

**PHEAA Student Loan Trust 2013-1 FRN  
Monthly Servicing Report**

**Distribution Date: 1/27/2020**

**Reporting Period: 12/01/2019 – 12/31/2019**

Pennsylvania Higher Education Assistance Agency – *Sponsor*

PHEAA Student Loan Foundation – *Depositor*

Pennsylvania Higher Education Assistance Agency – *Servicer and Administrator*

Manufacturers and Traders Trust Company – *Indenture Trustee and Eligible Lender Trustee*

PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes

Statement to Noteholders

Report Date: 12/31/19

Report Period: 12/01/19 - 12/31/19

I. Series 2013-1 Floating Rate Notes - Asset & Liability Summary

A. Pool Balance

	11/30/2019	Net Activity	12/31/2019	
1. Student Loan - Principal Balance	\$ 237,411,242.63	\$ (2,602,268.09)	\$ 234,808,974.54	% of Initial Pool Balance 39.86%
2. Interest expected to be Capitalized	\$ 1,070,831.78	\$ (36,123.30)	\$ 1,034,708.48	
<b>3. Total Pool Balance</b>	<b>\$ 238,482,074.41</b>	<b>\$ (2,638,391.39)</b>	<b>\$ 235,843,683.02</b>	
4. Student Loan - Accrued Borrower Interest Balance	\$ 5,481,482.08	\$ 103,534.57	\$ 5,585,016.65	
5. Accrued Interest Subsidy & Special Allowance	\$ (38,669.90)	\$ 11,760.66	\$ (26,909.24)	
6. Weighted Average Coupon Rate	4.625%		4.625%	
7. Weighted Average Remaining to Maturity (in months)	162.44		162.21	
8. Number of Loans	24,469		24,163	
9. Number of Borrowers	14,260		14,066	
10. Weighted Average Age of Borrowers	45.6		45.7	

B. Adjusted Pool Balance

	11/30/2019	Change	12/31/2019
1. Capitalized Interest Fund	\$ -	\$ -	\$ -
2. Specified Reserve Fund Balance (greater of 0.25% of Pool Balance and 0.15% Initial Pool Balance - \$887,495.87)	\$ 887,495.87	\$ -	\$ 887,495.87
<b>3 Adjusted Pool Balance (A3 + B1 + B2)</b>	<b>\$ 239,369,570.28</b>		<b>\$ 236,731,178.89</b>

C. Other Fund Balances

	11/30/2019	Change	12/31/2019
1. Collection Fund	\$ 3,230,882.09	\$ (88,608.16)	\$ 3,142,273.93
2. Reserve Fund	\$ 887,495.87	\$ -	\$ 887,495.87
3. Capitalized Interest Fund	\$ -	\$ -	\$ -
4. Department Rebate Fund	\$ 8,964.34	\$ 29,705.56	\$ 38,669.90
5. Acquisitions Fund	\$ -	\$ -	\$ -
<b>6. Total - Other Account Balances</b>	<b>\$ 4,127,342.30</b>	<b>\$ (58,902.60)</b>	<b>\$ 4,068,439.70</b>

D. Notes Payable

Notes Payable	Final Maturity	CUSIP	Spread	11/30/2019	%	12/31/2019	%
1. 2013-1 LIBOR Notes	11/25/2036	69339BAA0	1mL+0.50%	\$ 214,001,225.98	100.00%	\$ 211,100,710.79	100.00%
<b>2. Total Notes Payable</b>				<b>\$ 214,001,225.98</b>	<b>100.00%</b>	<b>\$ 211,100,710.79</b>	<b>100.00%</b>

E. Parity Ratio Calculation:

	11/30/2019	Change	12/31/2019
1. Student Loan - Principal	\$ 237,411,242.63	\$ (2,602,268.09)	\$ 234,808,974.54
2. Student Loan - Accrued Borrower Interest Expected to be Capitalized	\$ 1,070,831.78	\$ (36,123.30)	\$ 1,034,708.48
<b>3. Pool Balance (E1 + E2)</b>	<b>\$ 238,482,074.41</b>	<b>\$ (2,638,391.39)</b>	<b>\$ 235,843,683.02</b>
4. Capitalized Interest Fund (after giving effect to transfers to be made on Distribution Date)	\$ -	\$ -	\$ -
5. Specified Reserve Fund Balance	\$ 887,495.87	\$ -	\$ 887,495.87
<b>6. Adjusted Pool Balance (E3+E4+E5)</b>	<b>\$ 239,369,570.28</b>	<b>\$ (2,638,391.39)</b>	<b>\$ 236,731,178.89</b>
<b>7. Outstanding Notes (after giving effect to Distributions to be made on Distribution Date)</b>	<b>\$ 211,100,710.79</b>	<b>\$ (2,629,978.19)</b>	<b>\$ 208,470,732.60</b>
<b>8. Net Assets (E6 - E7)</b>	<b>\$ 28,268,859.49</b>	<b>\$ (8,413.20)</b>	<b>\$ 28,260,446.29</b>
<b>9. Parity Ratio (E6/E7)</b>	<b>1.1339</b>		<b>1.1356</b>

PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes

Statement to Noteholders

Report Date: 12/31/19

Report Period: 12/01/19 - 12/31/19

**II. Series 2013-1 FRN Transactions and Accruals**

		Beg/End Mon. Balance:
<b>A.</b>	<b>Student Loan Cash Principal Activity</b>	<b>237,411,242.63</b>
	1 Borrower Payments	\$ (1,960,959.41)
	2 Claim Payments	\$ (352,330.36)
	3 Consolidation Payoffs	\$ (448,296.18)
	4 Other Cash Payments from Servicer	\$ 1,494.64
	5 Acquisitions / Sales	\$ -
	<b>6 Total Principal Cash Activity</b>	<b>\$ (2,760,091.31)</b>
<b>B.</b>	<b>Student Loan Non-Cash Principal Activity</b>	
	1 Capitalized Interest	\$ 157,759.13
	2 Cancellations / Reissues	\$ -
	3 Amounts due to / (from) Servicer for non-cash adjustments	\$ -
	4 Amounts due to / (from) Guarantor - Ins fees	\$ -
	5 Amounts due to / (from) Dept of Ed. - Direct Consolidation payments	\$ -
	6 Amounts due to / (from) Dept. of Ed.	\$ -
	7 Borrower Benefit reductions	\$ -
	8 Other Non-Cash Adjustments	\$ 64.09
	<b>9 Total Non-Cash Principal Activity</b>	<b>\$ 157,823.22</b>
<b>C.</b>	<b>Total Student Loan Principal Activity</b>	<b>\$ (2,602,268.09) \$ 234,808,974.54</b>
<b>D.</b>	<b>Student Loan Cash Interest Activity</b>	<b>5,442,812.18</b>
	1 Borrower Payments (includes Late Fees)	\$ (610,659.40)
	2 Claim Payments	\$ (12,226.02)
	3 Consolidation Payoffs	\$ (3,419.23)
	4 Other Cash Payments from Servicer	\$ -
	5 Acquisitions / Sales	\$ -
	6 Subsidy Payments (ISP)	\$ -
	7 Special Allowance Payments (SAP)	\$ -
	<b>8 Total Interest Collections</b>	<b>\$ (626,304.65)</b>
<b>E.</b>	<b>Student Loan Non-Cash Interest Activity</b>	
	1 Borrower Accruals	\$ 920,146.98
	2 Interest Subsidy Payment Accrual	\$ 42,353.79
	3 Special Allowance Payment Accrual Estimate	\$ (30,593.13)
	4 Prior Quarter Interest Subsidy & Special Allowance Accrual Adjustment	\$ -
	5 Capitalized Interest	\$ (157,759.13)
	6 Amounts due to / (from) Servicer for non-cash adjustments	\$ -
	7 Amounts due to / (from) Dept of Ed. - Direct Consolidation payments	\$ -
	8 Other Adjustments	\$ (32,548.63)
	<b>9 Total Non-Cash Interest Activity</b>	<b>\$ 741,599.88</b>
<b>F.</b>	<b>Total Student Loan Interest Activity</b>	<b>\$ 115,295.23 \$ 5,558,107.41</b>
<b>G.</b>	<b>Non-Reimbursable Losses During Collection Period</b>	<b>\$ (9,062.72)</b>
<b>H.</b>	<b>Cumulative Non-Reimbursable Losses to Date</b>	<b>\$ (1,891,065.07) \$ 240,367,081.95</b>

PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes

Statement to Noteholders

Report Date: 12/31/19

Report Period: 12/01/19 - 12/31/19

III. Series 2013-1 FRN - Collection Account Reconciliation  
Cash Receipts & Disbursements for the period

<b>Beginning Cash Balance</b>		<b>\$ 3,673,619.74</b>
<b>A.</b>	<b>Principal Cash Collections</b>	
	1 Principal Payments Received - Borrower Payments	\$ 1,960,959.41
	2 Principal Payments Received - Claim Payments	\$ 352,330.36
	3 Principal Payments Received - Consolidation Payoffs	\$ 448,296.18
	4 Principal Payments Received - Other Payments from Servicer	\$ (1,494.64)
	5 Principal Payments Received - Sales	\$ -
	<b>6 Total Principal Collections</b>	<b>\$ 2,760,091.31</b>
<b>B.</b>	<b>Interest Cash Collections</b>	
	1 Interest Payments Received - Borrower Payments (includes Late Fees)	\$ 610,659.40
	2 Interest Payments Received - Claim Payments	\$ 12,226.02
	3 Interest Payments Received - Consolidation Payoffs	\$ 3,419.23
	4 Interest Payments Received - Other Payments from Servicer	\$ -
	5 Interest Payments Received - Interest Subsidy & Special Payments	\$ -
	6 Interest Payments Received - Sales	\$ -
	<b>7 Total Interest Collections</b>	<b>\$ 626,304.65</b>
<b>C.</b>	<b>Reimbursements (to)/from Servicer</b>	\$ -
<b>D.</b>	<b>Rehab Loan Adjustments</b>	\$ -
<b>E.</b>	<b>Reimbursements from Servicer for Keystone Rebate Fees</b>	\$ -
<b>F.</b>	<b>Reimbursements from Dept. of Ed. for Interest &amp; Special Allowance</b>	\$ -
<b>G.</b>	<b>Owner Trustee Holdover</b>	\$ -
<b>H.</b>	<b>Transfer from Reserve Fund</b>	\$ -
<b>I.</b>	<b>Transfers to Department Rebate Fund</b>	\$ (29,705.56)
<b>J.</b>	<b>Investment Earnings</b>	
	1 Collection Account Investment Earnings	\$ 5,584.39
	2 Payments Clearing Account Investment Earnings	\$ -
	3 Rebate Fund Investment Earnings	\$ 2.12
	4 Acquisition Fund Investment Earnings	\$ -
	5 Capitalized Bond Interest Fund Investment Earnings	\$ -
	6 Reserve Fund Investment Earnings	\$ 1,048.25
	<b>7 Total Investment Earnings</b>	<b>\$ 6,634.76</b>
<b>K.</b>	<b>Funds Previously Remitted - Cash Disbursements</b>	
	1 Consolidation rebate fees to Dept. of Ed.	\$ (202,512.26)
	2 Servicing Fees	\$ (90,097.97)
	3 Indenture Trustee Fee	\$ (2,669.78)
	4 Eligible Lender Trustee Fee	\$ (1,000.00)
	5 Owner Trustee fee	\$ -
	6 Admin Fees	\$ (40,231.32)
	7 Interest Payments - LIBOR Notes	\$ (406,887.66)
	8 Principal Payments - LIBOR Notes	\$ (2,900,515.19)
	9 Funds transferred to the Issuer	\$ -
	<b>10 Total Previously Remitted Fees</b>	<b>\$ (3,643,914.18)</b>
		<b>\$ 3,393,030.72</b>
<b>L.</b>	<b>Total Cash Available at 12/31/19 (Collection Fund)</b>	<b>\$ 3,393,030.72</b>

**PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes**

**Statement to Noteholders**

**Report Date: 12/31/19**

**Report Period: 12/01/19 - 12/31/19**

**IV. Series 2013-1 FRN - Notes Payable Detail**

	Reset Date	1m LIBOR
<b>A. LIBOR Rate Reset</b>	12/23/19	1.79200%

<b>B. LIBOR Rate Interest Calculation</b>	Spread	Interest Rate	Payment Date	# of Days	Start Date	End Date	Interest Payment
2013-1 FRN LIBOR Notes	0.50%	2.29200%	1/27/2020	32	12/26/2019	1/26/2020	\$ 430,082.51
<b>Total - 2013-1 FRN Interest Payable</b>							<b>\$ 430,082.51</b>

**PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes**

**Statement to Noteholders**

**Report Date: 12/31/19**

**Report Period: 12/01/19 - 12/31/19**

**V. Principal Distributions and Reserve Fund Reconciliation**

<b>A. Distribution Amounts thru January 27, 2020</b>		<b>2013-1 LIBOR Notes</b>	
1	Monthly Interest Due	\$	430,082.51
2	Monthly Interest Paid	\$	430,082.51
3	<b>Interest Shortfall</b>	\$	-
4	Interest Shortfall Due	\$	-
5	Interest Shortfall Paid	\$	-
6	<b>Interest Shortfall</b>	\$	-
7	<b>Monthly Principal Paid</b>	\$	2,629,978.19
8	<b>Total Distribution Amount</b>	\$	3,060,060.70

  

<b>B. Principal Distribution Amount Reconciliation</b>		<b>Actual Distribution</b>	
1	Notes Outstanding as of 12/31/19	\$	211,100,710.79
2	less: Current Adjusted Pool Balance 12/31/19	\$	236,731,178.89
3	<b>Total Principal Distribution Amount</b>	\$	-
		\$	2,629,978.19

  

<b>C. Reserve Fund and Capitalized Interest Fund Reconciliation</b>		<b>Reserve Fund</b>	<b>Cap Int Fund</b>
1	Beginning Period Balance 12/01/19	\$ 887,495.87	\$ -
2	Deposits to Reserve Fund	\$ -	\$ -
3	Interest Earned	\$ 1,048.25	\$ -
4	Transfer of Interest Earned to the Collection Account	\$ (1,048.25)	\$ -
5	Transfer of Excess Reserve/Cap Int to the Collection Account	\$ -	\$ -
6	<b>Total Reserve Fund Balance Available at 12/31/19</b>	\$ 887,495.87	\$ -
7	Less: Reserve Fund Investment Earnings Pending Transfer to Collection Account	\$ -	\$ -
8	<b>Total Adjusted Reserve Fund Balance Available 12/31/19</b>	\$ 887,495.87	\$ -
9	Specified Reserve Fund Balance (greater of .25% of the pool balance or .15% of initial pool balance)	\$ 887,495.87	\$ -
10	<b>Excess Reserve - Transfer to/ (from) Collection Account</b>	\$ -	\$ -

  

<b>D. LIBOR Note Balances</b>		<b>12/26/2019</b>	<b>Paydown Factors</b>	<b>1/27/2020</b>
1	2013-1 FRN LIBOR Notes	\$211,100,710.79	\$ 2,629,978.19	\$ 208,470,732.60
2	2013-1 Pool Factor	0.3615048	0.0045038	0.3570010
<b>Total Notes Outstanding</b>		<b>\$211,100,710.79</b>	<b>\$ 2,629,978.19</b>	<b>\$ 208,470,732.60</b>

## VI. Series 2013-1 FRN - Priority of Distributions

		<b>Per Distribution Date Certificate</b>			<b>Available Funds Balance</b>
		<b>Total Available Funds</b>			\$ 3,393,030.72
Section 5.02		Transfer of remaining funds in Acquisition Fund not used to purchase loans or pay acquisition costs	\$ -		\$ 3,393,030.72
Section 5.03		Transfer from the Capitalized Interest Fund to the Collection Fund	\$ -		\$ 3,393,030.72
Section 5.05(c)		Transfer from the Reserve Fund the amount representing the excess of the Specified Reserve Fund Balance.	\$ -		\$ 3,393,030.72
Section 5.04(c)		<b><u>Distributions:</u></b>			
(i)		Payments to the Dept of Ed for Consolidation Rebate Fees	\$ 200,473.83		\$ 3,192,556.89
(ii)		Deposit to the Department Rebate Account an amount sufficient to make the balance in the Dept Rebate Account, after taking into consideration funds then on deposit therein, equal to the Dept Rebate Interest Amt;	\$ -		\$ 3,192,556.89
(iii)(A)		Payment of the Indenture Trustee fee to the Indenture Trustee	\$ 2,719.16		\$ 3,189,837.73
(iii)(B)		Payment of the Eligible Lender Trustee fee to the Eligible Lender Trustee	\$ 1,000.00		\$ 3,188,837.73
(iii)(C)		Payment of the Owner Trustee Fee to the Owner Trustee (June Distribution Date Only)	\$ -		\$ 3,188,837.73
(iv)		Payment of the Administrator Fee to the Administrator	\$ 39,747.81		\$ 3,149,089.92
(iv)		Payment of Other Administration Expense to the Administrator (June Distribution only)	\$ -		\$ 3,149,089.92
(v)		Payment of the Primary Servicing fee to the Servicer	\$ 89,029.22		\$ 3,060,060.70
(vi)		to the Noteholders, the Noteholders' Interest Distribution Amount, pro rata, based on the related principal amount Outstanding of each such Noteholders, as Noteholders' Interest Distribution Amount;	\$ 430,082.51		\$ 2,629,978.19
(vii)		to the Reserve Account, the amount, if any, necessary to reinstate the balance of the Reserve Fund to the Specified Reserve Fund Balance;	\$ -		\$ 2,629,978.19
(viii)		to the Noteholders, the Principal Distribution Amount (until paid in full)	\$ -		\$ 2,629,978.19
(ix)		Amounts due to the Indenture Trustee as Extraordinary Trustee Fee	\$ -		\$ 2,629,978.19
(x)		Amounts payable to the Noteholders as a supplement payment of the principal on the Notes pursuant to Section 5.04(c)(x) of the Indenture	\$ 2,629,978.19		\$ -
(xi)		Remaining amounts released to the Issuer	\$ -		\$ -

PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes

Statement to Noteholders

Report Date: 12/31/19

Report Period: 12/01/19 - 12/31/19

VII. Series 2013-1 Portfolio Characteristics

		Number of Loans		Ending Principal Balance		% of Balance*		Wgt. Avg. Coupon		Wgt. Avg Repayment	
				\$	\$	%	%	%	%	# months	# months
		11/30/2019	12/31/2019	11/30/2019	12/31/2019	11/30/2019	12/31/2019	11/30/2019	12/31/2019	11/30/2019	12/31/2019
A	<b>Borrower Status Distribution:</b>										
	<b>Interim</b>										
	In-School	6	6	26,887	26,887	0.01%	0.01%	4.773%	4.773%	120	120
	Grace	-	-	-	-	0.00%	0.00%	0.000%	0.000%	-	-
	<b>Repayment</b>										
	Current	21,098	20,807	200,126,824	197,893,707	84.30%	84.28%	4.578%	4.586%	161	161
	31-60 Days Delinquent	450	434	5,596,412	4,605,380	2.36%	1.96%	5.261%	5.048%	174	162
	61-90 Days Delinquent	215	242	2,336,837	3,130,695	0.98%	1.33%	5.329%	4.945%	149	172
	91-120 Days Delinquent	111	143	1,269,901	1,513,425	0.53%	0.64%	5.522%	5.561%	151	143
	121-180 Days Delinquent	204	194	2,249,964	2,234,429	0.95%	0.95%	5.638%	5.758%	146	145
	181-270 Days Delinquent	203	203	2,331,895	2,411,660	0.98%	1.03%	5.023%	5.059%	171	166
	> 271 Days Delinquent	76	104	910,033	1,012,211	0.38%	0.43%	5.883%	5.280%	190	185
<b>Total Repayment</b>	<b>22,357</b>	<b>22,127</b>	<b>214,821,866</b>	<b>212,801,508</b>	<b>90.49%</b>	<b>90.63%</b>	<b>4.631%</b>	<b>4.629%</b>	<b>161</b>	<b>161</b>	
Forbearance	1,009	987	12,454,346	12,475,424	5.25%	5.31%	5.114%	5.136%	177	183	
Deferment	1,097	1,043	10,108,144	9,505,155	4.26%	4.05%	5.178%	5.198%	174	174	
<b>B</b>	<b>Total Portfolio</b>	<b>24,469</b>	<b>24,163</b>	<b>237,411,243</b>	<b>234,808,974</b>	<b>100%</b>	<b>100%</b>	<b>4.626%</b>	<b>4.625%</b>	<b>161</b>	<b>161</b>

**Note:** Delinquent means more than 30 days past due

\*Percentages may not sum to 100% due to rounding

PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes

Statement to Noteholders

Report Date: 12/31/19

Report Period: 12/01/19 - 12/31/19

VIII. Series 2013-1 Portfolio Characteristics and Weighted Average Payments

	Number of Loans		Ending Principal Balance		% of Balance*		Wgt. Avg. Coupon		Wgt. Avg Repayment Months	
	\$	\$	\$	\$	%	%	%	%	\$	\$
	11/30/2019	12/31/2019	11/30/2019	12/31/2019	11/30/2019	12/31/2019	11/30/2019	12/31/2019	11/30/2019	12/31/2019
<b>A Borrower Status Type:</b>										
<b>1 Loan Type</b>										
1. Subsidized Consolidation Loans	10,230	10,111	99,687,644	98,646,605	41.99%	42.01%	4.594%	4.596%	152	152
2. Unsubsidized Consolidation Loans	10,570	10,429	126,999,720	125,595,802	53.49%	53.49%	4.601%	4.600%	171	171
3. Subsidized Stafford Loans	2,103	2,080	4,454,489	4,409,123	1.88%	1.88%	4.959%	4.960%	117	118
4. Unsubsidized Stafford Loans	1,421	1,406	4,994,663	4,943,044	2.10%	2.11%	5.032%	5.031%	133	133
5. Grad PLUS Loans	11	11	257,030	222,352	0.11%	0.09%	7.692%	7.723%	241	247
6. HEAL Loans	10	10	9,228	7,733	0.00%	0.00%	3.750%	3.750%	95	94
7. HEALTH Loans	41	37	263,123	244,237	0.11%	0.10%	3.533%	3.533%	88	87
8. PLUS Loans	82	78	744,335	739,067	0.31%	0.31%	7.681%	7.680%	101	101
9. SLS Loans	1	1	1,010	1,010	0.00%	0.00%	5.230%	5.230%	140	139
<b>Total - Loan Type</b>	<b>24,469</b>	<b>24,163</b>	<b>237,411,243</b>	<b>234,808,975</b>	<b>100%</b>	<b>100%</b>	<b>4.626%</b>	<b>4.625%</b>	<b>161</b>	<b>161</b>
<b>2 Program Type</b>										
1. Graduate	376	374	2,963,090	2,909,182	1.25%	1.24%	5.117%	5.091%	145	144
2. Undergraduate	22,067	21,791	220,832,248	218,378,801	93.02%	93.00%	4.581%	4.581%	162	162
3. Proprietary	2,026	1,998	13,615,905	13,520,991	5.74%	5.76%	5.250%	5.248%	149	150
<b>Total - Program Type</b>	<b>24,469</b>	<b>24,163</b>	<b>237,411,243</b>	<b>234,808,975</b>	<b>100%</b>	<b>100%</b>	<b>4.626%</b>	<b>4.625%</b>	<b>161</b>	<b>161</b>
<b>3 School Type</b>										
1. 4 Year Private	7,731	7,619	84,512,103	83,423,705	35.60%	35.53%	4.702%	4.701%	165	164
2. 4 Year Public	12,137	11,988	115,334,210	114,094,768	48.58%	48.59%	4.420%	4.419%	159	159
3. 2 Year Private	599	593	4,488,904	4,430,345	1.89%	1.89%	5.122%	5.126%	151	151
4. 2 Year Public	1,289	1,279	8,984,975	8,944,755	3.78%	3.81%	5.055%	5.062%	150	150
5. Prop/Voc/Tech	2,018	1,990	13,554,243	13,459,667	5.71%	5.73%	5.249%	5.248%	149	150
6. Unknown	695	694	10,536,807	10,455,734	4.44%	4.45%	4.886%	4.886%	176	175
<b>Total - School Type</b>	<b>24,469</b>	<b>24,163</b>	<b>237,411,243</b>	<b>234,808,975</b>	<b>100%</b>	<b>100%</b>	<b>4.626%</b>	<b>4.625%</b>	<b>161</b>	<b>161</b>
<b>4 Rehab / Non Rehab Loans</b>										
1. Non Rehab Loans	23,781	23,478	228,461,650	225,920,794	96.23%	96.21%	4.610%	4.609%	160	160
2. Rehab Loans	688	685	8,949,593	8,888,181	3.77%	3.79%	5.039%	5.045%	168	168
<b>Total - Rehab / Non Rehab Loans</b>	<b>24,469</b>	<b>24,163</b>	<b>237,411,243</b>	<b>234,808,975</b>	<b>100%</b>	<b>100%</b>	<b>4.626%</b>	<b>4.625%</b>	<b>161</b>	<b>161</b>

