## Indenture of Trust - 2009-1 Serie <br> A Shority of the State of Missouri <br> Quarterly Servicing Report <br> $\begin{array}{lll}\text { Quarterly Distribution Date: } & \begin{array}{l}\text { 11/27/2017 } \\ \text { Collection Period Ending: }\end{array} & 10 / 31 / 2017\end{array}$

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| 1 Principal Parties to the Transaction |  |
| :--- | :--- |
| Issuing Entity | Higher Education Loan Authority of the State of Missouri |
| Servicers | Higher Education Loan Authority of the State of Missouri and as backup servicer Pennsylvania Higher Education Assistance Agency |
| Administrator | Higher Education Loan Authority of the State of Missouri |
| Trustee | US Bank National Association |

ssuing Entity $\quad$ Higher Education Loan Authority of the the Transaction
II. Explanations / Definitions / Abbreviations

## Cash Flows

Record Date
Claim Write-offs
Principal Shortfall
Parity Ratio
Total Note Factorl
Note Pool Factor
III. Deal Parameters



| A. | Principal Collections |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Principal Payments Received - Cash | \$ | 2,430,441.85 |
|  | iii. | Principal Received from Loans Consolidated Principal Payments Received - Sevicer Repurchases/Reimbursements |  |  |
|  |  | Principal Payments Received - Seller Repurchases/Reimbursements |  |  |
|  | v. | Total Principal Colle ctions | s | 2,785,520.55 |
| в. | Interest Collections |  |  |  |
|  | i. | Interest Payments Received - Cash | \$ |  |
|  | iii. |  |  | (236,0198.60) |
|  |  | Interest Payments Received - Servicer Repurchases/Reimbursements |  |  |
|  | v. | Interest Payments Received - Seller Repurchases/Reimbursements |  |  |
|  | vii. | Lete Fes \& Other ${ }_{\text {L }}^{\text {Total Interest Collections }}$ | s | 5.126 .72 |
|  |  |  |  |  |
| c. | Other Reimbursements |  | s | - |
| D. | Investment Earnings |  | s | 7,908.43 |
| E. | Total Cash Receipts during Colle ction Period |  | s | 3,235,330.68 |

## V. Cash Perment Detal

| Funds Previously Remitted: Collection Account |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| A. | Annual Surveillance Fees |  |  |  |
| B. | Trustee Fees \& Custodian Fees | \$ | (1,781.03) |  |
| c. | Servicing Fees | \$ | (100,467.02) |  |
| D. | Administration Fees | \$ | (10,046.70) |  |
| E. | Transfer to Department Rebate Fund | \$ | (200,350.04) |  |
| F. | Monthly Rebate Fees | \$ | (212,283.76) |  |
| c. | Interest Payments on Notes | \$ | (407,574.19) |  |
| н. | Reserve Fund Deposit | \$ | - |  |
| I. | Principal Payments on Notes | \$ | (2,948,109.71) |  |
| J. | Carryover Administration and Servicing Fees | \$ |  |  |
| K. | Collection Fund Reconciliation |  |  |  |
|  | Beginning Balance: |  | 7/312017 | 3,645,965.39 |
|  | ii. Principal Paid During Collection Period (I) <br> Interest Paid During Collection Period (G) <br> iii.  |  |  | $(2,948,109.71)$ <br> (407,574.19) |
|  | iv. Deposits During Collection Period ( $V-A-V+V-B-v i i+V-C)$ |  |  | 3,227,422.25 |
|  |  |  |  | (524,9295.55) |
|  | vii. Toar investment Income Received for Quarter ( $V-D$ ) |  |  | $\begin{array}{r}\text { (524,988.43 } \\ \hline\end{array}$ |
|  | viii. Funds transtered from the Accuisision Fund |  |  | 0.00 |
|  | ix. $\times$ |  |  | 0.00 |
|  | $\mathrm{xi}_{\mathrm{xi}}$ Funds transerred from the Reserve Fund |  |  |  |
|  | xii. $\quad$ Funds Available for Distribution |  | s | 3,010,079.45 |


