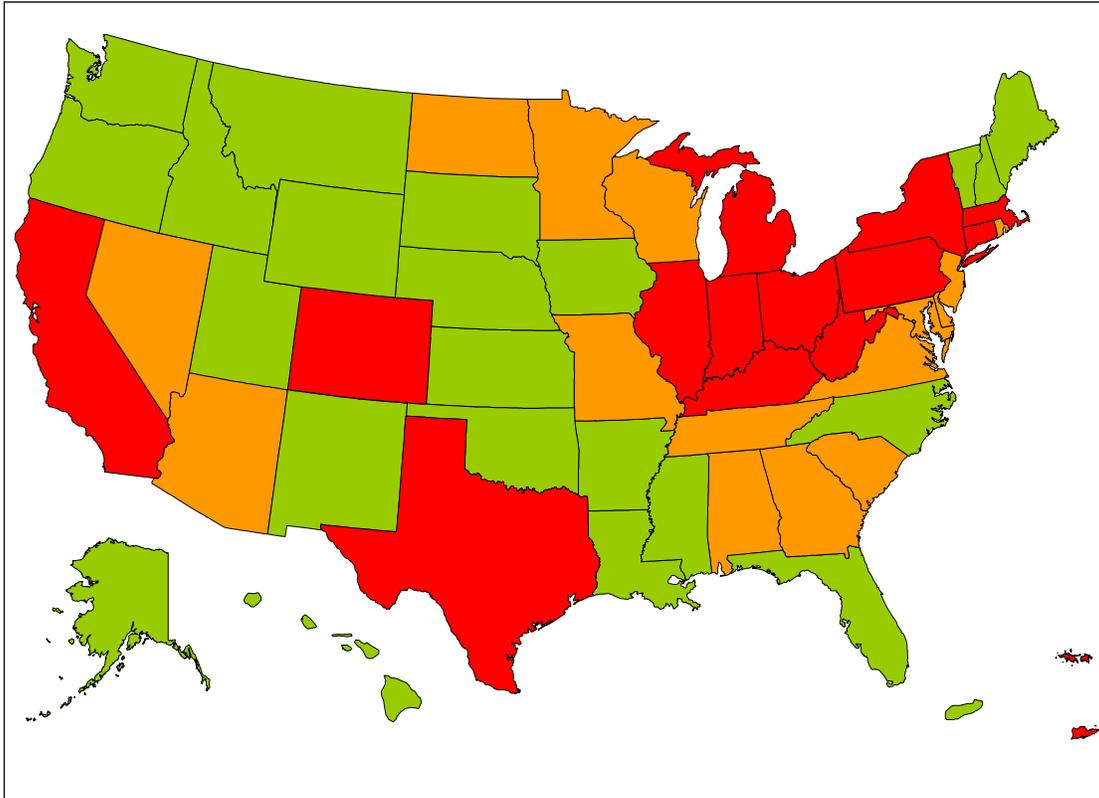


STATE UNEMPLOYMENT INSURANCE TRUST FUND SOLVENCY REPORT 2018



3/14/2018 Revised Eligibility for Interest Free Advances for North Dakota
7/13/2018 Revised Interest Earnings



**U.S. Department of Labor
Office of Unemployment Insurance
Division of Fiscal and Actuarial Services**

March 2018

View this report online at:
<https://oui.doleta.gov/unemploy/solvency.asp>

Unemployment Insurance State Solvency Report

2018 Highlights

The measures in this report describe the solvency of state Unemployment Insurance systems at the beginning of 2018. At this time:

- **The solvency levels of state UI trust funds in twenty-four states is greater than the recommended minimum solvency standard. Twenty-nine states and jurisdictions are below the recommend standard.**
- **One state and one jurisdiction still have outstanding Federal Title XII advances of approximately \$1.2 billion. Both, may be subject to a reduction of their Federal tax credit if they do not repay the advances by November 10, 2018.**
- **Three states have outstanding private borrowing instruments of approximately \$3.9 billion.**
- **For 2018, thirty states meet the eligibility criteria for interest-free borrowing.**

Report User Guide

Evaluating State Trust Fund Solvency Using the Solvency Report

The following description is provided to assist users in effectively evaluating a state's Unemployment Insurance (UI) trust fund solvency level. The individual state metrics in this report are divided into three sections. The first eleven variables provide the status of the State Trust fund, the next two items cover the state's Solvency Measures, followed by the Calculations of Federal Borrowing Statutes and FUTA Credit Reductions. An explanation and derivation of each item can be found in the report glossary.

State Trust Fund Status

UI taxes, paid primarily by employers on the wages paid to employees, flow into state UI trust fund accounts maintained at the U.S. Treasury. These same accounts are the source of benefit payments to eligible claimants in the regular state UI program. There are no federal requirements for the amount of funds that should be kept in a state's trust fund, however each state operates on a forward funding basis by building up reserves in anticipation of paying a higher amount of benefits during recessionary periods.

The dollar amount of the fund at the beginning of this year (item 1) is shown followed by the amount of interest that the fund, which accrues quarterly, has earned in the previous (fiscal) year (item 2).

If a state uses all of its funds it is able to borrow from the Federal government through the Title XII program. The amount of Federal advances is shown since the beginning of the last recession (item 3-9). Interest on these advances is charged on a daily basis, states are also able to repay the outstanding loan on a daily basis as the Treasury department will apply all tax revenue greater than the amount for benefit payments to the outstanding loan. States are also able to use private sector borrowing instruments, such as revenue bonds, to repay the federal government for their outstanding loans (item 10-11), eight states used the private market to finance UI debt following this past recession..

The dollar amount in the state trust fund is not a very useful measure of state solvency since no comparison is made to the fund's benefit liabilities or state size. The simplest solvency measure called the Reserve Ratio is derived by taking the trust fund balance and dividing by the state's total wages paid for the year (item 12). This measure can be compared against the level of benefits paid in the year divided by the same yearly wages- this ratio is referred to as the Benefit Cost Rate. A common comparison is to take the highest Benefit Cost Rate in the state's history and compare it to the Reserve Ratio, or to take the average of the three highest Benefit Cost Rates in the last twenty years and compare that to the Reserve Ratio (this is called the Average High Cost Multiple). In the latter case, values greater than one (Reserve Ratio divided by Average Benefit Cost Rate) are considered the minimum level for adequate state solvency going into a recession (item 13)¹.

¹ Advisory Council on Unemployment Compensation, (1996), recommendation 1995-2.

In 2013 the Federal government put in place a change to CFR 606.32 which allows a state to borrow interest free if a state takes a Federal advance after January 1 and repays it by September 30 in the same year. The new statute added a solvency and tax maintenance requirements to the eligibility for these interest free loans. For 2018 a state must have reached a .9 Average High Cost Multiple in one of the last five years, and since reaching that level they must have maintained an average tax rate that is at least 75% of the average of the previous five years Benefit Cost Rates, also the average tax rate must be at least 80% of the previous year's average tax rate (items 14-16).

If a state fails to repay the outstanding Federal Title XII advance by November 10th of the year in which a second January 1st has passed then all taxable employers in that state will be subject to a reduced credit on their FUTA tax of .3%. The reduced credit will increase by .3% for each January 1 that is passed without full repayment by November 10 of that year. In addition the state may be subject to additional FUTA credit reductions depending on the size of its average tax rate and changes in state laws with respect to reduction of its state trust fund. States subject to a reduced FUTA credit reduction in the previous two years and those potentially subject in the current year are published in item 17.

Individual State Pages: Trust Fund Solvency Report

[CLICK ON DESIRED STATE:](#)