\*Percentages may not sum to 100% due to rounding

B. Weighted Average Payments Made		
	W.A. Time until repayment (months)	
	11/30/2019	12/31/2019
1. In school	14	14
2. Grace	0	0
3. Deferment	17	17
4. Forbearance	3	3
<b>W.A. Time in Repayment (months)</b>		
5. Repayment	165	166
<b>6. Total Portfolio Weighted Average</b>	<b>149</b>	<b>150</b>

IX. Series 2013-1 FFELP Portfolio Indices

			Ending Principal					Ending Principal		
			Balance	% of Total				Balance	% of Total	
			12/31/2019	12/31/2019				12/31/2019	12/31/2019	
<b>A</b>	<b>Stafford</b>				<b>B</b>	<b>Unsub Stafford</b>				
	<u>SAP Category</u>	<u>SAP Spread</u>				<u>SAP Category</u>	<u>SAP Spread</u>			
		<u>Int Rate</u>					<u>Int Rate</u>			
	SA	Tbill + 3.50%	Fixed	2,331	0.00%	SE	Tbill + 3.10%	Fixed	-	0.00%
	SB	Tbill + 3.50%	Fixed	-	0.00%	SE	Tbill + 3.10%	Variable	87	0.00%
	SD	Tbill + 3.25%	Fixed	9,000	0.00%	SG	Tbill + 3.10%	Variable	112,761	0.05%
	SD	Tbill + 3.25%	Variable	-	0.00%	SH	Tbill + 2.50%	Variable	15,026	0.01%
	SE	Tbill + 3.10%	Fixed	7,354	0.00%	SJ	Tbill + 2.20%	Variable	15,885	0.01%
	SE	Tbill + 3.10%	Variable	10,996	0.00%	SK	Tbill + 2.80%	Variable	154,213	0.07%
	SG	Tbill + 3.10%	Variable	139,356	0.06%	LA	1mL + 1.74%	Variable	283,035	0.12%
	SH	Tbill + 2.50%	Variable	12,981	0.01%	LB	1mL + 2.34%	Variable	2,541,570	1.08%
	SJ	Tbill + 2.20%	Variable	13,043	0.01%	LE	1mL + 1.74% (Neg SAP)	Fixed	145,524	0.06%
	SK	Tbill + 2.80%	Variable	176,704	0.08%	LE	1mL + 1.74% (Neg SAP)	Variable	6,051	0.00%
	LA	1mL + 1.74%	Variable	197,700	0.08%	LF	1mL + 2.34% (Neg SAP)	Fixed	1,023,402	0.44%
	LB	1mL + 2.34%	Variable	2,433,484	1.04%	LF	1mL + 2.34% (Neg SAP)	Variable	83,589	0.04%
	LE	1mL + 1.74% (Neg SAP)	Fixed	97,246	0.04%	LI	1mL + 1.34% (Neg SAP)	Fixed	43,546	0.02%
	LE	1mL + 1.74% (Neg SAP)	Variable	273	0.00%	LJ	1mL + 1.94% (Neg SAP)	Fixed	514,413	0.22%
	LF	1mL + 2.34% (Neg SAP)	Fixed	764,396	0.33%	None - Not eligible for SAP			3,941	0.00%
	LF	1mL + 2.34% (Neg SAP)	Variable	113,079	0.05%					
	LI	1mL + 1.34% (Neg SAP)	Fixed	66,837	0.03%					
	LJ	1mL + 1.94% (Neg SAP)	Fixed	350,755	0.15%					
	None - Not eligible for SAP			13,728	0.01%					
	<b>Total - Stafford</b>			<b>4,409,263</b>	<b>1.88%</b>				<b>4,943,044</b>	<b>2.11%</b>
<b>C</b>	<b>Consolidation</b>					<b>D</b>	<b>Plus/SLS</b>			
	<u>SAP Category</u>	<u>SAP Spread</u>				<u>SAP Category</u>	<u>SAP Spread</u>			
		<u>Int Rate</u>					<u>Int Rate</u>			
	SD	Tbill + 3.25%	Fixed	123,590	0.05%	SD	Tbill + 3.25%	Variable	1,010	0.00%
	SE	Tbill + 3.10%	Fixed	1,131,777	0.48%	SE	Tbill + 3.10%	Variable	-	0.00%
	SG	Tbill + 3.10%	Variable	596,553	0.25%	SG	Tbill + 3.10%	Variable	-	0.00%
	SL	T-bill + 3.10%	Fixed	2,117,436	0.90%	SH	Tbill + 2.50%	Variable	11,675	0.00%
	LC	1mL + 2.64%	Fixed	102,498,947	43.65%	LD	1mL + 2.64%	Variable	144,359	0.06%
	LG	1mL + 2.64% (Neg SAP)	Fixed	100,045,155	42.61%	LH	1mL + 2.64% (Neg SAP)	Fixed	805,318	0.34%
	LK	1mL + 2.24% (Neg SAP)		17,696,380	7.54%	LH	1mL + 2.64% (Neg SAP)	Variable	-	0.00%
	None - Not eligible for SAP			48,072	0.02%	LM	1mL + 1.94% (Neg SAP)	Fixed	-	0.00%
						None - Not eligible for SAP			74	0.00%
	<b>Total - Consolidation</b>			<b>224,257,910</b>	<b>95.51%</b>				<b>962,437</b>	<b>0.41%</b>
						<b>E</b>	<b>Heal Loans not eligible for SAP</b>		252,069	0.11%
						<b>F</b>	<b>Credit Balances Loans</b>		(15,749)	-0.01%
						<b>Total Ending Balance at 12/31/19</b>			<b>234,808,975</b>	<b>100%</b>

