## Indenture of Trust - 2009-1 Series Higher Education Loan Authority of the State of Missouri <br> $\begin{array}{ll}\text { Higher Education Loan Authority of the State of } M \\ \text { QQuarterly Servicing Report } \\ \text { Quarterly Distribution Date: } & 11 / 26 / 2018 \\ \text { Collection Period Endina: }\end{array}$

Collection Peeriod Endi
Table of Contents


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

II. Explanations / Definitions / Abbreviations

Cash Flows
Record Date
Claim Write-Offs
Principal Shortfall
Parity Ratio
Total Note Factorl
Note Pool Factor


| A. | Student Loan Principal Collection Activity |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | i. Regular Principal Collections |  | \$ | 1,587,300.76 |
|  |  |  |  | 528,683.78 |
|  | iv. Principal Repurchases/Reimbursements by Seller |  |  |  |
|  | v. ${ }_{\text {Paydown due to to } \text { Loan Consolidation }}$ |  |  | 895,914.67 |
|  | vii. |  | 5 | 3,011,899.21 |
| B. | Student Loan Non-Cash Principal Activity |  |  |  |
|  | $\begin{array}{ll}\text { i. } \\ \text { ii. } & \begin{array}{l}\text { Principal Realized Losses - Claim Write-Offs } \\ \text { Principal Realized Losses - Other }\end{array}\end{array}$ |  | \$ | 325.41 |
|  | iii. iv. |  |  | 58.26 $(175.298 .49)$ |
|  | v. ${ }_{\text {in }}$ Total Non-Cash Principal Activity |  | s | (174,994.82) |
| c. | Student Loan Principal Additions |  |  |  |
|  |  |  | s | (121,443.04) |
|  | ii. Total Principal Additions |  | 5 | (121,443.04) |
| D. | Total Student Loan Principal Activity (Avii + Bv + Cii) |  | s | 2,715,541.35 |
| E. | Student Loan Interest Activity |  |  |  |
|  |  |  | \$ | $\underset{\substack{\text { 568,461.72 } \\ 2252782}}{ }$ |
|  | Interest cliams Received from Guarantors |  |  | ${ }_{4,523.76}^{22,57.82}$ |
|  | iv. |  |  |  |
|  | vi. Interest due to Loan Consolidation |  |  | 19,304.87 |
|  | vii. Other System Adiustments |  |  |  |
|  |  |  |  | (78,030.67) $43,512.28$ |
|  | Total Interest Collections |  | s | 580,299.78 |
| F. | Student Loan Non-Cash interest Activity |  |  |  |
|  | Interest Losses - Claim Write-offs |  | \$ | 6,839.33 |
|  | Other Adjustments |  |  | (850, 188.96) |
|  | Capitiaized Interest Total Non-Cash Interest Adjustments |  |  | ${ }_{(175,298.49}$ |
|  | Total Non-Cash Interest Adjustments |  | s | (668,051.14) |
| c. | Student Loan Interest Additions $\begin{gathered}\text { New Loan Additions }\end{gathered}$ |  |  |  |
|  | ii. ${ }_{\text {i }}$ Now Lana Additions |  | s | ${ }_{(8,788.36)}^{(8,78.36)}$ |
| н. | Total Student Loan Interest Activity (Ex $+\mathrm{Fv}+$ Gii) |  | 5 | (96,499.72] |
| J. | Defaults Paid this Quarter (Aii + Eii) Cumulative Defaults Paid to Date |  | s | $\begin{gathered} 551,211.60 \\ (36,487,827.98) \end{gathered}$ |
| к. | Interest Expected to be Capitalized interest Expected to be Capitalized - Beginning (III - A-ii) Changes Capitaized into Principal During Collection Period (B-iv) Change in Interest Expected to be CapitalizedInterest Expected to be Capitalized - Ending (III - -ii) | $7 / 31 / 2018$ $10 / 1 / 12018$ | \$ | $\begin{array}{r} 220.916 .41 \\ \begin{array}{c} 1155.298 .49 \\ \hline 255.422 .49 \end{array} \\ \hline \end{array}$ |
|  |  | 10/31/2018 | s | 271,050.41 |