| VII. Waterfall for Distribution |  | $\frac{\text { Distributions }}{3,010,079.45}$ |  | $\begin{gathered} \begin{array}{c} \text { Remaining } \\ \text { Funds Balance } \\ 3,010,079.45 \end{array} \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
| A. | Total Available Funds For Distribution |  |  |  |  |
| B. | Annual Survillance Fee - AES \& S \& P | \$ |  | s | 3,010,079.45 |
| c. | Trustee Fee/Safe Deposit Fees | \$ | 1,422.74 | s | 3,008,656.71 |
| D. | Servicing Fee | \$ | 32,830.35 | s | 2,975,826.36 |
| E. | Administration Fee | \$ | 3,283.03 | \$ | 2,972,543.33 |
| F. | Department Rebate Fund | \$ | 65,049.93 | \$ | 2,907,493.40 |
| G. | Monthly Rebate Fees | \$ | 69,419.45 | s | 2,838,073.95 |
| н. | Interest Payments on Notes | \$ | 422,124.71 | \$ | 2,415,949.24 |
| 1. | Reserve Fund Deposits | \$ | - | s | 2,415,949.24 |
| J. | Principal Distribution Amount Class A-1 Class A-2 | s | 2,415,949.24 | \$ | 2,415,949. 24 |
| к. | Carryover Administration and Servicing Fees | \$ |  | s |  |
| L. | Additional Principal Class A-1 Class A-2 | \$ |  | \$ |  |



| \|X. Portfolio Characteristics |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ${ }_{7 / 31 / 2017}$ WAC ${ }_{\text {10/31/2017 }}$ |  | Number of Loans |  | WARM |  | Principal Amount |  | 7/31/2017 |  |
| Status |  |  | 7/3122017 | 10/31/2017 | 7/3112017 | 10/31/2017 | 7/312017 | 10/3112017 |  |  |
| Interim: |  |  |  |  |  |  |  |  |  |  |
| Subsidized Loans | 0.000\% | 0.000\% | 0 | 0 | 0 |  | \$ - |  | 0.00\% | 0.00\% |
| Unsubsidized Loans | 0.000\% | 0.000\% | 0 | 0 | 0 | 0 |  | 0 | 0.00\% | 0.00\% |
| Grace ${ }_{\text {S }}$ Subidized Lons |  |  |  | 0 | 0 | 0 |  |  | 000\% |  |
| Unsubsidized Loans | 0.000\%\% | $\begin{aligned} & 0.000 \% \\ & 0.000 \% \end{aligned}$ | 0 | 0 | 0 | ${ }_{0}$ | - | 0 | 0.00\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Active }}^{\text {O-30 }}$ Days Delinquent | 5.114\% | 5.102\% | 7,400 | 7,101 | 149 | 149 | 65,709,702.92 | 63,145,199.91 | 82.07\% | 81.24\% |
| ${ }^{31-60}$ Days Delinquent | 5.645\% | 5.930\% | 116 | 203 | 165 | 170 | 1,2661,328.72 | 2,819,358.99 | 1.58\% |  |
| ${ }^{61-90}$ Days Delinquent | 5.998\% | 5.5.53\% | 63 53 | 92 | 166 164 1 | 179 150 | ${ }^{755,735.03}$ | 1,179,150.87 | 0.94\% | 1.52\%\% |
| 91-120 Days Delinquent | $5.961 \%$ $5.559 \%$ | 5.321\% $5966 \%$ | 53 51 51 | $\begin{array}{r}100 \\ 38 \\ \hline\end{array}$ | 164 156 15 | 150 152 15 | 751,958.64 632350.57 | 992,359.17 | 0.94\% | -1.28\% |
| 151-180 Days Delinquent | 6.08\%\% | 5.126\% | 32 | 33 | 213 | 142 | $622,999.50$ | 313,113.05 | 0.78\% | 0.40\% |
| 181-210 Days Delinquent | 5.807\% | 6.077\% | ${ }^{22}$ | ${ }^{41}$ | 208 | 166 | ${ }^{436,222.52}$ | ${ }^{563,911.39}$ | 0.54\% | 0.73\% |
| $211-240$ Days Delinquent | 5.066\% | 5.493\% | 20 15 | 31 23 | 144 | 193 | 216,080.57 | 330,287.90 | ${ }^{0.27 \%}$ | ${ }^{0.42 \%}$ |
| ${ }^{241-2770}$ Days Delinquent | 5.160\% |  | 15 14 14 | 23 <br> 14 | 171 223 | 233 <br> 245 <br> 1 | $140,775.65$ 2399625 | 479.722 .66 <br> 2432534 <br> 1 | -0.18\% |  |
| ${ }_{\text {a }}^{\substack{\text { 271-300 Days Delinquent } \\>300 \\ \text { Days Delinquent }}}$ |  | 5.3027\% | 14 0 | 14 4 | 223 0 | ${ }_{211}^{245}$ | 239,962.55 | 243,253.44 $107,514.03$ | 0.0.30\% | -0.31\% |
| Deferment |  |  |  |  |  |  |  |  |  |  |
| Subsidized Loans | $5.113 \%$ $5.728 \%$ | $5.142 \%$ $5.486 \%$ | 187 180 | 180 172 | ${ }_{216}^{172}$ | ${ }_{201}^{165}$ | $1,558,116.81$ $1,868177.44$ | $1,486,955.17$ 1,50172332 | ${ }^{1.95 \%}$ |  |
| Unsubsidized Loans | 5.728\% | 5.486\% | 180 | 172 | 216 | 201 | 1,868,177.44 | 1,501,723.32 | 2.00\% | - $1 . .93 \%$ |
| Forbearance <br> Subsidized Loans |  |  |  |  |  |  |  |  | 0.0.0\%\% | -0.00\% |
| Uusidizidideans | 5.4.46\%\% | $\begin{aligned} & 5.314 \% \\ & 6.243 \% \end{aligned}$ | $\begin{aligned} & 51 \\ & 162 \end{aligned}$ | ${ }_{100}^{91}$ | $\begin{aligned} & 160 \\ & 212 \end{aligned}$ | $\begin{aligned} & 161 \\ & 232 \end{aligned}$ | 1,999,647. $3,112,496$ | 1,073,502.48 2,576,013.97 | 3. ${ }_{\text {2.89\% }}$ | . ${ }_{\text {3 }} .3 .31 \%$ |
|  |  |  | 8,466 | 8,223 | 155 |  | 79,305,604.79 | 77,185,267.06 |  | 99.30\% |
| Claims In Process <br> Aged Claims Rejected | 5.632\% | 5.343\% |  |  | 165 | 143 | \$ $\quad 762,449.55$ | \$ $\quad 540,305.88$ | ${ }^{0.959 \%}$ | -0.00\% |
| Grand Total | 5.217\% | 5.215\% | 8,529 | 8,276 | 156 | 156 | 80,068,054.34 | 77,725,572.94 | 100.00\% | 100.00\% |