**X. Payment History, CPRs, and Cumulative Default Rate**

**A. Payment History and CPRs**

Month End Date	Actual Ending Pool Balance	Since Issued CPR
12/31/2019	\$ 235,843,683.02	6.487%
11/30/2019	\$ 238,482,074.41	6.491%
10/31/2019	\$ 241,383,096.87	6.539%
9/30/2019	\$ 244,289,295.86	6.588%
8/31/2019	\$ 246,991,333.59	6.592%
7/31/2019	\$ 249,982,993.52	6.643%
6/30/2019	\$ 252,947,849.34	6.696%
5/31/2019	\$ 255,717,707.94	6.701%
4/30/2019	\$ 259,099,220.20	6.733%
3/31/2019	\$ 262,142,665.92	6.788%
2/28/2019	\$ 265,349,056.47	6.769%
1/31/2019	\$ 268,850,182.73	6.800%
12/31/2018	\$ 272,144,542.54	6.846%
11/30/2018	\$ 275,317,329.47	6.832%
10/31/2018	\$ 278,511,316.68	6.888%
9/30/2018	\$ 282,330,183.82	6.907%
8/31/2018	\$ 285,526,546.15	6.896%
7/31/2018	\$ 288,925,082.26	6.945%
6/30/2018	\$ 292,510,439.58	6.986%
5/31/2018	\$ 295,533,029.46	6.989%
4/30/2018	\$ 299,121,581.53	7.034%
3/31/2018	\$ 302,936,373.67	7.067%
2/28/2018	\$ 306,813,366.70	7.020%
1/31/2018	\$ 310,483,976.37	7.067%
12/31/2017	\$ 314,350,291.13	7.105%
11/30/2017	\$ 318,272,083.57	7.059%
10/31/2017	\$ 321,622,228.55	7.141%
9/30/2017	\$ 325,621,645.38	7.184%
8/31/2017	\$ 329,570,873.41	7.145%
7/31/2017	\$ 333,546,355.94	7.197%
6/30/2017	\$ 337,735,018.19	7.238%
6/30/2016	\$ 394,454,819.24	7.117%
6/30/2015	\$ 456,790,238.04	6.996%
6/30/2014	\$ 525,202,388.39	6.545%
9/30/2013	\$ 575,847,183.75	5.197%

**B. Cumulative Default Rate**

1. Current Period Defaults		
a. Claim payments from Guarantor*	\$	364,556.38
b. 1-3% write offs		9,025.83
c. Claims filed pending payment		405,937.27
d. Total Current Period Defaults	\$	779,519.48
2. Cumulative Defaults		
a. Claim payments from Guarantor	\$	87,576,185.90
b. 1-3% write offs		1,741,848.98
c. Claims filed pending payment		405,937.27
d. Total Cumulative Defaults	\$	89,723,972.15
3. Cumulative Default (% of original pool balance)		15.16%
4. Cumulative Default (% of cumulative Entered Repayment Balance)		15.09%
5. Cumulative Recoveries	\$	87,576,185.90
6. Cumulative Recovery Rate (2a/2d)		97.61%
7. Cumulative Net Loss Rate (2b/2d)		1.94%
8. Rejected Claims Repurchased		
a. Current period purchases	\$	-
b. Cumulative repurchases	\$	-

\*Claim payments include principal & interest payments

**PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes**  
**Statement to Noteholders**  
**Report Date: 12/31/19**                      **Report Period: 12/01/19 - 12/31/19**

**XI. Balance Sheet**

<b><u>ASSETS</u></b>	<b><u>12/31/2019</u></b>
Cash	\$ 250,757
Assets Held by Trustee	
Investments	4,068,440
Accrued Interest Receivable	5,564,338
Student Loans Receivable, Net	234,628,057
Prepaid and Deferred Expenses	<u>-</u>
Total Assets	<u><u>244,511,592</u></u>
 <b><u>LIABILITIES AND NET ASSETS</u></b>	
Bonds Payable	211,100,712
Discount on Bonds Payable	(113,566)
Accrued Interest Payable	80,640
Other Accounts Payable & Accrued Expenses	332,970
Deferred Revenue	2,024,876
Total Liabilities	<u>213,425,632</u>
Net Assets	<u>31,085,960</u>
Total Liabilities and Net Assets	<u><u>244,511,592</u></u>
Parity Ratio	1.1356

**PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes**

**Supplemental Report**

Report Date: 12/31/19

Report Period: 12/01/19 - 12/31/19

**XII. Historical Note Payable Characteristics**

<u>Distribution</u>			<u>% of Orig Debt</u>
<u>Date</u>	<u>Total Debt</u>	<u>% of Orig Debt</u>	<u>at 4% CPR*</u>
6/12/2013	\$ 583,950,000	100.0%	
10/25/2013	\$ 562,717,728	96.4%	
1/27/2014	\$ 546,275,782	93.5%	
4/25/2014	\$ 527,854,742	90.4%	
6/25/2014	\$ 516,951,291	88.5%	91%
7/25/2014	\$ 510,543,165	87.4%	
10/27/2014	\$ 492,363,445	84.3%	
1/26/2015	\$ 472,025,077	80.8%	
4/27/2015	\$ 454,370,441	77.8%	
6/25/2015	\$ 442,769,733	75.8%	81%
7/27/2015	\$ 436,468,160	74.7%	
10/26/2015	\$ 418,288,570	71.6%	
1/25/2016	\$ 402,634,383	69.0%	
4/25/2016	\$ 386,193,587	66.1%	
6/27/2016	\$ 376,402,185	64.5%	71%
7/25/2016	\$ 371,172,802	63.6%	
10/25/2016	\$ 356,841,473	61.1%	
1/25/2017	\$ 343,335,442	58.8%	
4/25/2017	\$ 326,683,748	55.9%	
6/26/2017	\$ 318,052,910	54.5%	62%
7/25/2017	\$ 312,652,216	53.5%	
10/25/2017	\$ 300,212,116	51.4%	
1/25/2018	\$ 288,633,790	49.4%	
4/25/2018	\$ 276,958,616	47.4%	
6/25/2018	\$ 269,472,193	46.1%	54%
7/25/2018	\$ 266,429,975	45.6%	
10/25/2018	\$ 256,010,709	43.8%	
11/26/2018	\$ 252,093,092	43.2%	
12/26/2018	\$ 248,906,119	42.6%	
1/25/2019	\$ 245,870,479	42.1%	
2/25/2019	\$ 242,235,226	41.5%	
3/25/2019	\$ 238,760,317	40.9%	
4/25/2019	\$ 235,641,250	40.4%	
5/28/2019	\$ 232,255,714	39.8%	
6/25/2019	\$ 228,933,638	39.2%	46%
7/25/2019	\$ 226,246,435	38.7%	
8/26/2019	\$ 222,928,198	38.2%	
9/25/2019	\$ 219,968,247	37.7%	
10/25/2019	\$ 217,186,448	37.2%	
11/25/2019	\$ 214,001,226	36.6%	
12/26/2019	\$ 211,100,711	36.2%	
1/27/2020	\$ 208,470,733	35.7%	

