

# **Consensus Revenue Agreement Executive Summary January 11, 2019**

## **Economic and Revenue Forecasts Fiscal Years 2019, 2020 and 2021**



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**Table 1**  
**Consensus Economic Forecast**

January 2019

	Calendar 2017 Actual	Percent Change from Prior Year	Calendar 2018 Forecast	Percent Change from Prior Year	Calendar 2019 Forecast	Percent Change from Prior Year	Calendar 2020 Forecast	Percent Change from Prior Year	Calendar 2021 Forecast	Percent Change from Prior Year
<b>United States</b>										
Real Gross Domestic Product (Billions of Chained 2012 Dollars)	\$18,051	2.2%	\$18,574	2.9%	\$19,057	2.6%	\$19,400	1.8%	\$19,691	1.5%
Implicit Price Deflator GDP (2012 = 100)	107.9	1.8%	110.4	2.3%	112.8	2.2%	115.5	2.4%	118.2	2.3%
Consumer Price Index (1982-84 = 100)	245.120	2.1%	250.999	2.4%	256.424	2.2%	262.128	2.2%	268.273	2.3%
Consumer Price Index - Fiscal Year (1982-84 = 100)	243.841	2.1%	249.749	2.4%	254.940	2.1%	260.753	2.3%	266.606	2.2%
Personal Consumption Deflator (2012 = 100)	106.1	1.8%	108.3	2.1%	110.4	1.9%	112.7	2.1%	115.1	2.1%
3-month Treasury Bills Interest Rate (percent)	0.9		1.9		2.7		3.0		3.4	
Unemployment Rate - Civilian (percent)	4.4		3.9		3.6		3.6		3.7	
Wage and Salary Employment (millions)	146.624	1.6%	149.041	1.6%	151.130	1.4%	152.640	1.0%	153.560	0.6%
Housing Starts (millions of starts)	1.203	2.5%	1.258	4.6%	1.275	1.4%	1.300	2.0%	1.320	1.5%
Light Vehicle Sales (millions of units)	17.1	-1.9%	17.1	-0.2%	16.8	-1.8%	16.6	-1.2%	16.5	-0.6%
Passenger Car Sales (millions of units)	6.1	-11.5%	5.2	-14.5%	4.6	-11.5%	4.1	-10.9%	4.0	-2.4%
Light Truck Sales (millions of units)	11.1	4.4%	11.9	7.6%	12.2	2.5%	12.5	2.5%	12.5	0.0%
Big 3 Share of Light Vehicles (percent)	42.0		41.6		41.5		41.3		41.2	
<b>Michigan</b>										
Wage and Salary Employment (thousands)	4,371	1.2%	4,428	1.3%	4,464	0.8%	4,486	0.5%	4,504	0.4%
Unemployment Rate (percent)	4.6		4.4		3.9		3.9		3.9	
Personal Income (millions of dollars)	\$460,270	3.5%	\$477,760	3.8%	\$495,915	3.8%	\$515,256	3.9%	\$535,351	3.9%
Real Personal Income (millions of 1982-84 dollars)	\$202,855	1.4%	\$205,524	1.3%	\$209,066	1.7%	\$212,709	1.7%	\$216,432	1.8%
Wages and Salaries (millions of dollars)	\$231,748	4.2%	\$241,713	4.3%	\$250,657	3.7%	\$260,182	3.8%	\$269,548	3.6%
Detroit Consumer Price Index (1982-84 = 100)	226.896	2.1%	232.460	2.5%	237.205	2.0%	242.235	2.1%	247.353	2.1%
Detroit CPI - Fiscal Year (1982-84 = 100)	225.517	2.0%	231.441	2.6%	235.834	1.9%	241.024	2.2%	246.024	2.1%

Table 2  
**January 2019 Consensus Forecast**  
(millions)

<b>Net Revenue Estimates</b>								
	<u>FY 2018</u>	<u>FY 2019</u>			<u>FY 2020</u>			<u>FY 2021</u>
	<u>Preliminary</u>	<u>May 2018 Consensus</u>	<u>Jan 2019 Consensus</u>	<u>Change From May</u>	<u>May 2018 Consensus</u>	<u>Jan 2019 Consensus</u>	<u>Change From May</u>	<u>Jan 2019 Consensus</u>
<b>Net GF-GP Revenue</b>	\$10,945.4	\$10,411.6	\$10,700.2	\$288.6	\$10,518.7	\$10,717.8	\$199.1	\$10,852.6
Percent Growth	7.4%	-0.5%	-2.2%		1.0%	0.2%		1.3%
Dollar Growth	\$749.9		(\$245.2)			\$17.6		\$134.8
<b>Net SAF Revenue</b>	\$13,339.9	\$13,574.4	\$13,550.5	(\$23.9)	\$13,900.8	\$13,926.7	\$25.9	\$14,264.4
Percent Growth	5.2%	2.5%	1.6%		2.4%	2.8%		2.4%
Dollar Growth	\$654.8		\$210.6			\$376.2		\$337.7
<b>Combined GF-GP/SAF</b>	\$24,285.3	\$23,986.0	\$24,250.7	\$264.7	\$24,419.5	\$24,644.5	\$225.0	\$25,117.0
Percent Growth	6.1%	1.2%	-0.1%		1.8%	1.6%		1.9%
Dollar Growth			(\$34.6)			\$393.8		\$472.5

<b>Revenue Limit Calculation</b>				
	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>
Personal Income	\$439,361	\$460,270	\$477,760	\$495,915
Ratio	9.49%	9.49%	9.49%	9.49%
Revenue Limit	\$41,695.4	\$43,679.6	\$45,339.4	\$47,062.3
Revenue Subject to Limit	\$32,831.6	\$33,274.1	\$34,151.9	\$35,092.2
<b><u>Amount Under (Over) Limit</u></b>	<b>\$8,863.8</b>	<b>\$10,405.5</b>	<b>\$11,187.5</b>	<b>\$11,970.1</b>

Note: CY 2016 Personal Income is used for the FY 2018 revenue limit calculation, CY 2017 for FY 2019, CY 2018 for FY 2020, and CY 2019 for FY 2021.

<b>Long Term Revenue Trend</b>		
	<u>FY 2022</u>	<u>FY 2023</u>
<b>Net GF-GP Revenue</b>	\$11,200.1	\$11,515.7
Growth	3.2%	2.8%
<b>Net SAF Revenue</b>	\$14,653.3	\$15,063.0
Growth	2.7%	2.8%
<b>Combined GF-GP/SAF</b>	\$25,853.4	\$26,578.7
Growth	2.9%	2.8%

<b>Budget Stabilization Fund Calculation</b>	
FY 2019 Calculations	<b>NO PAY-IN OR PAY-OUT</b>
FY 2020 Calculations	<b>NO PAY-IN OR PAY-OUT</b>
FY 2021 Calculations	<b>NO PAY-IN OR PAY-OUT</b>

<b>School Aid Index</b>		
	<u>FY 2020</u>	<u>FY 2021</u>
Revenue Adjustment Factor	<b>1.0220</b>	<b>1.0234</b>
Pupil Membership Factor	<b>1.0070</b>	<b>1.0056</b>
School Aid Index	<b>1.0292</b>	<b>1.0291</b>