000</b>		<b>\$175,000</b>	
Personal Exemptions	\$16,200	\$0	\$16,200	\$0	\$16,200	\$0	\$16,200	\$0	\$16,200	\$0	\$16,200	\$0
Standard Deduction	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000
Taxable Income	\$21,100	\$26,000	\$46,100	\$51,000	\$71,100	\$76,000	\$96,100	\$101,000	\$121,100	\$126,000	\$146,100	\$151,000
Tax Before Credits	\$2,236	\$2,739	\$5,986	\$5,739	\$9,736	\$8,739	\$15,509	\$14,099	\$21,753	\$19,599	\$28,003	\$25,099
Child Tax Credit	\$2,000	\$4,000	\$2,000	\$4,000	\$2,000	\$4,000	\$1,250	\$4,000	\$0	\$4,000	\$0	\$4,000
Tax after Credits	\$236	-\$1,261	\$3,986	\$1,739	\$7,736	\$4,739	\$14,259	\$10,099	\$21,753	\$15,599	\$28,003	\$21,099
Tax Cut (-) or Increase (+)		-\$1,497		-\$2,247		-\$2,997		-\$4,160		-\$6,154		-\$6,904
% Change		-634.3%		-31.2%		-26.6%		-23.7%		-25.9%		-23.0%

**Table 4**  
**Differences in Taxes Married Filing Jointly with 5 Children using the Standard Deduction**

Year	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
Adjusted Gross Income	\$50,000		\$75,000		\$100,000		\$125,000		\$150,000		\$175,000	
Personal Exemptions	\$28,350	\$0	\$28,350	\$0	\$28,350	\$0	\$28,350	\$0	\$28,350	\$0	\$28,350	\$0
Standard Deduction	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000	\$12,700	\$24,000
Taxable Income	\$8,950	\$26,000	\$33,950	\$51,000	\$58,950	\$76,000	\$83,950	\$101,000	\$108,950	\$126,000	\$133,950	\$151,000
Tax Before Credits	\$898	\$2,739	\$4,164	\$5,739	\$7,914	\$8,739	\$12,471	\$14,099	\$18,715	\$19,599	\$24,965	\$25,099
Child Tax Credit	\$898	\$9,739	\$4,164	\$10,000	\$5,000	\$10,000	\$4,250	\$10,000	\$3,000	\$10,000	\$1,750	\$10,000
Tax after Credits	\$0	-\$7,000	\$0	-\$4,261	\$2,914	-\$1,261	\$8,221	\$4,099	\$15,715	\$9,599	\$23,215	\$15,099
Tax Cut (-) or Increase (+)		-\$7,000		-\$4,261		-\$4,175		-\$4,122		-\$6,116		-\$8,116
% Change		N/A		-59.2%		-37.0%		-23.5%		-25.7%		-27.0%

Of further note is that the tax cuts and jobs act also eliminates the marriage penalty for middle-class taxpayers. For the lowest five marginal tax rates (up to 32%), the tax brackets for married filing jointly taxpayers are precisely double those for single taxpayers. Figure 2 shows the tax savings increases proportionately for both single and married filing jointly taxpayers with no children.

**Figure 2**  
**Tax Savings by AGI and Filing Status**



Tables 5 through 8 examine the differences in tax liabilities from 2017 to 2018 for taxpayers who chose to itemize deductions in 2017. Three levels of itemized deductions are used for the calculations: \$10,000, \$15,000, and \$20,000 for single filers, and \$20,000, \$25,000, and \$30,000 for taxpayers who are married filing jointly.

Since the standard deduction almost doubled for 2018, those taxpayers who had itemized deductions in 2017 just above the new standard deduction may have cause for concern that their taxes will increase in 2018. The concerns are unjustified. Table 5 shows that in all but the most unlikely cases where a single taxpayer has adjusted gross income of \$25,000 but is still able to itemize deductions, the tax liability for 2018 will decline. The breakeven itemized deduction, the point at which the tax liability in 2018 equals the tax liability in 2017, is also calculated. In all but the three scenarios mentioned above, the breakeven itemized deduction in 2018 is lower than the itemized deduction taken in 2017, giving further evidence that the tax cuts and jobs act benefits the middle class.