|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| A. | $\begin{aligned} & \text { Prinicipal Collections } \\ & \text { iii } \\ & \text { iii. } \\ & \text { iv. } \\ & \text { v. } \end{aligned}$ | Principal Payments Received - Cash Principal Receved from Loans consolidated <br> Principal Received from Loans Consolidated <br> Principal Payments Received - Seller Repurchases/Reimbursements Total Principal Collections <br>  | s | $2,115,984.54$ $895,914.67$ <br> $\stackrel{-}{-}$ |
| в. | Interest Collections ii ii. iv. vi vi. vi. | Interest Payments Received - Cash <br> rest Received from Loans Consolidated <br> Interest Payments Received - Special Allowance and Interest Benefit Payments <br> Interest Payments Received - Servicer Repurchases/Reimbursements Interest Payments Received - Seller Repurchases/Reimbursements <br> Late Fees \& Other <br> Total Interest Collections | s | 590,989.54 $19,304.87$ $(34,518.39$ $\begin{array}{r}- \\ 4,523.76 \\ \hline 580,299.78\end{array}$ 580,299.78 |
| c. | Other Reimbursements |  | $s$ |  |
| -. | Investment Earings |  | $s$ | 15,995.23 |
| E. | Total Cash Reoceipts dur | ing Collection Period | s | 3,607, 894,22 |


| Cash Payment Detail and Available Funds for the Time Period |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Funds Previously Remitted: Collection Account |  |  |  |  |  |
| Annual Surveillance Fees |  |  |  |  |  |
| B. | Trustee Fees \& Custodian Fees | s | (1,508.31) |  |  |
| c. | Servicing Fees | s | (86,840.48) |  |  |
| D. | Administration Fees | \$ | (8,684.04) |  |  |
| E. | Transter to Department Rebate Fund | s | (20,304.44) |  |  |
| F. | Monthly Rebate Fees | s | (184,181.82) |  |  |
| ¢. | Interest Payments on Notes | s | (532,466.43) |  |  |
| н. | Reserve Fund Deposit | s | - |  |  |
| I. | Principal Payments on Notes | s | (3,071,617.15) |  |  |
| J. | Carryover Administration and Servicing Fees | s | - |  |  |
| к. | Collection Fund Reconciliation |  |  |  |  |
|  | ii $\quad \begin{aligned} & \text { Begining Balance: } \\ & \text { Principa Paid During Collection Period }\end{aligned}$ |  | 7/31/2018 | s | (3,74,076.136 |
|  | $\begin{array}{ll}\text { ii. } & \text { Principal Paid During Collection Period (I) } \\ \text { iii. } \\ \text { Interest Paid During Collection Period (G) }\end{array}$ |  |  |  |  |
|  | iv. Deposits During Collection Period ( $V-\mathrm{-}-\mathrm{v}+\mathrm{V}-\mathrm{B}-\mathrm{vii}+\mathrm{V}-\mathrm{C}$ ) |  |  |  | $3,552,198.99$ (232 |
|  | vi. $\quad$ Payments out During Collection Period ( $A+B+C+D+E+F+H+J)$ |  |  |  | $\left.{ }_{(301,599.09)}^{(232999}\right)$ |
|  | vii. Total Investment income Received for Quarter $(V-D)$ |  |  |  | 15,695.23 |
|  | $\begin{array}{ll}\text { vii. } & \text { Funds transeredred from the Acquisition Fund } \\ \text { ix. } \\ \text { Funds transerred from the Capitilied Interest Fund }\end{array}$ |  |  |  |  |
|  |  |  |  |  | 0.00 |
|  | $\begin{array}{ll}\text { xil } \\ \text { xii. } \\ & \text { Funds transiered foom the Reserve Fund } \\ \text { Funds Available for Distribution }\end{array}$ |  |  | s | 3,183,868.25 |