UNITED STATES



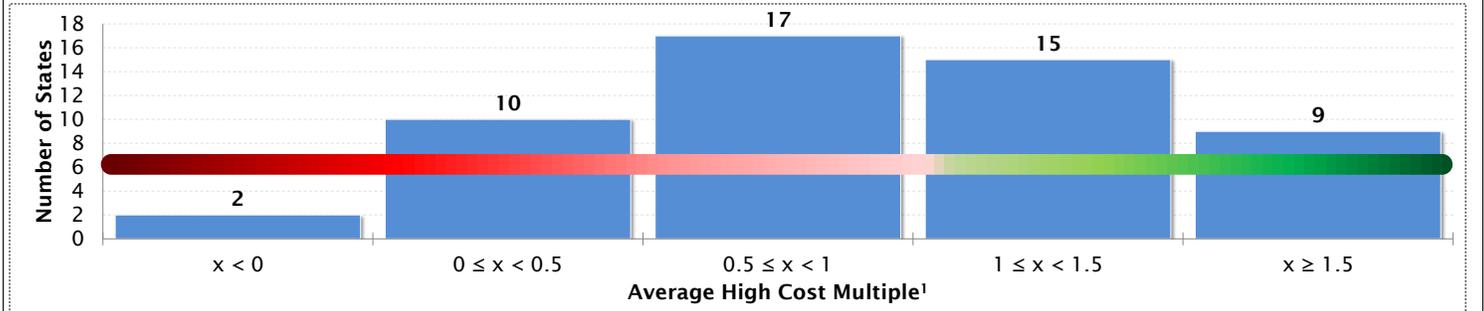
UNITED STATES

Trust Fund Status

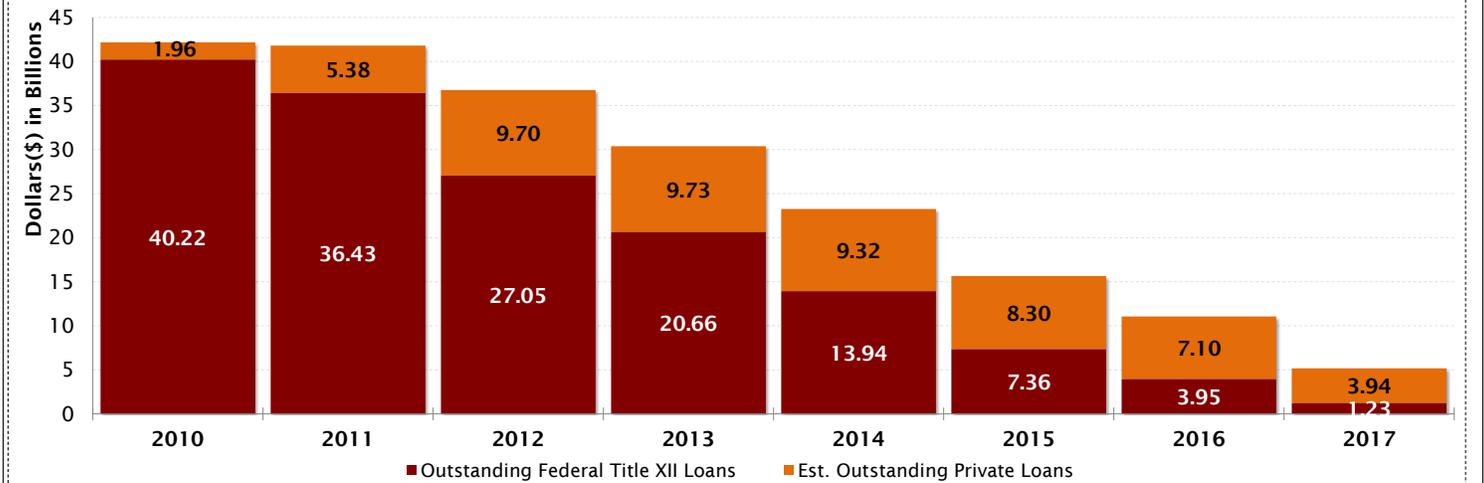
1) 2017 Year End Aggregate State Trust Fund Balances:	\$55,227,038,259	2) Aggregate Interest Earned for 2017:	\$1,164,351,296
3) 2017 Year End Outstanding Title XII Advances:	\$1,232,312,368	4) Title XII Interest Owed for FY2017:	\$51,245,889
5) Total Title XII Advances since 12/31/2007:	\$152,299,322,848	4b) Total Interest Paid since Jan 2008:	\$3,898,263,588
7) Title XII Advances Per Cov. Employee:	\$10.73	6) Total Max. Amt. of Outstanding Advances:	\$47,200,150,556
9) Title XII Advances as % of Cov. Wages:	0.019%	8) Date of Maximum Outstanding Amount:	2/28/2011
		10) Total Non Title XII Debt Issued Since 2010:	\$11,445,420,000
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$3,941,345,000

State Trust Fund Solvency

State Trust Fund Solvency Levels



Total Outstanding UI Debt (Title XII and Estimated Non-Title XII Debt²)



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

12) Number of States Eligible for Interest Free Borrowing in 2018³: 31

FUTA Credit Reductions

	Number of States with Credit Reduction Due to Outstanding Loans	Number of States with 2.7% Add-on	Number of States with BCR Add-on
13) 2016	2	0	0
2017	2	0	0
Potential 2018 ⁴	2	0	1

1. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund level to the average of the three highest years of benefit payments.

2. Non-Title XII Advances includes all private market Revenue Bonds and loans.

3. States that have met the interest free borrowing conditions of an AHCM of 0.9 in last five years and tax maintenance criteria.

4. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and those not repaying their loan as of November 10, 2018.

ALASKA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$454,832,414	2) Interest Earned for 2017:	\$9,983,472
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

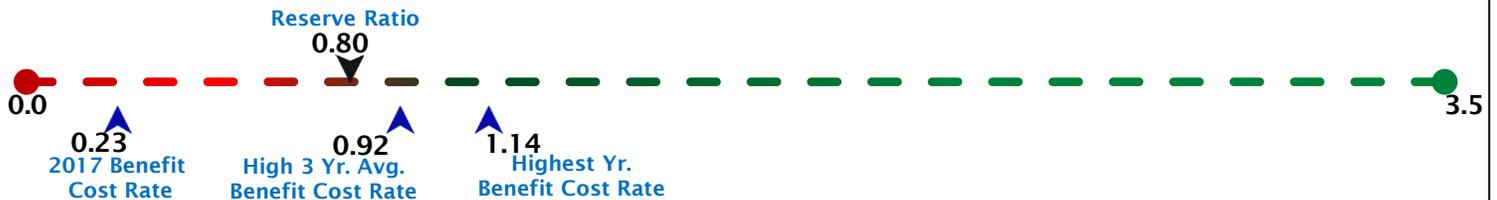
ALABAMA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$560,163,698	2) Interest Earned for 2017:	\$12,325,903
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$574,683,841	6) Max. Amount of Outstanding Advances:	\$283,001,164
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2010
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1996
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	74%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	73%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

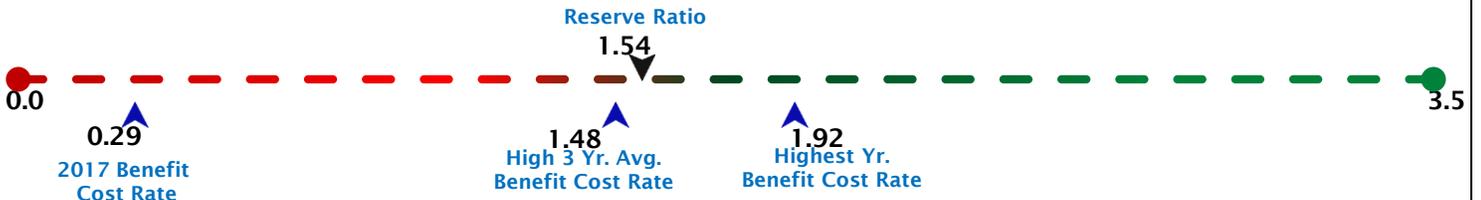
ARKANSAS

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$641,543,173	2) Interest Earned for 2017:	\$13,374,394
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$359,989,602	6) Max. Amount of Outstanding Advances:	\$359,989,602
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

ARIZONA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$574,039,805	2) Interest Earned for 2017:	\$11,134,974	
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0	
5) Total Title XII Advances Since 12/31/2007:	\$2,084,944,822	6) Max. Amount of Outstanding Advances:	\$421,941,190	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	2/29/2012	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$200,000,000	
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2008
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	63%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	95%
Ineligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

CALIFORNIA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$11,714,728	2) Interest Earned for 2017:	\$26,902
3) Outstanding Title XII Advance as of 1/1/2018:	\$1,163,484,771	4) Title XII Interest Owed for FY2017:	\$49,753,231
5) Total Title XII Advances Since 12/31/2007:	\$62,224,550,240	6) Max. Amount of Outstanding Advances:	\$10,957,982,217
7) Title XII Advances Per Cov. Employee:	\$84.41	8) Date of Maximum Outstanding Amount:	4/30/2011
9) Title XII Advances as % of Cov. Wages:	0.13%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1990
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	66%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	90%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	1.8%	0.0%	0.0%	1.80%	2.4%
2017	2.1%	0.0%	0.0%	2.10%	2.7%
Potential 2018 ⁵	2.4%	0.0%	0.0%	2.40%	3.0%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

COLORADO

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$792,102,726	2) Interest Earned for 2017:	\$16,699,395
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$1,147,434,019	6) Max. Amount of Outstanding Advances:	\$608,240,116
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$624,805,000
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2000
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	78%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	82%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable
 ** Calculation using trust fund balance for this state does not include outstanding non Title XII borrowing amount.

CONNECTICUT

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$449,127,325	2) Interest Earned for 2017:	\$9,474,688	
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0	
5) Total Title XII Advances Since 12/31/2007:	\$1,245,860,312	6) Max. Amount of Outstanding Advances:	\$810,380,845	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2012	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0	
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2000
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	78%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	93%
Ineligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

DISTRICT OF COLUMBIA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$434,081,766	2) Interest Earned for 2017:	\$9,659,327
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

DELAWARE

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$129,262,216	2) Interest Earned for 2017:	\$2,652,007	
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0	
5) Total Title XII Advances Since 12/31/2007:	\$78,861,258	6) Max. Amount of Outstanding Advances:	\$78,565,258	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	1/31/2013	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0	
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2007
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	85%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	78%
Ineligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

FLORIDA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$3,626,299,521	2) Interest Earned for 2017:	\$78,677,558
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$3,529,950,000	6) Max. Amount of Outstanding Advances:	\$2,305,300,000
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

GEORGIA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,814,994,210	2) Interest Earned for 2017:	\$36,943,726	
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0	
5) Total Title XII Advances Since 12/31/2007:	\$956,389,307	6) Max. Amount of Outstanding Advances:	\$760,781,100	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2012	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0	
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
Eligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

HAWAII

State Trust Fund Status

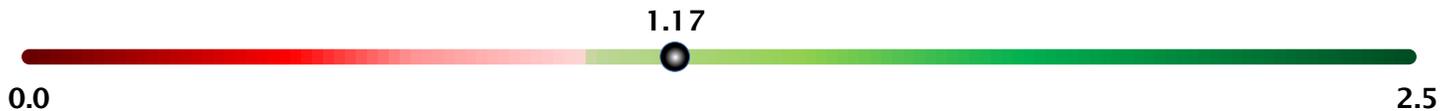
1) UI Trust Fund Balance as of 1/1/2018:	\$520,364,894	2) Interest Earned for 2017:	\$11,606,583
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$182,614,679	6) Max. Amount of Outstanding Advances:	\$50,696,344
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