**Table 5**  
**Differences in Taxes Filing Single with no children using Itemized Deductions**

Adjusted Gross Income/ Itemized Deduction	\$25,000	\$50,000	\$75,000	\$100,000	\$125,000	\$150,000
<b>2017 Taxes by Itemized Deduction</b>						
\$10,000	\$1,180	\$4,930	\$10,983	\$17,233	\$24,048	\$31,048
\$15,000	\$598	\$4,180	\$9,733	\$15,983	\$22,648	\$29,648
\$20,000	\$96	\$3,430	\$8,483	\$14,733	\$21,248	\$28,248
<b>2018 Taxes by Standard or Itemized Deduction</b>						
\$12,000 (Standard)	\$1,370	\$4,370	\$9,800	\$15,410	\$21,410	\$27,410
\$15,000	\$1,010	\$4,010	\$9,140	\$14,690	\$20,690	\$26,690
\$20,000	\$500	\$3,410	\$8,040	\$13,540	\$19,490	\$25,490
<b>Tax Cut (-) or Increase (+)</b>						
\$10,000	\$190	-\$561	-\$1,183	-\$1,823	-\$2,638	-\$3,638
\$15,000	\$412	-\$171	-\$593	-\$1,293	-\$1,958	-\$2,958
\$20,000	\$404	-\$21	-\$443	-\$1,193	-\$1,758	-\$2,758
<b>Breakeven Itemized Deduction</b>						
\$10,000	\$13,579	\$7,329	\$6,620	\$4,402	\$1,007	-\$3,159
\$15,000	\$18,429	\$13,579	\$12,302	\$9,610	\$6,841	\$2,674
\$20,000	\$24,040	\$19,829	\$17,984	\$14,575	\$12,674	\$8,507

Tables 6 through 8 provide similar results for married taxpayers filing jointly with no children, two children, or five children, respectively. Results in Table 6 are similar to those in Table 5; only married couples with no children who have combined income of \$75,000 or less and large amounts of itemized deductions will see a slight increase in taxes for 2018. These scenarios seem unlikely since lower-income taxpayers usually do not have enough deductions to warrant itemizing. In all other situations, the tax liability will decrease, and the breakeven itemized deduction is lower in 2018. Tables 7 and 8 show that the tax liability in 2018 for families with children will decrease in all scenarios, regardless of the income or itemized deduction levels. In some situations, the breakeven itemized deduction is even negative, primarily due to the refundable child tax credit and the significant increase in income at which the child tax credit phases out.

**Table 6**  
**Differences in Taxes Married Filing Jointly with no Children using Itemized Deductions**

Adjusted Gross Income/ Itemized Deduction	\$50,000	\$75,000	\$100,000	\$125,000	\$150,000	\$175,000
<b>2017 Taxes by Itemized Deduction</b>						
\$20,000	\$2,356	\$6,106	\$9,856	\$15,709	\$21,953	\$28,203
\$25,000	\$1,693	\$5,356	\$9,106	\$14,459	\$20,703	\$26,953
\$30,000	\$1,193	\$4,606	\$8,356	\$13,209	\$19,453	\$25,703
<b>2018 Taxes by Standard or Itemized Deduction</b>						
\$24,000 (Standard)	\$2,739	\$5,739	\$8,599	\$14,099	\$19,599	\$25,099
\$25,000	\$2,619	\$5,619	\$8,619	\$13,879	\$19,379	\$24,879
\$30,000	\$2,019	\$5,019	\$8,019	\$12,779	\$18,279	\$23,779
<b>Tax Cut (-) or Increase (+)</b>						
\$20,000	\$383	-\$367	-\$1,257	-\$1,610	-\$2,354	-\$3,104
\$25,000	\$926	\$263	-\$487	-\$580	-\$1,324	-\$2,074
\$30,000	\$826	\$413	-\$337	-\$430	-\$1,174	-\$1,924
<b>Breakeven Itemized Deduction</b>						
\$20,000	\$27,192	\$20,942	\$18,286	\$16,682	\$13,302	\$9,893
\$25,000	\$32,716	\$27,192	\$20,942	\$22,364	\$18,984	\$15,575
\$30,000	\$36,883	\$33,442	\$27,192	\$28,045	\$24,666	\$21,257