| Waterall for Dis |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Sributions |  | Sex |
| A. | Toal Avalable Funds For Distribution | s | ${ }^{3,183,868.25}$ | s | 3,183,868, |
| в. | Anual Suvellance Fee - AES \& \& P P | s | 18,462.98 | s | 3,165,405.27 |
| c. | Trusee Fees Sale Deposit Fes | s | 192.94 | s | 3,164,212,33 |
| -. | Senvicing Fee | s | 28.309 .62 | s | 3,13,590271 |
| E. | Administration Fee | s | 2.830.96 | s | 3,133.071.75 |
| F. | Department Reabie F Find | s | 238.64 | s | 132.833.11 |
| c. | Monthy Reabate Fees | s | 59,748.47 | s | 3,07, 08, 64 |
| н. | Interest Payments on Noles | s | 486,534. | s | 2,586,550.48 |
| . | Resene Fund Deposits | s | - | s | 2.566,550.48 |
| J. | Principal Distribution Amount Class A-1 Class A-2 |  | 2.566 .50 .48 |  | 2,566,550.48 |
| к. | Carryover Administation and Sericiong Fees | $s$ | . | s |  |
| L. | Additional Principal Class A-1 Class A-1 Class A-2 | $\frac{5}{5}$ |  | s |  |




| Loan Type | wac | WARM | Number of Loans | Principal Amount | \% |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Consolidation - Subsidized | 4.892\% | 140 | 3,352 \$ | \$ 27,311,943,33 | 41.09\% |
| Consolidation - Unsubsidized | 5.452\% | 164 |  | 39,024,848.15 | 58.71\% |
| Stafford Subsidized | 5.447\% | 127 | 26 | 64,077.50 | 0.10\% |
| Stafford Unsubsidized | 4.767\% | 147 | 18 | 57,063.15 | 0.09\% |
| PLUS Loans | 5.030\% | 54 |  | 8,680.69 | 0.01\% |
| Total | 5.221\% | 154 | 7,035 \$ | \$ 66,466,612.82 | 100.00\% |
| School Type |  |  |  |  |  |
| 4 Year College |  |  | 5,455 \$ | \$ 53,841,957.09 | 81.01\% |
| Graduate ${ }^{\text {a }}$.' | .0.000\% |  |  | 0 | 0.00\% |
| Proprietary, Tech, Vocational and Other |  | $\begin{array}{r}159 \\ 154 \\ \hline 1\end{array}$ | 765 <br> 885 <br> 8.5 | $7,170,367.00$ 5454.28873 | 10.79\% |
| 2 Year College |  | 154 | ${ }_{815}$ | 5,454,288.73 | 8.21\% |
| Total $5.221 \%$ 7.035 $\$$ $66,46,612.82$ $100.00 \%$ |  |  |  |  |  |