\* Appendix F of 2013-1 PPM

PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes

Supplemental Report

Report Date: 12/31/19

Report Period: 12/01/19 - 12/31/19

XIII. Historical Loan Portfolio Characteristics

EOM	O/S Pool Balance	% of Orig Pool Bal	% of Pool on Deferment	% of Pool on Forbearance	Total Wgt		Wgt Avg Mths			PFH Prin Bal	% of Pool		% of PFH	
					Avg Mths on Frb	Wgt Avg Mths on Discretionary Frb	Wgt Avg Mths on Mandatory Frb	# of Bwrs on PFH	on PFH		PFH Pmt %*	Pmt	Wtg Avg Mths on PFH	
6/30/2013	\$ 591,663,916	100.0%	11.5%	11.3%	32.6	21.5	11.1	660	20,565,522	3.5%	21.1%	42.0%	16.7	
9/30/2013	\$ 575,847,184	97.3%	10.9%	10.9%										
12/31/2013	\$ 560,220,676	94.7%	9.9%	11.0%										
3/31/2014	\$ 542,905,899	91.8%	10.0%	10.7%										
6/30/2014	\$ 525,202,388	88.8%	9.3%	10.4%	37.1	26.1	11.0	941	25,818,251	4.9%	22.2%	42.6%	19.2	
9/30/2014	\$ 508,003,656	85.9%	9.2%	11.1%										
12/31/2014	\$ 490,766,124	82.9%	8.6%	10.0%										
3/31/2015	\$ 474,020,098	80.1%	8.6%	9.4%										
6/30/2015	\$ 456,790,238	77.2%	8.0%	9.4%	39.3	26.7	12.7	1,329	33,016,018	7.2%	18.7%	48.3%	20.2	
9/30/2015	\$ 439,574,308	74.3%	7.8%	9.1%	39.7	24.6	15.0			8.1%	18.4%	57.3%	23.0	
12/31/2015	\$ 424,686,979	71.8%	7.1%	9.0%	40.0	25.0	15.0			8.7%	18.1%	59.5%	23.8	
3/31/2016	\$ 409,020,002	69.1%	7.1%	8.8%	41.5	25.3	16.2			8.9%	17.9%	60.5%	25.6	
6/30/2016	\$ 394,454,819	66.7%	6.6%	8.5%	42.0	25.7	16.3	1,562	38,377,894	9.7%	17.7%	61.1%	26.2	
9/30/2016	\$ 380,624,926	64.3%	6.1%	7.8%	42.1	26.3	15.8	1,574	38,702,748	10.2%	16.7%	62.7%	27.1	
12/31/2016	\$ 367,547,146	62.1%	5.7%	7.5%	42.8	26.6	16.3	1,642	39,786,477	10.8%	17.3%	63.8%	27.4	
3/31/2017	\$ 351,480,652	59.4%	6.2%	6.7%	43.3	26.4	16.9	1,707	40,979,759	11.7%	16.0%	66.5%	28.0	
6/30/2017	\$ 337,735,018	57.1%	5.9%	6.6%	44.0	27.1	16.9	1,649	41,140,058	12.2%	15.5%	67.9%	28.9	
9/30/2017	\$ 325,621,645	55.0%	5.5%	6.9%	45.6	27.1	18.5	1,687	42,138,440	12.9%	15.4%	69.3%	30.6	
12/31/2017	\$ 314,350,291	53.1%	5.1%	6.3%	44.9	27.1	17.9	1,702	42,408,274	13.5%	16.4%	70.0%	31.9	
3/31/2018	\$ 302,936,374	51.2%	5.1%	5.7%	46.8	27.9	18.9	1,728	43,974,424	14.5%	15.7%	70.7%	33.7	
6/30/2018	\$ 292,510,440	49.4%	4.8%	6.5%	48.3	28.6	19.7	1,742	43,778,877	15.0%	15.0%	72.5%	34.6	
9/30/2018	\$ 282,330,184	47.7%	4.9%	6.4%	49.6	28.3	21.3	1,759	44,158,346	15.6%	16.0%	71.7%	37.0	
10/31/2018	\$ 278,511,317	47.1%	4.8%	5.8%	46.7	27.7	19.0	1,767	44,134,749	15.8%	15.1%	72.4%	37.2	
11/30/2018	\$ 275,317,329	46.5%	4.7%	6.3%	47.6	27.8	19.8	1,759	43,697,688	15.9%	15.6%	72.4%	37.9	
12/31/2018	\$ 272,144,543	46.0%	4.4%	5.9%	48.1	28.3	19.8	1,796	44,761,431	16.4%	15.7%	72.6%	38.4	
1/31/2019	\$ 268,850,183	45.4%	4.5%	5.6%	48.1	28.0	20.1	1,800	44,323,961	16.5%	15.8%	72.2%	39.2	
2/28/2019	\$ 265,349,056	44.8%	4.6%	6.4%	50.3	28.7	21.6	1,794	43,860,923	16.5%	15.6%	72.5%	40.0	
3/31/2019	\$ 262,142,666	44.3%	4.6%	6.6%	50.6	29.0	21.6	1,777	43,701,947	16.7%	15.7%	72.5%	40.6	
4/30/2019	\$ 259,099,220	43.8%	4.6%	6.5%	50.9	28.8	22.1	1,795	43,745,998	16.9%	15.7%	74.1%	41.2	
5/31/2019	\$ 255,717,708	43.2%	4.4%	6.4%	52.3	29.5	22.9	1,812	44,170,629	17.3%	15.5%	74.1%	42.1	
6/30/2019	\$ 252,947,849	42.8%	4.5%	6.1%	51.5	29.1	22.3	1,797	44,025,151	17.4%	15.4%	74.4%	42.7	
7/31/2019	\$ 249,982,994	42.3%	4.5%	6.0%	52.3	28.9	23.4	1,786	44,135,467	17.7%	14.8%	74.8%	43.1	
8/31/2019	\$ 246,991,334	41.7%	4.2%	6.3%	52.5	29.4	23.1	1,805	44,230,558	17.9%	15.2%	74.6%	44.1	
9/30/2019	\$ 244,289,296	41.3%	4.3%	6.2%	52.2	28.6	23.5	1,802	44,229,574	18.1%	15.0%	74.2%	45.0	
10/31/2019	\$ 241,383,097	40.8%	4.3%	5.9%	53.1	29.1	24.1	1,812	44,498,045	18.4%	16.1%	74.2%	45.2	
11/30/2019	\$ 238,482,074	40.3%	4.2%	5.2%	54.0	29.5	24.5	1,816	45,014,533	18.9%	15.6%	75.1%	42.4	
12/31/2019	\$ 235,843,683	39.9%	4.0%	5.3%	53.7	29.5	24.2	1,832	44,985,968	19.1%	16.0%	75.3%	46.6	