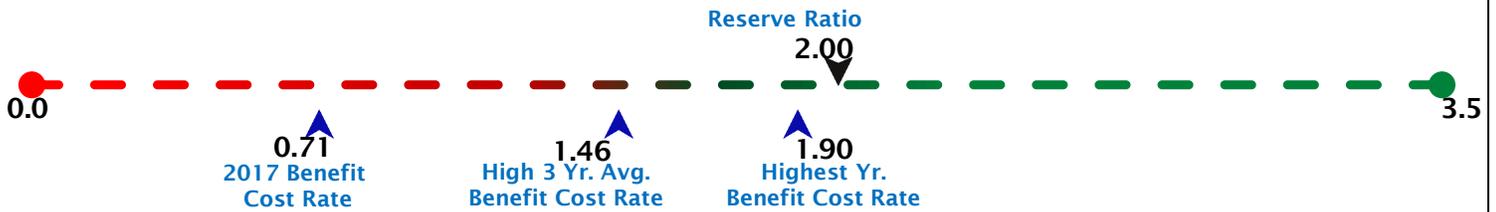
IOWA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,118,225,591	2) Interest Earned for 2017:	\$23,214,535
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

IDAHO

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$584,760,858	2) Interest Earned for 2017:	\$11,957,658
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$202,401,700	6) Max. Amount of Outstanding Advances:	\$202,401,700
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2010
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$187,570,000
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

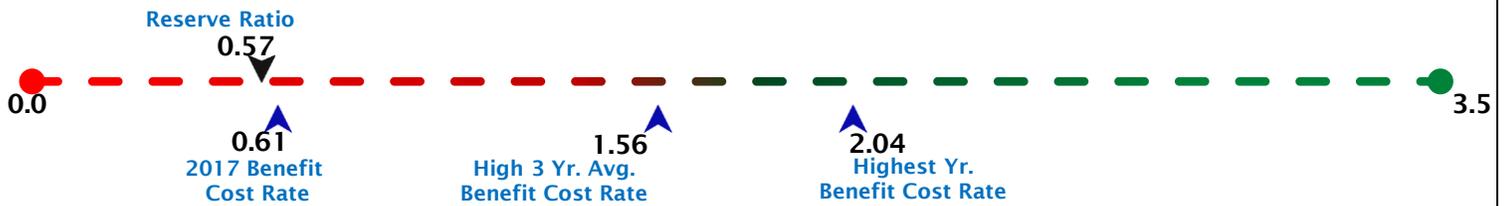
ILLINOIS

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,598,621,738	2) Interest Earned for 2017:	\$33,633,026
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$5,339,182,550	6) Max. Amount of Outstanding Advances:	\$3,057,063,873
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$1,469,940,000
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1974
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	80%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	82%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

** Calculation using trust fund balance for this state does not include outstanding non Title XII borrowing amount.

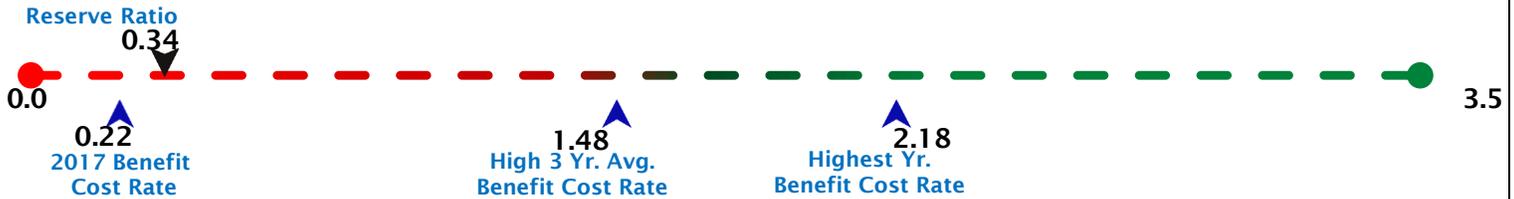
INDIANA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$381,758,863	2) Interest Earned for 2017:	\$5,706,782
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$5,627,626,900	6) Max. Amount of Outstanding Advances:	\$2,169,932,887
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	2/28/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2002
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	64%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	86%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

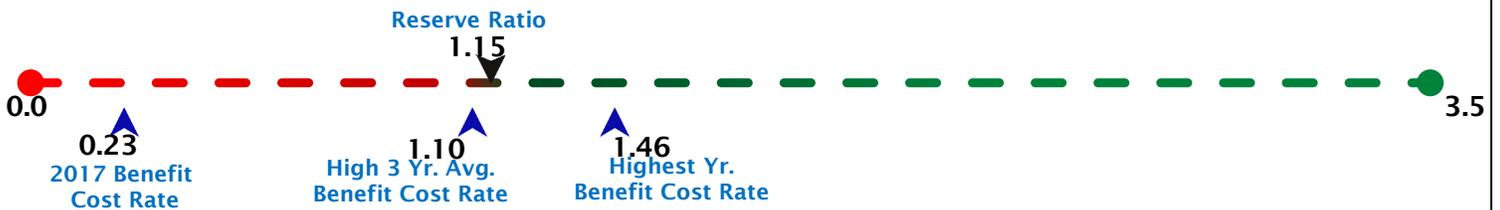
KANSAS

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$642,939,852	2) Interest Earned for 2017:	\$13,513,912
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$351,078,828	6) Max. Amount of Outstanding Advances:	\$170,821,413
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

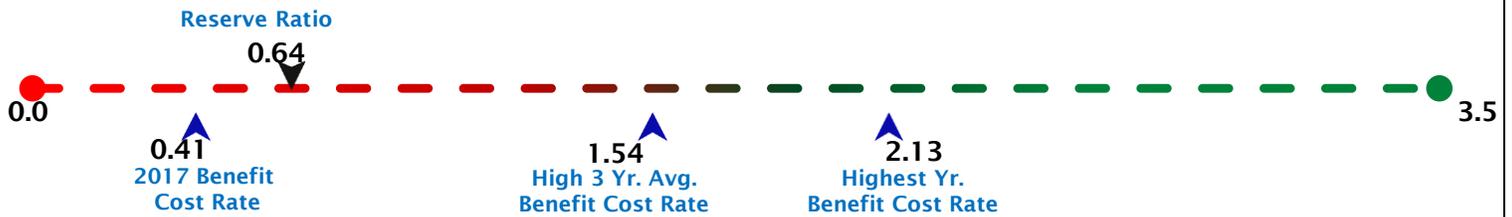
KENTUCKY

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$433,218,118	2) Interest Earned for 2017:	\$7,891,787
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$2,060,398,041	6) Max. Amount of Outstanding Advances:	\$961,179,155
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2012
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1974
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	71%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	85%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

LOUISIANA

State Trust Fund Status

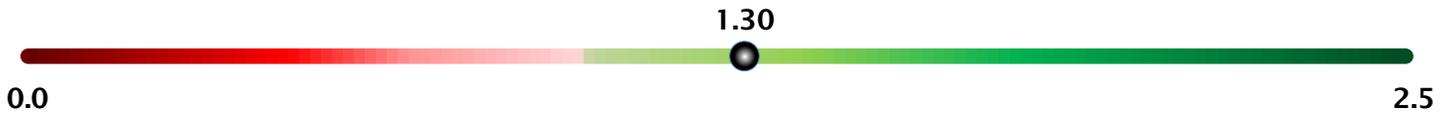
1) UI Trust Fund Balance as of 1/1/2018:	\$909,569,433	2) Interest Earned for 2017:	\$20,323,754
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

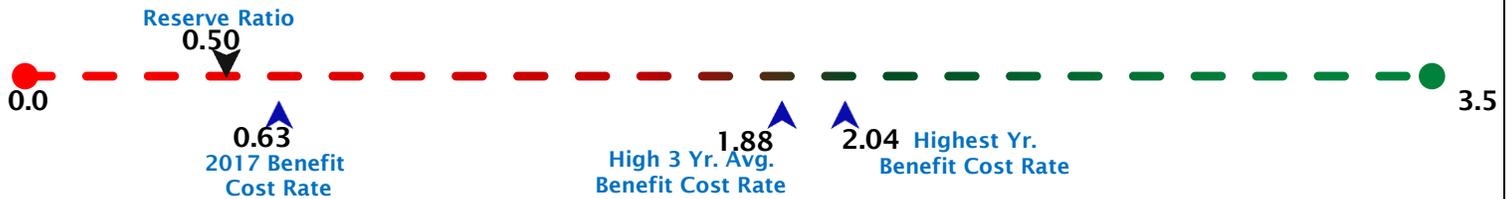
MASSACHUSETTS

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$998,795,673	2) Interest Earned for 2017:	\$22,642,030	
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0	
5) Total Title XII Advances Since 12/31/2007:	\$1,454,827,895	6) Max. Amount of Outstanding Advances:	\$387,313,005	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2010	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0	
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2000
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	71%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	72%
Ineligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

MARYLAND

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,116,818,866	2) Interest Earned for 2017:	\$24,990,283	
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0	
5) Total Title XII Advances Since 12/31/2007:	\$133,840,765	6) Max. Amount of Outstanding Advances:	\$133,840,765	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2010	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0	
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2000
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	66%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	71%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

MAINE

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$426,024,306	2) Interest Earned for 2017:	\$9,082,573
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

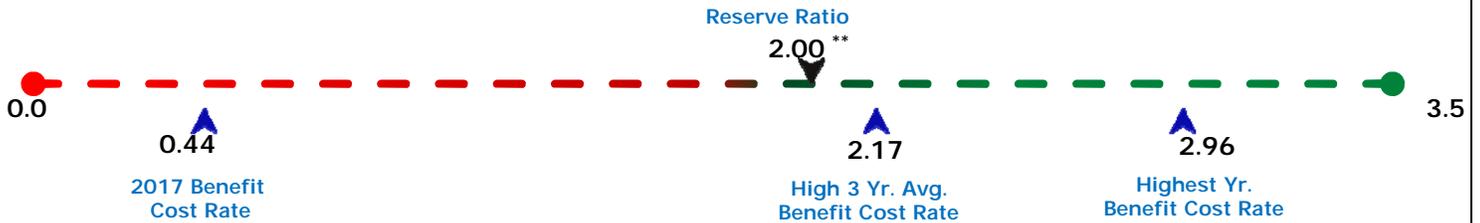
MICHIGAN

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$3,646,237,283	2) Interest Earned for 2017:	\$77,461,297
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$6,305,496,298	6) Max. Amount of Outstanding Advances:	\$3,991,178,658
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	2/28/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$2,917,135,000
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$1,955,600,000