| Porffolio Characteristics by School and Program as of 10/312017 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Loan Type | wac | WARM | Number of Loans | Principal Amount | \% |
| Consolidation - Subsidized | 4.882\% | ${ }^{142}$ |  | 31,984,530.12 | 41.15\% |
| Consolidation - Unsubsidized | 5.451\% |  |  | 45,579,183.85 | 58.64\% |
| Statford Subsidized | 4.902\% | 117 |  | 77,567.04 | 0.10\% |
| Stafford Unsubsidized | 3.949\% | 143 | 24 | 73,466.77 | 0.09\% |
| PLUS Loans | 4.080\% |  |  | 10,825.16 | 0.01\% |
| Total | 5.215\% | ${ }^{156}$ | 8,276 \$ | 77,725,572.94 | 100.00\% |
|  |  |  |  |  |  |
| 4 Year College |  |  | 6,382 \$ | 62,740,833.41 |  |
| Gratuat e"' | 0.000\% | $0^{0}$ | 0 | 0 | 0.00\% |
| Proprietary, Tech, Vocational and Other 2 Year College | 5.6.663\% | 164 <br> 154 <br> 1 | 905 989 | $8,541,543.34$ $6.443,196.19$ | 10.99\% 8.29\% |
|  |  |  |  |  |  |
| $\cdots$ - ${ }^{\text {ctegory }}$ changed from "Unidentified" | Unidentified in | in "Proprietor, Tec | Vocationa, \& other' |  |  |