PFH - Partial Financial Hardship Repayment Plan (part of Income Based Repayment Plan "IBR") -Mthly pymt may be as low as \$0.00. Eligible for loan forgiveness after 25 yrs and 300 pymts

\* PFH Pmt % - Payment as a percentage of repayment plan prior to entering PFH (active or inactive repayment plan prior to entering PFH)

PHEAA - 2013-1 Floating Rate Student Loan Asset-Backed Notes

Supplemental Report

Report Date: 12/31/19

Report Period: 12/01/19 - 12/31/19

XIV. Additional Forbearance Detail

EOM	Status at End of Reporting Period	Total Wgt Avg Mths		Wgt Avg Mths on Mandatory Frb	Total Wgt Avg Mths on Frb in		Wgt Avg Mths on Mandatory Frb in
		on Frb	Discretionary Frb		2013-1 Trust	Discretionary Frb in	
6/30/2013	Discretionary Frb	27.9	21.0	6.9	0.6	0.6	-
	Mandatory Frb	40.9	22.5	18.4	0.6	-	0.6
	<b>Total</b>	32.6	21.5	11.1	0.6	0.4	0.2
6/30/2014	Discretionary Frb	28.9	22.2	6.7	27.2	21.1	6.2
	Mandatory Frb	49.3	31.9	17.4	40.2	24.0	16.3
	<b>Total</b>	37.1	26.1	11.0	32.4	22.3	10.3
6/30/2015	Discretionary Frb	32.1	23.9	8.2	30.5	22.8	7.7
	Mandatory Frb	49.7	30.6	19.2	41.6	23.7	17.8
	<b>Total</b>	39.3	26.7	12.7	35.1	23.2	11.9
6/30/2016	Discretionary Frb	35.5	22.4	13.1	17.2	11.8	5.4
	Mandatory Frb	50.2	29.8	20.4	20.0	6.1	13.9
	<b>Total</b>	42.0	25.7	16.3	18.4	9.3	9.2
6/30/2017	Discretionary Frb	35.6	23.4	12.2	21.0	14.4	6.6
	Mandatory Frb	53.3	31.2	22.1	23.5	7.5	16.0
	<b>Total</b>	44.0	27.1	16.9	22.2	11.1	11.1
6/30/2018	Discretionary Frb	32.6	22.0	10.6	21.5	14.8	6.7
	Mandatory Frb	57.1	32.3	24.9	27.2	9.8	17.4
	<b>Total</b>	48.3	28.6	19.7	25.1	11.6	13.5
1/31/2019	Discretionary Frb	34.1	23.1	11.0	22.3	15.4	6.9
	Mandatory Frb	56.8	31.0	25.8	29.0	9.3	19.7
	<b>Total</b>	48.1	28.0	20.1	26.4	11.6	14.8
2/28/2019	Discretionary Frb	32.8	22.7	10.1	21.4	15.1	6.3
	Mandatory Frb	59.0	31.7	27.3	30.1	9.0	21.0
	<b>Total</b>	50.3	28.7	21.6	27.2	11.0	16.1
3/31/2019	Discretionary Frb	32.9	22.5	10.4	21.8	15.5	6.2
	Mandatory Frb	59.0	32.1	26.9	29.0	9.3	19.7
	<b>Total</b>	50.6	29.0	21.6	26.7	11.3	15.4
4/30/2019	Discretionary Frb	31.8	21.8	10.0	21.1	15.0	6.1
	Mandatory Frb	60.8	32.4	28.3	30.6	10.2	20.4
	<b>Total</b>	50.9	28.8	22.1	27.4	11.8	15.5
5/31/2019	Discretionary Frb	31.7	22.6	9.1	21.0	15.4	5.5
	Mandatory Frb	61.5	32.5	29.0	30.1	9.0	21.1
	<b>Total</b>	52.3	29.5	22.9	27.3	11.0	16.3
6/30/2019	Discretionary Frb	32.1	23.1	9.0	22.1	16.5	5.6
	Mandatory Frb	60.1	31.8	28.2	30.5	9.2	21.4
	<b>Total</b>	51.5	29.1	22.3	27.9	11.4	16.6
7/31/2019	Discretionary Frb	35.5	23.0	12.4	22.0	16.0	6.1
	Mandatory Frb	60.5	31.8	28.7	31.4	9.6	21.8
	<b>Total</b>	52.3	28.9	23.4	28.3	11.7	16.7
8/31/2019	Discretionary Frb	35.8	23.3	12.5	21.7	15.8	5.9
	Mandatory Frb	60.7	32.4	28.3	31.5	10.1	21.4
	<b>Total</b>	52.5	29.4	23.1	28.3	12.0	16.3
9/30/2019	Discretionary Frb	38.0	23.4	14.6	22.3	15.5	6.8
	Mandatory Frb	59.9	31.5	28.3	30.2	9.2	21.0
	<b>Total</b>	52.2	28.6	23.5	27.4	11.4	16.0
10/31/2019	Discretionary Frb	37.9	23.0	14.9	21.9	15.4	6.5
	Mandatory Frb	62.0	32.6	29.4	32.2	9.4	22.7
	<b>Total</b>	53.1	29.1	24.1	28.4	11.6	16.7
11/30/2019	Discretionary Frb	38.6	22.8	15.8	23.8	16.3	7.5
	Mandatory Frb	62.1	33.0	29.1	33.6	9.8	23.8
	<b>Total</b>	54.0	29.5	24.5	30.2	12.1	18.2
12/31/2019	Discretionary Frb	37.7	23.4	14.3	22.9	15.9	7.0
	Mandatory Frb	62.5	32.9	29.7	33.5	9.5	24.0
	<b>Total</b>	53.7	29.5	24.2	29.7	11.8	18.0