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

** Calculation using trust fund balance for this state does not include outstanding non Title XII borrowing amount.

MINNESOTA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,598,372,750	2) Interest Earned for 2017:	\$34,169,720
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$2,898,447,237	6) Max. Amount of Outstanding Advances:	\$733,181,561
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	2/28/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

MISSOURI

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$826,486,941	2) Interest Earned for 2017:	\$17,143,952
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$1,123,115,129	6) Max. Amount of Outstanding Advances:	\$883,029,105
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1979
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	78%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	74%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

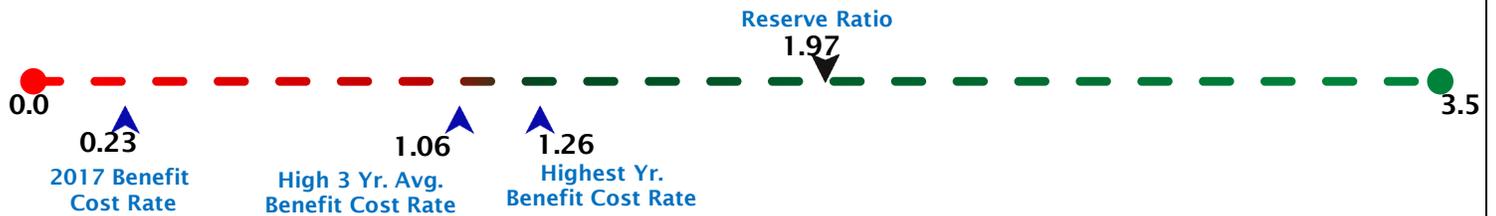
MISSISSIPPI

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$655,645,503	2) Interest Earned for 2017:	\$14,458,946
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

MONTANA

State Trust Fund Status

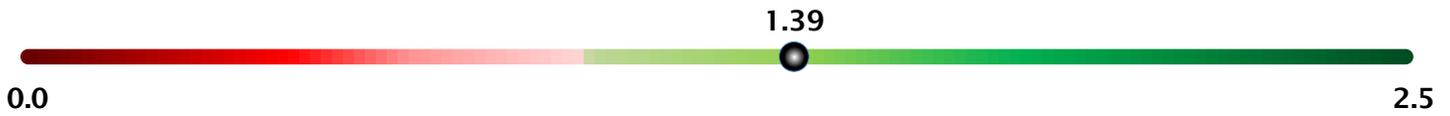
1) UI Trust Fund Balance as of 1/1/2018:	\$314,978,838	2) Interest Earned for 2017:	\$6,830,314
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

NORTH CAROLINA

State Trust Fund Status

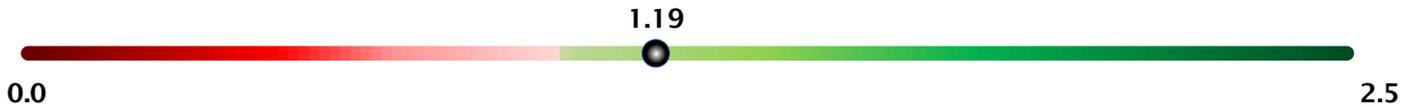
1) UI Trust Fund Balance as of 1/1/2018:	\$3,172,224,039	2) Interest Earned for 2017:	\$63,574,873
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$7,945,266,458	6) Max. Amount of Outstanding Advances:	\$2,833,067,841
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2012
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

NORTH DAKOTA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$145,798,828	2) Interest Earned for 2017:	\$2,181,813
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2014
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	96%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	93%
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

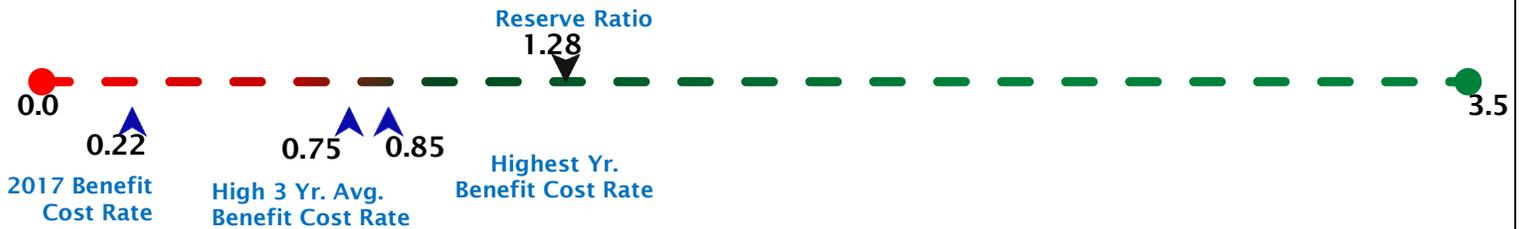
NEBRASKA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$425,098,270	2) Interest Earned for 2017:	\$9,449,081
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

NEW HAMPSHIRE

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$297,804,241	2) Interest Earned for 2017:	\$6,613,620
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$121,680,101	6) Max. Amount of Outstanding Advances:	\$22,938,601
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	2/28/2010
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

NEW JERSEY

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$2,212,907,518	2) Interest Earned for 2017:	\$46,771,318
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$9,835,363,525	6) Max. Amount of Outstanding Advances:	\$2,054,066,515
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :
			\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2001
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	92%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	80%
Ineligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

NEW MEXICO

State Trust Fund Status

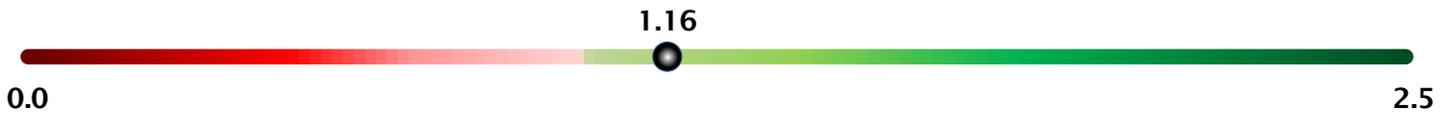
1) UI Trust Fund Balance as of 1/1/2018:	\$431,323,224	2) Interest Earned for 2017:	\$9,518,377
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

NEVADA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,059,507,443	2) Interest Earned for 2017:	\$20,158,052
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$1,601,670,803	6) Max. Amount of Outstanding Advances:	\$837,112,537
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2012
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$548,900,000
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$55,885,000

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
Eligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

** Calculation using trust fund balance for this state does not include outstanding non Title XII borrowing amount.

NEW YORK

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,924,720,579	2) Interest Earned for 2017:	\$39,446,311
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$13,304,931,175	6) Max. Amount of Outstanding Advances:	\$3,955,098,287
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	2/29/2012
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1989
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	79%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	83%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

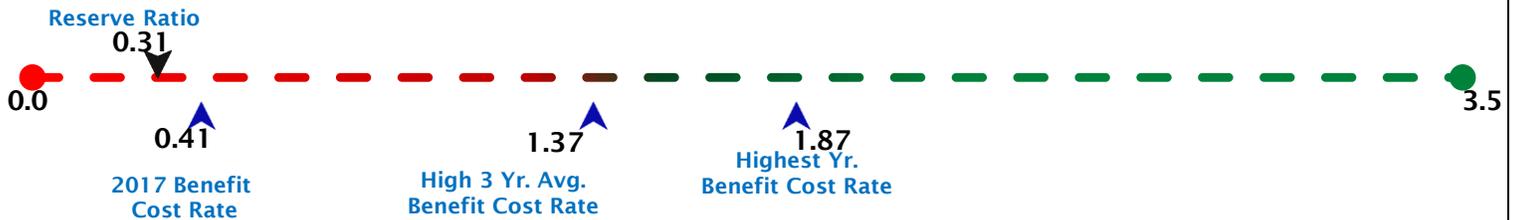
OHIO

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$629,433,068	2) Interest Earned for 2017:	\$13,551,474
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$3,388,010,574	6) Max. Amount of Outstanding Advances:	\$2,611,387,131
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1974
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	61%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	81%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

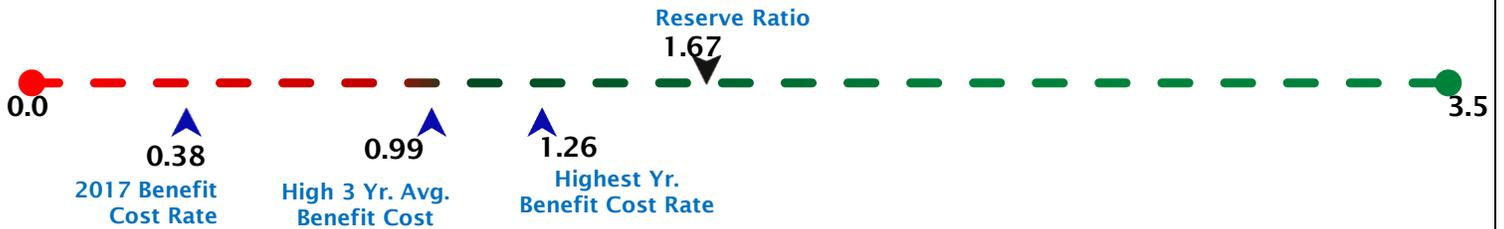
OKLAHOMA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,008,585,207	2) Interest Earned for 2017:	\$22,740,440
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