[^0]| XII. Collateral Tables as of 10/31/2017 |  |  |  |
| :---: | :---: | :---: | :---: |
| Distribution of the Student Loans by Geographic Location* |  |  |  |
| Location | Number of Loans ${ }_{13}$ | ${ }_{\text {Principal Balarce }}^{12514.65}$ | Percent by Principal |
| Unknown | ${ }^{13}{ }_{0}$ | 125,141.65 | - $0.16 \%$ |
| Aimed Forces Americas | ${ }_{1}$ | 25,737.83 | - $0.000 \%$ |
| Alaska |  | 3,437.25 | 0.00\% |
| Alabama | 24 | 161,585.06 | 0.21\% |
| Armed Forces Pacific | 2 | 31,234.16 | 0.04\% |
| Arknsas | 77 | 940,263 | 1.21\% |
| American Somoa | 0 | 371096 | 0.00\% |
| Arizona | 34 | 371,086.70 |  |
| Cailiornia | 140 | 1,729,131.60 | 2.22\% |
| ${ }_{\text {Colorado }}$ Connecticut | 91 18 | 257,786.00 | - $0.33 \%$ |
| District of Columbia | 6 | 28,050.85 | 0.04\%\% |
| Floriama | 112 | 1,096,346.28 | ${ }^{\text {1.41\% }}$ (00\%\% |
| Georgia | 52 | 595,134.15 | 0.77\% |
| $\underset{\substack{\text { Guam } \\ \text { Hawaii }}}{\text { a }}$ | ${ }_{7}$ | 59,352.84 | 0.0.08\% |
| lowa | 49 | 484,807.21 | 0.62\% |
| daho | ${ }^{6}$ | 33,321.41 | 0.04\% |
| ${ }^{\text {Ilininois }}$ | 443 | 3,701,281.86 | ${ }^{4.76 \%}$ |
| ${ }_{\text {and }}^{\text {ndiana }}$ | 35 197 | 2.085.505.33 | 2.88\% |
| Kentucky | 42 | 242,108.58 | 0.31\% |
| Len ${ }^{\text {Leuisiana }}$ Massachusetts | ${ }_{20}^{20}$ | 121.867.13 $191,799.13$ | -0.16\% ${ }^{0.25 \%}$ |
| Maryland | 41 | 792,924.95 | 1.02\% |
| Maine | $3{ }^{3}$ | 32,128.57 | 0.04\%\% |
| Michigam | 31 27 | 479,319.48 | ${ }^{0.623 \%}$ |
| Missouri | 5,922 | 50,602,893.76 | 65.10\% |
| Mariana lslands |  |  |  |
| Montana | 3 | 27,557.15 | 0.04\% |
| North Carolina | 48 | 558,146.77 | 0.72\% |
| North Dakota Nebraska | 31 | $16,684.49$ $354,833.16$ | 0.06\% |
| New Hampshire |  | 88.688 .63 | 0.11\% |
| New Jersey | ${ }_{6}^{38}$ | $1,664,882.49$ 59.453 .40 | 2.14\% |
| Nevada | 22 | 273,064.96 | 0.35\% |
| New York | 82 | 2,247,515.59 | 2.87\% |
| Onio | 54 | 489,239.91 |  |
| Oregon | 23 | 124,388.29 | 0.16\% |
| Pennsylvania Puerto Rico | 19 | ${ }^{1,309,07507.76}$ | - ${ }^{1.68 \% \%}$ |
| Rhode island | 0 |  | 0.00\% |
| South Carolina | ${ }_{6}^{22}$ | 295,101.69 | -0.38\% |
| Tennessee | 39 | 379,605.73 | 0.49\% |
| ${ }_{\text {Texas }}^{\text {Texas }}$ | 230 6 | 2,099,.5332.75 | 2.05\% |
| Virginia | 54 | 595,591.81 | ${ }^{0.77 \% \%}$ |
| Vergin |  |  | 0.03\% |
| Wastington | 49 | 472,255.68 | 0.61\% |
| West ${ }_{\text {Wisconsin }}^{\text {Westirgia }}$ | ${ }_{3}^{22}$ | 1660.362 .35 $81,695.86$ | -0.21\% |
| Wyoming | 4 | 72,216.70 | 0.09\% |
| *Based on billing addresses of | ${ }_{n}{ }^{8,276} \text { on servicer's records. }$ | 77,725,572.94 | 100.00\% |