Table 7

**Differences in Taxes Married Filing Jointly with 2 Children using Itemized Deductions**

Adjusted Gross Income/ Itemized Deduction	\$50,000	\$75,000	\$100,000	\$125,000	\$150,000	\$175,000
<b>2017 Taxes by Itemized Deduction</b>						
\$20,000	\$0	\$2,891	\$6,641	\$12,434	\$19,928	\$26,178
\$25,000	\$0	\$2,141	\$5,891	\$11,184	\$18,678	\$24,928
\$30,000	\$0	\$1,391	\$5,141	\$9,934	\$17,428	\$23,678
<b>2018 Taxes by Standard or Itemized Deduction</b>						
\$24,000 (Standard)	-\$1,261	\$1,739	\$4,599	\$10,099	\$15,599	\$21,099
\$25,000	-\$1,381	\$1,619	\$4,619	\$9,879	\$15,379	\$20,879
\$30,000	-\$1,981	\$1,019	\$4,019	\$8,779	\$14,279	\$19,779
<b>Tax Cut (-) or Increase (+)</b>						
\$20,000	-\$1,261	-\$1,152	-\$2,042	-\$2,335	-\$4,329	-\$5,079
\$25,000	-\$1,381	-\$522	-\$1,272	-\$1,305	-\$3,299	-\$4,049
\$30,000	-\$1,981	-\$372	-\$1,122	-\$1,155	-\$3,149	-\$3,899
<b>Breakeven Itemized Deduction</b>						
\$20,000	\$13,492	\$14,400	\$14,718	\$13,386	\$4,325	\$916
\$25,000	\$13,492	\$20,650	\$14,400	\$19,068	\$10,007	\$6,598
\$30,000	\$13,492	\$26,900	\$20,650	\$24,750	\$15,689	\$12,280

Table 8

**Differences in Taxes Married Filing Jointly with 5 Children using Itemized Deductions**

Adjusted Gross Income/ Itemized Deduction	\$50,000	\$75,000	\$100,000	\$125,000	\$150,000	\$175,000
<b>2017 Taxes by Itemized Deduction</b>						
\$20,000	\$0	\$0	\$1,819	\$6,396	\$13,890	\$21,390
\$25,000	\$0	\$0	\$1,069	\$5,569	\$12,646	\$20,140
\$30,000	\$0	\$0	\$319	\$4,819	\$11,390	\$18,890
<b>2018 Taxes by Standard or Itemized Deduction</b>						
\$24,000 (Standard)	-\$7,000	-\$4,261	-\$1,401	\$4,099	\$9,599	\$15,099
\$25,000	-\$7,000	-\$4,381	-\$1,381	\$3,879	\$9,379	\$14,879
\$30,000	-\$7,000	-\$4,981	-\$1,981	\$2,779	\$8,279	\$13,779
<b>Tax Cut (-) or Increase (+)</b>						
\$20,000	-\$7,000	-\$4,261	-\$3,220	-\$2,297	-\$4,291	-\$6,291
\$25,000	-\$7,000	-\$4,381	-\$2,450	-\$1,690	-\$3,267	-\$5,261
\$30,000	-\$7,000	-\$4,981	-\$2,300	-\$2,040	-\$3,111	-\$5,111
<b>Breakeven Itemized Deduction</b>						
\$20,000	-\$34,333	-\$11,508	\$9,364	\$13,559	\$4,495	-\$4,595
\$25,000	-\$33,333	-\$11,508	\$4,583	\$17,318	\$10,150	\$1,086
\$30,000	-\$28,333	-\$11,508	\$10,833	\$20,727	\$15,859	\$6,768

**IV. CONCLUSION**

A consensus definition of the middle class is elusive; the middle class should be defined somewhere above the poverty line of \$25,000 but below \$200,000 of adjusted gross income. This research shows the tax cuts and jobs act provides income tax relief in almost all scenarios to both single and married taxpayers whose incomes range from \$25,000 to \$175,000. Tax savings increase from lower marginal tax rates, increased standard deductions, and the vast expansion of the child tax credit, which is arguably the most beneficial of the tax law changes. Families that have children under the age of 17 benefit the most due to the potential refunds from the child tax credit.

Although personal exemptions have been eliminated in 2018, taxpayers who take the standard deduction see decreases in their tax liability due to the doubling of the standard deduction and lower marginal tax rates. Single taxpayers and married couples filing jointly with no children have proportional tax savings based on their adjusted gross incomes. The federal government has eliminated the marriage tax penalty for the middle class.

Even taxpayers who itemized deductions in 2018 will see tax relief in 2018. In almost all scenarios, the tax liability will decrease. However, taxes will increase for low-income single and married filing jointly taxpayers without children if they have potentially large amounts of itemized deductions. The probability of these occurrences is small, but still possible. Overall, the tax cuts and jobs act not only benefits businesses, the wealthy, but also the middle class.

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