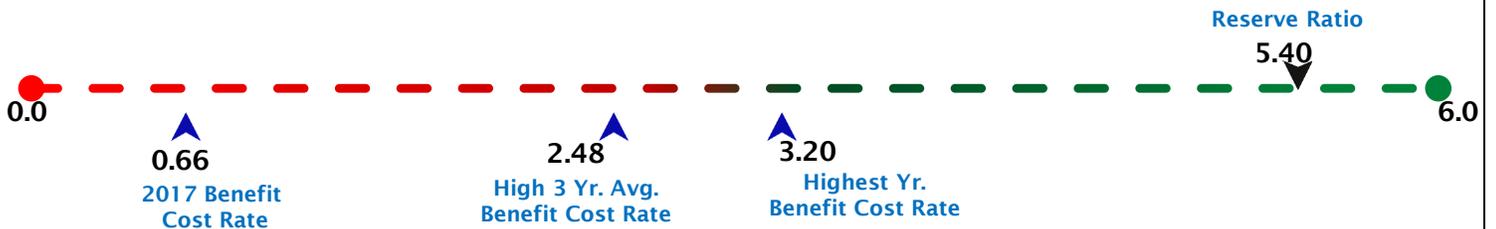
OREGON

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$3,942,775,718	2) Interest Earned for 2017:	\$81,880,283
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

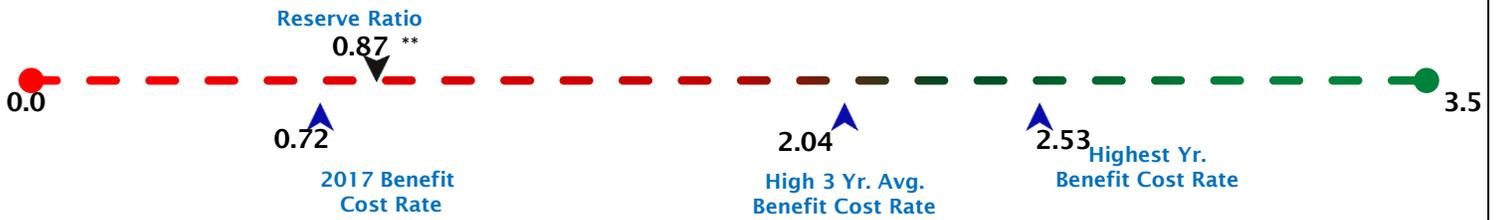
PENNSYLVANIA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$2,083,618,855	2) Interest Earned for 2017:	\$41,451,467
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$6,437,153,834	6) Max. Amount of Outstanding Advances:	\$3,874,720,165
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2012
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$2,827,405,000
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$1,929,860,000

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1971
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	81%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	48%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable
 ** Calculation using trust fund balance for this state does not include outstanding non Title XII borrowing amount.

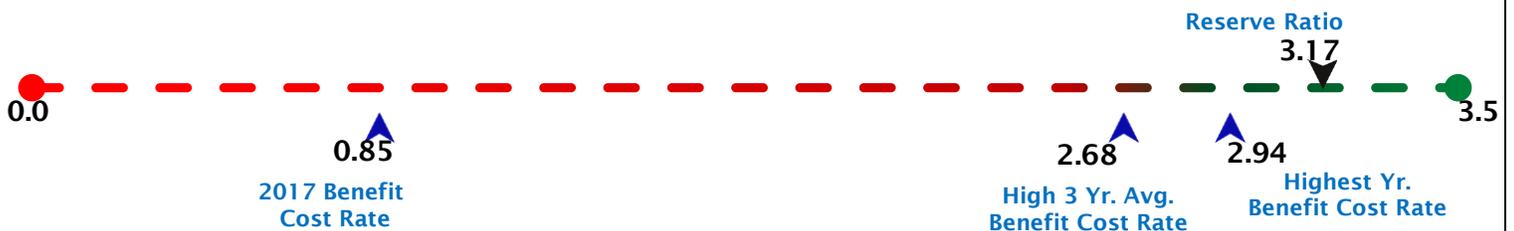
PUERTO RICO

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$537,269,059	2) Interest Earned for 2017:	\$12,050,136
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
Eligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

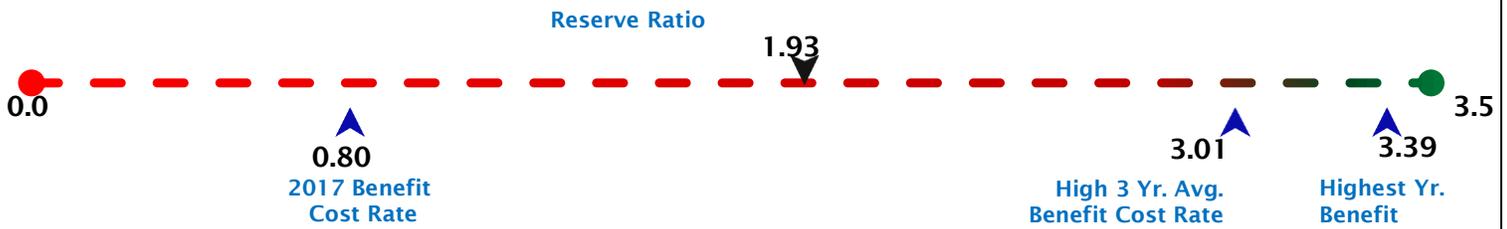
RHODE ISLAND

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$360,916,841	2) Interest Earned for 2017:	\$6,964,663
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$926,149,213	6) Max. Amount of Outstanding Advances:	\$288,545,206
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2012
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1990
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	73%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	80%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

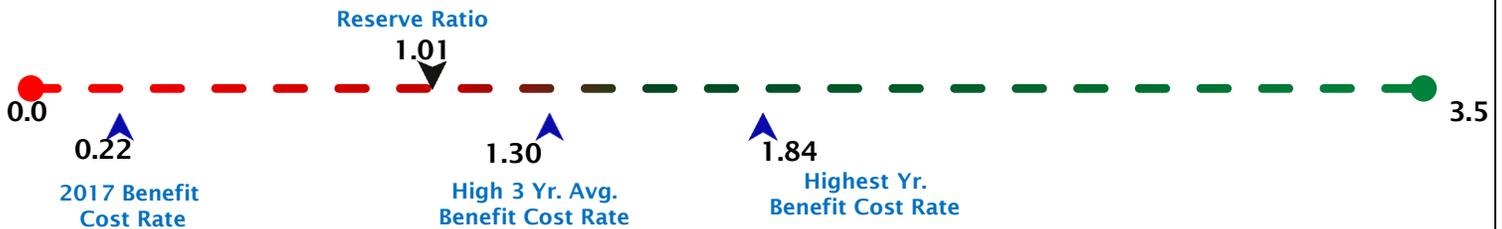
SOUTH CAROLINA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$734,895,259	2) Interest Earned for 2017:	\$14,620,883	
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0	
5) Total Title XII Advances Since 12/31/2007:	\$1,005,399,969	6) Max. Amount of Outstanding Advances:	\$977,720,814	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	2/28/2011	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0	
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2001
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	76%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	53%
Ineligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

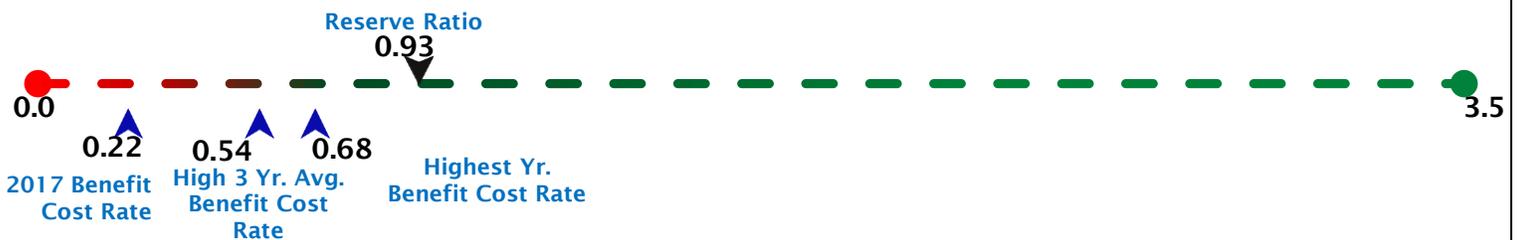
SOUTH DAKOTA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$121,235,469	2) Interest Earned for 2017:	\$2,569,166
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$24,088,989	6) Max. Amount of Outstanding Advances:	\$24,027,178
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2010
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :
			\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
Eligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

TENNESSEE

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,096,250,606	2) Interest Earned for 2017:	\$24,096,771
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$20,736,767	6) Max. Amount of Outstanding Advances:	\$20,736,767
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2010
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

TEXAS

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$924,347,603	2) Interest Earned for 2017:	\$22,135,583
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$3,786,332,405	6) Max. Amount of Outstanding Advances:	\$2,025,964,295
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	2/28/2010
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010*:	\$2,669,665,000
11) Est. Amt. of Non-Title XII Debt Outstanding ¹ *: \$0			

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1990
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	69%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	82%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

** Calculation using trust fund balance for this state does not include outstanding non Title XII borrowing amount.

UTAH

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,077,211,363	2) Interest Earned for 2017:	\$23,341,337
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

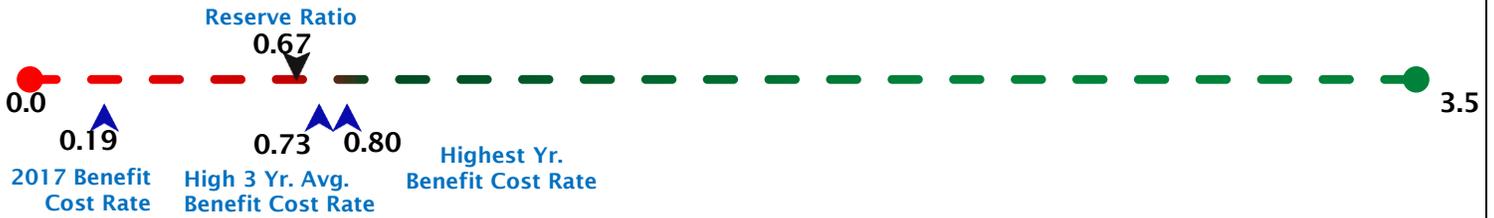
VIRGINIA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,148,066,322	2) Interest Earned for 2017:	\$24,658,987	
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0	
5) Total Title XII Advances Since 12/31/2007:	\$938,332,438	6) Max. Amount of Outstanding Advances:	\$487,555,000	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0	
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
Eligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