| XII. Collateral Tables as of 10/31/2017 (continued from previous page) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Distribution of the Student Loans by Borrower Payment Status |  |  |  | Distribution of the Student Loans by Number of Days Delinquent |  |  |  |
| Payment Status | Number of Loans | Principal Balance | Percent by Principal | Days Deilinquent | Number of Loans | Principal Balance | Percent by Principal |
|  |  |  |  | 0to 30 | $7_{7,644}$ | 697833 | 89.78\% |
| REPAY Y Year 1 | 0 s |  | 0.0.00\% | -31 $\begin{aligned} & 31060 \\ & 61 \text { to } 90\end{aligned}$ | 203 92 | $2,819,358.99$ $1,179,150.87$ | $3.63 \%$ <br> $1.52 \%$ |
| Repar year 3 | 0 |  | 0.00\% | 91 to 120 | 100 | 992,359.17 | 1.28\% |
| REPAY YEAR 4 | 8,276 | 77,725,572.94 | 100.00\% | 121 and Greater |  | 2,951,309.06 | 3.80\% |
| Total | 8,276 ¢ | 77,725,572,94 | 100.00\% |  | 8,276 ¢ | ¢ 77,725,572.94 | 00.00\% |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| S499.99 ORLESS | 450 \$ | \$ ${ }_{\text {anctar }}$ |  | 1.99\% ORLESS | Numberot Loans | \$ |  |
| S500.00 то \$999.99 |  |  |  | 2.00\% T0 $2.29 \%$ | 17 |  | 0.00\% |
|  | ${ }^{743}$ | 1,117,474.20 | 1.44\% | 2.50\% TO 2.99\% | 1,117 | 9,821,112.37 | 12.64\% |
|  |  |  |  | 3.00\% TO 3.49\% | 243 | 2,101,013.76 | 2.70\% |
|  | 795 1,195 |  | 7.5.59\% | 3.30\% TO 3.99\% | 72 84 | $1,242,774.61$ $1,154,883.87$ | $1.60 \%$ $1.49 \%$ |
|  |  |  |  | 4.50\% T0 4.99\% | 2,843 | 21,845,421.46 | 28.11\% |
|  |  |  |  | 5.00\% T0 5.49\% | 1,816 | 13,795,589.98 | 17.75\% |
|  |  |  |  | 5.50\% T0 5.9.9\% | 351 565 | $4,9337,232.87$ $6,538,043$ | ${ }_{8.41 \%}^{6.35 \%}$ |
|  |  |  |  | 6.50\% T0 6.99\% | 404 | 4,570,843.83 | 5.88\% |
| \$25000.00 T0 \$299999999 ${ }^{\text {S }}$ |  |  |  | 7.00\% TO 7.49\% | 570 | 7,971,832.84 | 10.26\% |
| \$30000.00 То \$34999.99 ${ }^{\text {S }}$ |  |  |  | 7.50\% T0 7.99\% | ${ }^{60}$ | $1,173,858.05$ $2,53036.5$ | 1.51\% |
|  |  |  |  | 8.00\% T0 8.49\% | 150 | 2,540,363.69 | -$3.27 \%$ <br> $0.00 \%$ |
|  |  |  |  |  |  | 32,672.61 | - ${ }_{0}^{0.000 \%}$ |
| ( ${ }^{\text {a }}$ |  |  |  |  | 8,276 ¢ | $5 \quad 77,725,572.94$ | 00.00\% |
| S55000.00 TO S599999999 |  |  |  |  |  |  |  |
|  |  |  |  | Distribution of the Student Loans by SAP Interest Rate Index |  |  |  |
| (loll |  | 720,033.12 | 0.93\% | SAP Interest Rate |  | Principal Balance | Percent by Principal |
| \$75000.00 T0 \$979999.99S8000.00 |  |  |  | 1 MONTH LIBOR 91 DAY T-BILL INDEX | $8,274$ | $77,689,015.55$ $36,557.39$ | $\begin{gathered} 99.95 \% \\ 0.05 \% \\ \hline 0.05 \% \end{gathered}$ |
| $\$ 85000.00$ TO $\$ 89999.99$ $\$ 90000.00$ AND GREATER | ${ }_{32}^{6}$ | 529,322.57 4.013 .553 .81 | - ${ }_{\text {0.68\% }}$ | Total | 8,276 | ¢ 77,725,572.94 | 100.00\% |
|  | 8,276 s | 77,725,572.94 |  |  |  |  |  |
|  |  |  |  |  |  |  | Distribution of the Student Loans by Date of Disbursement |
|  |  |  |  | Disbursement Date ${ }^{\text {POST-OCTOBER }} 1$, 2007 |  | $\$ \frac{\text { Principal Balance }}{14,951.23}$ | $\begin{array}{r}\text { Percent by Principal } \\ 0.02 \% \\ \hline\end{array}$ |
|  |  |  |  | PRE-APRLL 1, 2006 | 2,304 | 20,285,711.33 |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | ${ }_{8,276}$ | 77,725,572.94 | 00.00\% |

XIII. Interest Rates for Next Distribution Date

| Class of Notes | CUSIP | Spread | Coupon Rate |
| :---: | :---: | :---: | :---: |
| ${ }_{\text {a }}^{\text {A-2 Notes }}$ | ${ }_{6}^{606072} \mathbf{6 0 6 7 2}$ KN5 | ${ }^{0.05 \%}$ |  |
| LIBOR Rate for Accrual Period First Date in Accrual Period Last Date in Accrual Period Days in Accrual Period |  |  | 1.3172\% |
|  |  |  | 81/2517 |
|  |  |  | 11/26/17 |
|  |  |  | 94 |



WATERFALL Reflectist Senvicing and Admin Fees Accrued for OOctober to be paid (ovember 27th.


[^0]:    