## XII. Collateral Tables as of $10 / 31 / 2018$ (continued from previous page)

| Distribution of the Student Loans by Borrower Payment Status |  |  |  |
| :---: | :---: | :---: | :---: |
| Payment Status | Number of Loans | Principal Ealance | Percent by Principal |
| REPAY YEAR 1 | 0 | S - | 0.00\% |
| REPAY YEAR 2 |  |  | 0.00\% |
| REPAY YEAR 3 | 0 |  | 0.00\% |
| REPAY YEAR 4 | 7,035 | 66,466.612.82 | 100.00\% |
| Total | 7,035 | 66,466,612.82 | 100.00\% |
| Distribution of the Student Loans by Range of Principal Balance |  |  |  |
|  |  |  |  |
| S499.99 OR LESS | 322 | 80,375.99 | 0.12\% |
| \$500.00 TO \$999.99 | 373 | 282,023,34 | 0.42\% |
| \$1000.00 To \$1999.99 | 759 | 1,149,881.22 | 1.73\% |
| \$2000.00 To \$2999.99 | 736 | 1,847,722.43 | 2.78\% |
| \$3000.00 To \$3999.99 | 641 | 2,231,847.50 | 3.36\% |
| \$4000.00 To \$5999.99 | 952 | 4,727,593.84 |  |
| \$6000.00 To \$7999.99 | 662 | 4,610,911.13 |  |
| \$8000.00 TO \$9999.99 | 532 | 4,759,339.72 | 7.16\% |
| \$10000.00 To \$14999.99 | 831 | 10,218,066.45 | 15.37\% |
| \$15000.00 TO \$19999.99 | 466 | 8,062, 198.29 | 12.13\% |
| \$20000.00 TO \$24999.99 | 258 | 5,714,974.30 | 8.60\% |
| \$25000.00 ד\% \$29999.99 | 137 | 3,729,032,88 | 5.61\% |
| \$30000.00 TO \$34999.99 | 95 | 3,092, 294.16 | 4.65\% |
| \$35000.00 T0 \$399999.99 | ${ }^{64}$ | ${ }^{2,3688716.50}$ | 3.56\% |
| \$40000.00 TO \$44999.99 | 47 | 1,987,154.73 | 2.99\% |
| \$45000.00 T0 \$499999.99 | ${ }^{32}$ | 1,513,705.12 | ${ }^{2.28 \%}$ |
| S50000.00 T0 \$54999.99 | 21 | 1,106,857.70 | ${ }^{1.67 \%}$ |
| \$55000.00 T0 \$599999.99 | 12 | 698,844.96 |  |
| \$60000.00 To \$649999.99 | 18 | 1,119,924.49 | 1.68\% |
| \$65000.00 To \$699999.99 | 22 | 1,476,459.01 | 2.22\% |
| \$70000.00 TO \$74999.99 | 8 | 588,243.45 | 0.88\% |
| \$75000.00 T0 \$799999.99 | ${ }_{5}$ | 469,393.59 | 0.71\% |
| \$80000.00 T0 \$884999.99 | 5 | 408,134.96 | 0.61\% |
| \$85000.00 TO \$89999.99 |  | 704,789.04 | 1.06\% |
| \$90000.00 AND GREATER | 28 | 3,524,128.02 | 5.30\% |



| Distribution of the Student Loans by Interest Rate |  |  |  |
| :---: | :---: | :---: | :---: |
| Interest Rate | Number of Loans | Principal Balance | Percent by Principal |
| 1.99\% OR LESS |  |  | 0.00 |
| \% TO 2.49\% |  |  |  |
| 2.50\% TO 2.99\% | 1,01 | 8,377,002.47 | 12.60\% |
| 3.00\% TO 3.49\% | 175 | 1,749,995.83 | 2.63\% |
| 3.50\% TO 3.99\% | 64 | 1,077,077.49 | 1.62\% |
| 4.00\% TO 4.49\% | 97 | 1,001,510.47 | 1.51\% |
| 4.50\% TO 4.99\% | 2,413 | 18,804,947,30 | 28.29\% |
| 5.00\% TO 5.49\% | 1,510 | 11,558,375.53 | 17.39\% |
| 5.50\% TO 5.99\% | 289 | 4,236,944.43 | 6.37\% |
| 6.00\% TO 6.49\% | 450 | 5,456,755.94 | 8.21\% |
| 6.50\% TO 6.99\% | 344 | 3,969,045.20 | 597\% |
| 7.00\% TO 7.49\% | 490 | 6,803,572.08 | 24\% |
| 7.50\% T0 7.99\% |  | 85,485.49 |  |
| 8.00\% To 8.49\% | ${ }^{126}$ | 2,113,420.21 | 3.18\% |
| 8.50\% To 8.99\% | 0 |  | 0.00\% |
| 9.00\% OR GREATER | $\xrightarrow{1}$ | 32,480,38 66.466 .61282 | 0.0.05\% |

##  $\frac{\text { MONTH LIBOR }}{}$ 91 DAY T-BILL INDEX

 $\qquad$

| Disbursement Date | Number of Loans |  | Principal Balance | Percent by Principal |
| :---: | :---: | :---: | :---: | :---: |
| POST-OCTOEER 1,2007 |  | \$ | 11,197.56 | .02\% |
| PRE-APRLL 1, 2006 | 2,008 |  | 17,115,408.19 | 5.75\% |
| PRE-OCTOBER 1, 1993 PRE-OCTOBER 1, 2007 |  |  |  | 74.2 |
| Total | 7.035 |  | 66,466.612.82 |  |



VI C \& D Reflect Sevicicing and Admin fees for July (paid in August), August (paid in September) and
VII WATERFALL Refectis Servicing and Admin Fees Accrued for October to be paid November 26it.