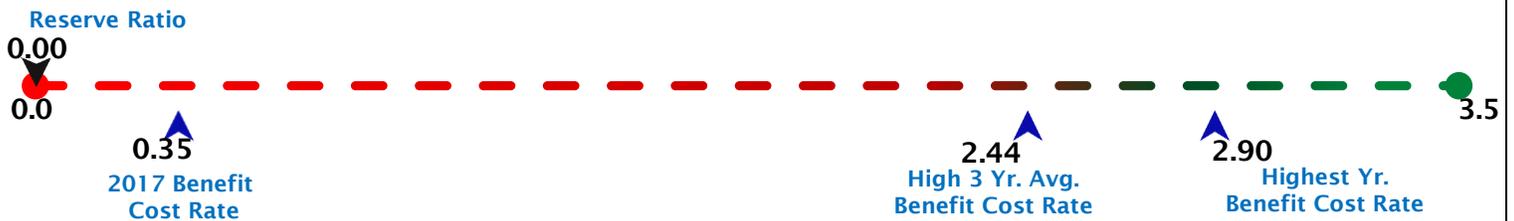
VIRGIN ISLANDS

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$372,688	2) Interest Earned for 2017:	\$0
3) Outstanding Title XII Advance as of 1/1/2018:	\$68,827,597	4) Title XII Interest Owed for FY2017:	\$1,492,658
5) Total Title XII Advances Since 12/31/2007:	\$93,415,666	6) Max. Amount of Outstanding Advances:	\$86,306,176
7) Title XII Advances Per Cov. Employee:	\$2,547.99	8) Date of Maximum Outstanding Amount:	1/31/2014
9) Title XII Advances as % of Cov. Wages:	6.99%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2006
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	39%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	55%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	1.8%	0.0%	0.0%	1.80%	2.4%
2017	2.1%	0.0%	0.0%	2.10%	2.7%
Potential 2018⁵	2.4%	0.0%	1.1%	3.50%	4.1%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

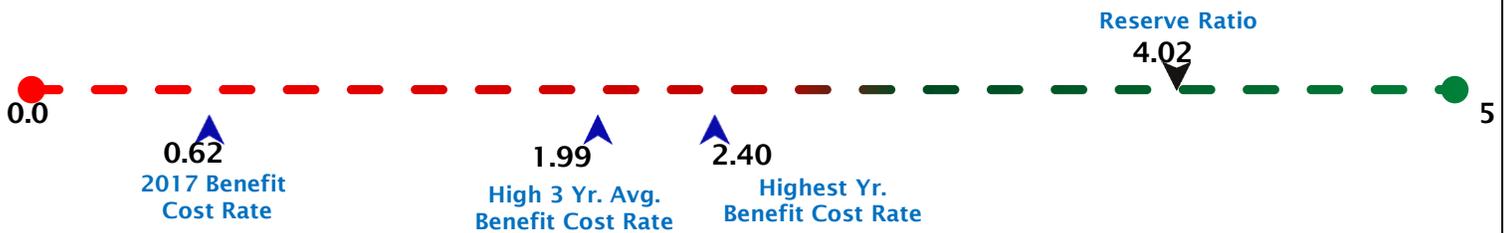
VERMONT

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$389,954,455	2) Interest Earned for 2017:	\$7,843,251
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$77,731,861	6) Max. Amount of Outstanding Advances:	\$77,731,861
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
			11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :
			\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
Eligible	

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

WASHINGTON

State Trust Fund Status

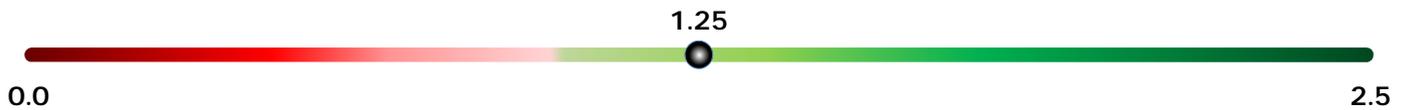
1) UI Trust Fund Balance as of 1/1/2018:	\$4,374,067,086	2) Interest Earned for 2017:	\$95,095,663
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

WISCONSIN

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$1,479,554,224	2) Interest Earned for 2017:	\$29,729,533
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$4,911,365,648	6) Max. Amount of Outstanding Advances:	\$1,682,328,470
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	3/31/2011
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2001
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	83%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	77%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

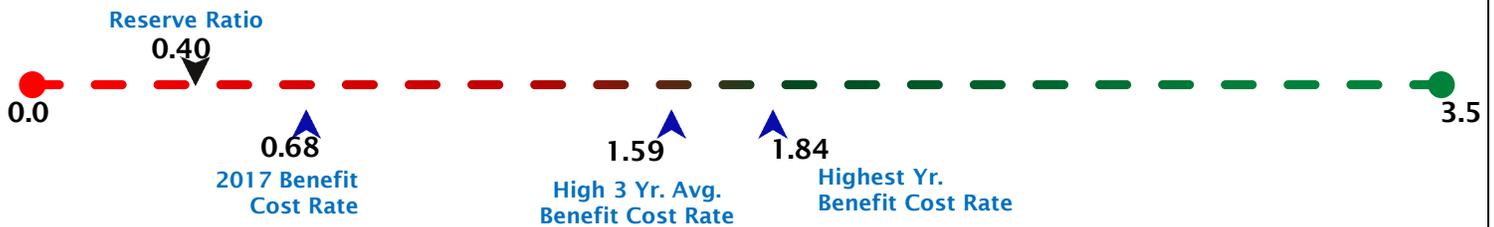
WEST VIRGINIA

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$83,881,611	2) Interest Earned for 2017:	\$1,726,713
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	1974
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	80%
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	94%
	Ineligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>

2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.

3. Must occur in the last 5 years to be eligible for an interest free loan.

4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.

5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

* Not Applicable

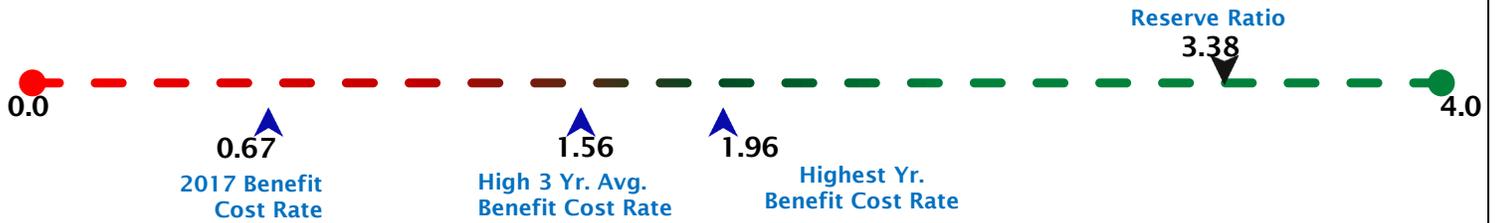
WYOMING

State Trust Fund Status

1) UI Trust Fund Balance as of 1/1/2018:	\$304,237,595	2) Interest Earned for 2017:	\$6,602,001
3) Outstanding Title XII Advance as of 1/1/2018:	\$0	4) Title XII Interest Owed for FY2017:	\$0
5) Total Title XII Advances Since 12/31/2007:	\$0	6) Max. Amount of Outstanding Advances:	
7) Title XII Advances Per Cov. Employee:	\$0.00	8) Date of Maximum Outstanding Amount:	
9) Title XII Advances as % of Cov. Wages:	0.00%	10) Non Title XII Debt Issued Since 2010:	\$0
		11) Est. Amt. of Non-Title XII Debt Outstanding ¹ :	\$0

State Trust Fund Solvency

12) Trust Fund Balance Compared to Yearly Benefit Costs



13) Solvency Level - Using Average High Cost Multiple²



Calculations of Federal Borrowing Statutes and FUTA Credit Reductions

Eligibility for Interest Free Borrowing in 2018

14) Last year in which State achieved a 0.9 Avg. High Cost Multiple ³ :	2017
15) Lowest Percentage Avg. Tax rate is of the Previous 5 yr. Ben Cost Rate (>75% elig. Req.)	N/A*
16) Lowest Percentage Avg. Tax Rate is of the Previous Avg. Year's Tax Rate (>80% elig. Req.)	N/A*
	Eligible

FUTA Tax Rate

17)	Credit Reduction Due to Outstanding Loans	2.7% Add-on	BCR Add-on	Total Credit Reduction	FUTA Tax Rate ⁴
2016	0.0%	0.0%	0.0%	0.00%	0.6%
2017	0.0%	0.0%	0.0%	0.00%	0.6%
Potential 2018 ⁵	0.0%	0.0%	0.0%	0.00%	0.6%

1. Estimated from original Bond issue information from: <http://emma.msrb.org/>
 2. Average High Cost Multiple (AHCM) value- uses actual trust fund balances as of 12/31/2017 and estimated wages for CY2017. This measure compares the state trust fund balance to the average of the three highest years of benefit payments.
 3. Must occur in the last 5 years to be eligible for an interest free loan.
 4. Represents the difference between total FUTA credit (with any reductions) and the FUTA tax rate of 6.0%.
 5. Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.
 * Not Applicable

SUMMARY OF STATE TRUST FUND STATUS

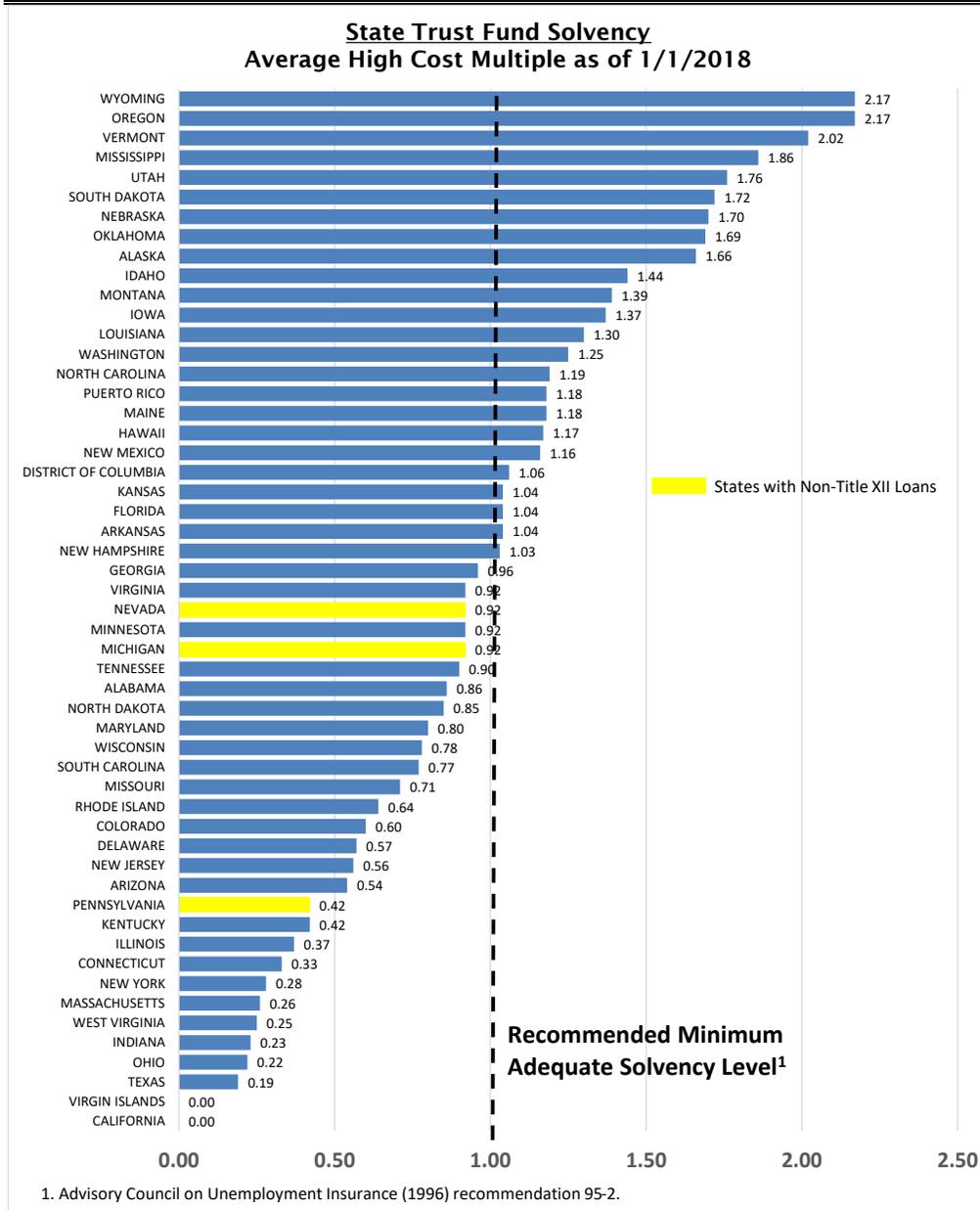


TABLE 1

2018

SUMMARY OF STATE ELIGIBILITY FOR INTEREST FREE ADVANCE

States Meeting Eligibility For Interest Free Advances		States Not Meeting Eligibility For Interest Free Advances	
1	ALASKA	1	ALABAMA
2	ARKANSAS	2	ARIZONA
3	DISTRICT OF COLUMBIA	3	CALIFORNIA
4	FLORIDA	4	COLORADO
5	GEORGIA	5	CONNECTICUT
6	HAWAII	6	DELAWARE
7	IOWA	7	ILLINOIS
8	IDAHO	8	INDIANA
9	KANSAS	9	KENTUCKY
10	LOUISIANA	10	MASSACHUSETTS
11	MAINE	11	MARYLAND
12	MICHIGAN	12	MISSOURI
13	MINNESOTA	13	NEW JERSEY
14	MISSISSIPPI	14	NEW YORK
15	MONTANA	15	OHIO
16	NORTH CAROLINA	16	PENNSYLVANIA
17	NORTH DAKOTA	17	RHODE ISLAND
18	NEBRASKA	18	SOUTH CAROLINA
19	NEW HAMPSHIRE	19	TEXAS
20	NEW MEXICO	20	VIRGIN ISLANDS
21	NEVADA	21	WISCONSIN
22	OKLAHOMA	22	WEST VIRGINIA
23	OREGON		
24	PUERTO RICO		
25	SOUTH DAKOTA		
26	TENNESSEE		
27	UTAH		
28	VIRGINIA		
29	VERMONT		
30	WASHINGTON		
31	WYOMING		

**TABLE 2
POTENTIAL FUTA CREDIT REDUCTIONS**

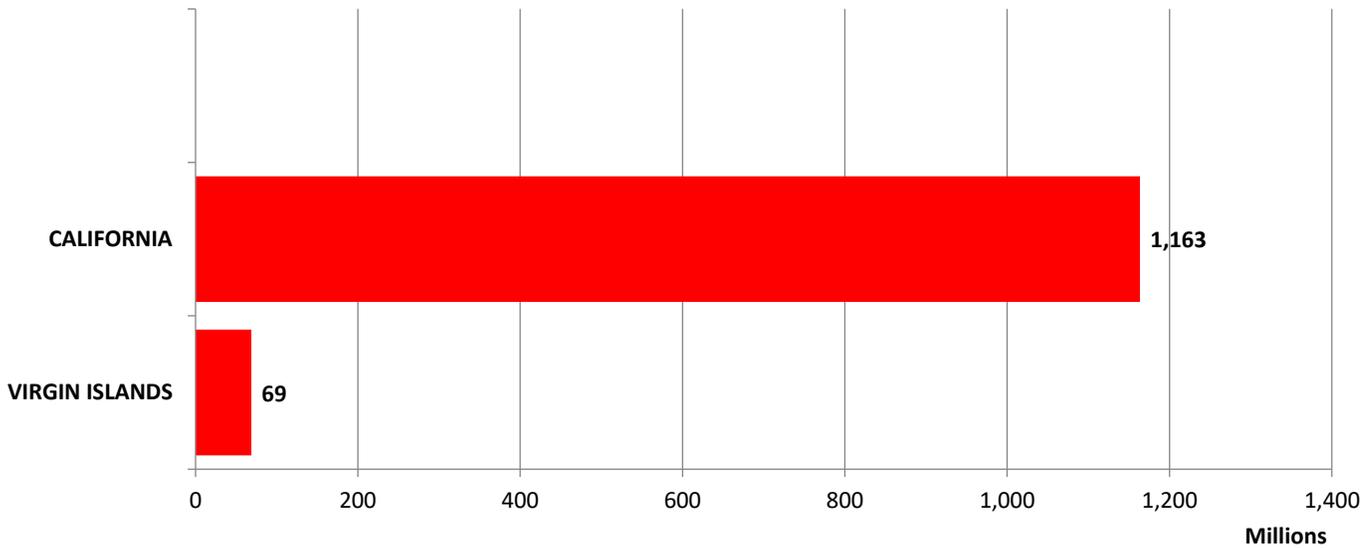
Potential 2018*

STATE	POTENTIAL FUTA CREDIT REDUCTIONS				2018 Potential FUTA Tax Rate
	BASIC REDUCTION	2.7 ADD-ON	BCR ADD-ON	TOTAL CREDIT REDUCTION	
ALASKA	-	-	-	-	0.6%
ALABAMA	-	-	-	-	0.6%
ARKANSAS	-	-	-	-	0.6%
ARIZONA	-	-	-	-	0.6%
CALIFORNIA	2.4%	-	-	2.4%	3.0%
COLORADO	-	-	-	-	0.6%
CONNECTICUT	-	-	-	-	0.6%
DISTRICT OF COLUMBIA	-	-	-	-	0.6%
DELAWARE	-	-	-	-	0.6%
FLORIDA	-	-	-	-	0.6%
GEORGIA	-	-	-	-	0.6%
HAWAII	-	-	-	-	0.6%
IOWA	-	-	-	-	0.6%
IDAHO	-	-	-	-	0.6%
ILLINOIS	-	-	-	-	0.6%
INDIANA	-	-	-	-	0.6%
KANSAS	-	-	-	-	0.6%
KENTUCKY	-	-	-	-	0.6%
LOUISIANA	-	-	-	-	0.6%
MASSACHUSETTS	-	-	-	-	0.6%
MARYLAND	-	-	-	-	0.6%
MAINE	-	-	-	-	0.6%
MICHIGAN	-	-	-	-	0.6%
MINNESOTA	-	-	-	-	0.6%
MISSOURI	-	-	-	-	0.6%
MISSISSIPPI	-	-	-	-	0.6%
MONTANA	-	-	-	-	0.6%
NORTH CAROLINA	-	-	-	-	0.6%
NORTH DAKOTA	-	-	-	-	0.6%
NEBRASKA	-	-	-	-	0.6%
NEW HAMPSHIRE	-	-	-	-	0.6%
NEW JERSEY	-	-	-	-	0.6%
NEW MEXICO	-	-	-	-	0.6%
NEVADA	-	-	-	-	0.6%
NEW YORK	-	-	-	-	0.6%
OHIO	-	-	-	-	0.6%
OKLAHOMA	-	-	-	-	0.6%
OREGON	-	-	-	-	0.6%
PENNSYLVANIA	-	-	-	-	0.6%
PUERTO RICO	-	-	-	-	0.6%
RHODE ISLAND	-	-	-	-	0.6%
SOUTH CAROLINA	-	-	-	-	0.6%
SOUTH DAKOTA	-	-	-	-	0.6%
TENNESSEE	-	-	-	-	0.6%
TEXAS	-	-	-	-	0.6%
UTAH	-	-	-	-	0.6%
VIRGINIA	-	-	-	-	0.6%
VIRGIN ISLANDS	2.4%	-	1.1%	3.5%	4.1%
VERMONT	-	-	-	-	0.6%
WASHINGTON	-	-	-	-	0.6%
WISCONSIN	-	-	-	-	0.6%
WEST VIRGINIA	-	-	-	-	0.6%
WYOMING	-	-	-	-	0.6%

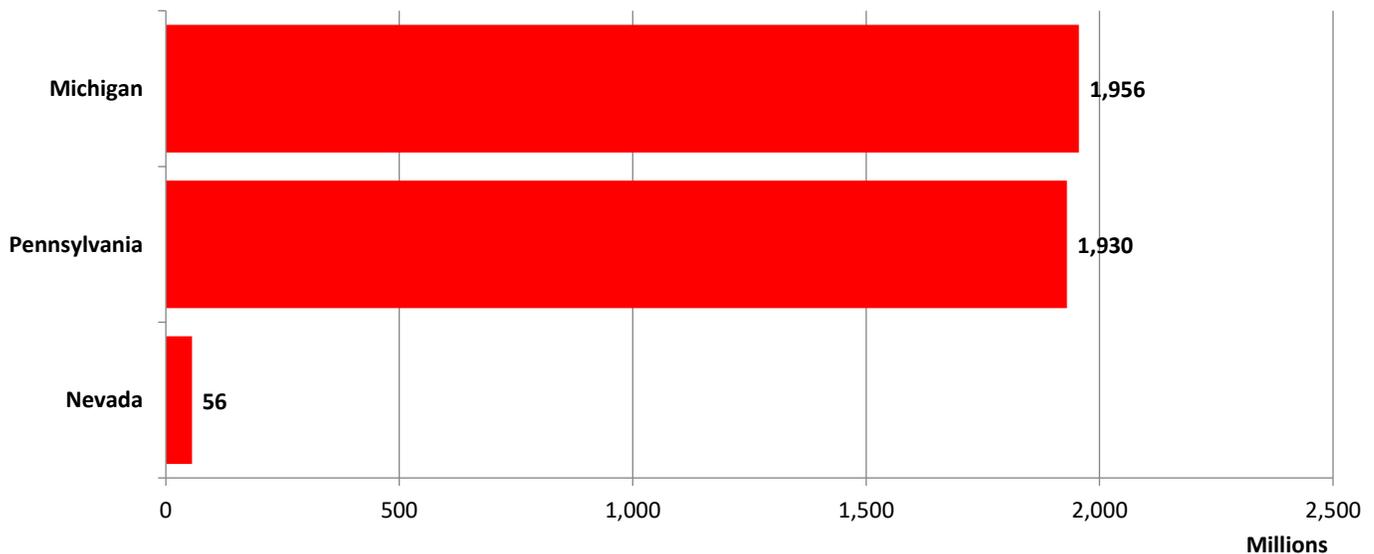
* Credit reductions apply only to states with outstanding loans as of January 1, 2018, and not repaid by November 10, 2018.

Outstanding UI Debt as of 1/1/2018 (\$Millions)

Outstanding Title XII Loans



Estimated Outstanding Non-Title XII Loans



State Unemployment Insurance Solvency Report

Data Definitions

Following are the definitions used for all of the items reported on the State Unemployment Insurance Solvency Report.

- 1) UI Trust Fund Balance:** The balance in the individual state account in the Unemployment Trust Fund as of January 1 of the report year. (Balance may include some Reed Act and other funds that are for administrative purposes). (Source: U.S. Department of Treasury Bureau of Public Debt)
- 2) Interest Earned:** The total amount of interest earned by the Unemployment Trust Fund account in the fiscal year preceding the report year. (Source: U.S. Department of Treasury Bureau of Public Debt)
- 3) Outstanding Title XII Advance:** Balance of outstanding advances, as of January 1 of the report year, acquired by the state under Title XII of the Social Security Act. (Source: U.S. Department of Treasury Bureau of Public Debt)
- 4) Title XII Interest Owed:** The amount of interest incurred on Title XII advances in the fiscal year preceding the report year. (Source: U.S. Department of Treasury Bureau of Public Debt)
- 5) Total Title XII Advances:** Total amount of advances from 12/31/2007 (beginning of the last recession) to January 1 of the report year. (Source: Unpublished U.S. Department of Treasury reports)
- 6) Maximum Amount of Outstanding Advances:** The highest amount of month-ending outstanding Title XII advances reached from 12/31/2007 to the report date. (Source: Unpublished U.S. Department of Treasury reports)
- 7) Title XII Advances Per Covered Employee:** Outstanding Title XII advances as of January 1 of the report year divided by covered employment for the previous calendar year.
- 8) Date of Maximum Outstanding Amount:** The date of the maximum outstanding Title XII advances (Item 6) since the beginning of the last recession.
- 9) Title XII Advances as a Percent of Covered Wages:** Outstanding Title XII advances as of January 1 of the report year, divided by total wages for covered employment in the last calendar year, multiplied by 100.

10) Amount of Private Borrowing Instrument:	The total value of the private borrowing financial instrument at the time of issue.
11) Estimated Amt. of Non-Title XII Debt Outstanding:	The estimated amount of outstanding private debt as of January 1 of the report year.
12) Trust Fund Compared to State Benefit Costs:	<p>Provides a visual comparison between the state's current reserve level, measured by the Reserve Ratio (the state trust fund as of January 1 as a percentage of total wages in the past calendar year), and the state's historic benefit costs (measured by benefit cost rate). Benefit cost rate of any given year is defined as total benefits paid for the year (the sum of regular UI benefits and the state share of the extended benefits, but excluding reimbursable benefits) as a percent of total wages in taxable employment.</p> <p>Benefit Cost Rate (BCR) in the previous calendar year uses total benefits for that period. The high 3 year average Benefit Cost rate uses the benefits in the three highest BCR years in the last twenty years (or a period including three recessions, if longer). The highest year benefit cost rate uses the highest ratio of benefits paid to wages in the last twenty years (or a period including three recessions, if longer).</p>
13) Solvency Level Using Average High Cost Multiple:	Represents the Average High Cost Multiple, which is measured as the Reserve Ratio (Trust Fund as % of Total Wages) at the end of the calendar year immediately preceding the report year, divided by the Average High Cost Rate. Average High Cost Rate is the average of the three highest calendar year benefit cost rates in the last 20 years (or a period including three recessions, if longer).
14) Last Year in which State Achieved a 0.9 Average High Cost Multiple	The interest free loan eligibility criteria requires states achieve a solvency target within the previous 5 years. The solvency target for 2018 is at least a 0.9 Average High Cost Multiple. This entry provides the last year in which the state achieved this solvency target. If the year is dated more than 5 years ago, the state is not eligible for an interest free loan for this year.
15) Lowest Percentage the Average Tax rate is of the Previous 5 year Benefit Cost Rate (in the last 5 years):	In addition to the solvency criterion, the interest free loan eligibility criteria requires that for each year between the year in which the solvency target was last met and the year of loan, the state's average tax rate on total wages as percentage of the state's five year benefit-cost rate must be at least 75%. This entry provides the lowest of such percentage (N/A if

the solvency target was last met more than 5 years ago). If this value is N/A or below 75%, the state is not eligible for an interest free loan.

16) Lowest Percentage the Average Tax Rate is of the Previous Average Year's Tax Rate (in the last 5 years):

The interest free loan eligibility criteria also requires that for each year between the year in which the solvency target was last met and the year of loan, the state's average tax rate on total wages as percentage of the state's previous year's average tax rate must be at least 80%. This entry provides the lowest of such percentage (N/A if the solvency target was last met more than 5 years ago). If this value is N/A or below 80%, the state is not eligible for an interest free loan.

17) FUTA Tax Rate

The Federal Unemployment Tax Act of the Internal Revenue Code stipulates that the full FUTA tax rate is 6.0%, levied on the first \$7000 of an employee's earnings. States in full compliance with federal requirements will receive a credit of 5.4% against the FUTA tax.

17a) FUTA Credit Reduction

When a state has an outstanding loan balance on January 1st for two or more consecutive years, and the full amount of the loan is not repaid by November 10 of the second year, the FUTA credit will be reduced until the loan is repaid. The basic reduction schedule consists of a 0.3% annual increment in credit loss.

17b) 2.7 Add-on Credit Reduction:

If a state has an outstanding loan balance on January 1st for three or more consecutive years, and the full amount of the loan is not repaid by November 10 of the tax year, then from the third year on, an add-on may apply in the amount the state's average tax rate on total wages is below a threshold defined by $2.7\% \times 7,000 / (\text{U.S. Avg. Annual Wage})$.

17c) Benefit Cost Rate Add-on Credit Reduction:

If a state has an outstanding loan balance on January 1st for five or more consecutive years, and the full amount of the loan is not repaid by November 10 of the tax year, then from the fifth year on, a Benefit Cost Rate (BCR) add-on may apply if the state's average tax rate on taxable wages is lower than its 5 year benefit cost rate (or 2.7%, whichever is higher). The amount of the BCR add-on is derived by taking the average of the previous five years of total benefits paid, ending on the second prior year, divided by the total taxable wages in the previous calendar year. From this number, or 2.7% (whichever is higher), is subtracted the average tax rate on taxable wages (total contributions in the past year divided by total taxable wages as defined above). The difference is the BCR add-on amount for the specified year.

17d) Total Credit Reduction

The sum of the basic credit reduction amount and the add-on credit reduction amount.

17e) Final FUTA Tax Rate

The final FUTA credit a state receives is the full credit amount (5.4%) minus the total credit reduction. The difference between the full FUTA tax rate (currently 6.0%) and the final credit is the actual FUTA tax rate for the state.