```
Indenture of Trust - 2009-1 Series
Higher Education Loan Authority of the State of Missouri
\begin{tabular}{lr} 
Higher Education Loan Authority of the State of \(M\) \\
\(\begin{array}{l}\text { Quarterly Sevvicing Report } \\
\text { Quartrly } \\
\text { Collection }\end{array}\) \\
Citritution Date: & \(8 / 26 / 2019\) \\
\hline
\end{tabular}
```

Table of Contents


| 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 Missour and as backup servicer Pennsyvvania Higher Education Assistance Agency |
| Administrator | Higher Education Loan Authority of the State of Missouri |
| Trustee | US Bank National Association |

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 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Regular Principal Collections |  | s | 1,432,420.49 |
|  | Principal Collections from Guarantor |  |  | 394,507.59 |
|  | Prinipal Repurchases/Reimbursements by Servicer |  |  |  |
|  | Praydown due to Loan Consolidation |  |  | 368,306.27 |
|  | vi. Other System Adiustments |  |  |  |
|  | vii. Total Principal Collections |  | s | 2,195,234,35 |
| B. | Student Loan Non-Cash Principal Activity |  |  |  |
|  | Principal Realized Losses - Claim Write-Offs |  | \$ | 208.99 |
|  | Principal Reilized Lossess - Other |  |  | 222.73 |
|  | Capitaized Interest |  |  | (162,974.80) |
|  | Total Non-Cash Principal Activity |  | s | (162,543.08) |
| c. | Student Loan Principal Additions |  |  |  |
|  | $\begin{array}{ll}\text { i. } \\ \text { ii. } & \text { New Loan Adaditions } \\ \text { Total Principal Additions }\end{array}$ |  | s | ${ }_{(46,135.03)}^{(46.13)}$ |
| D. | Total Student Loan Principal Activity (Avii $+\mathrm{Bv}+\mathrm{Ciii}$ |  | s | 1,986,556.24 |
| E. | Student Loan Interest Activity |  |  |  |
|  | Reguar Interest Collections |  | s | 502,962.41 |
|  | Ititesest Cliams Received from Guarantors Late Fees \& Other |  |  | $14,467.03$ $5,096.69$ |
|  | iv. Interest Repurchases/Reimbursements by Sericer |  |  | , |
|  | $v . \quad$ Interest Repurchases/Reieibursements by Seller |  |  |  |
|  |  |  |  | 17,323.22 |
|  | vii. $\begin{aligned} & \text { vil } \\ & \text { ix }\end{aligned}$ |  |  | (53.23) |
|  | Interest Benefit Payments Total Interest Collections |  | s | ${ }_{533,846.55}$ |
| F. | Student Loan Non-Cash Interest Activity |  |  |  |
|  | Interest Losses - Claim Write-offs |  | s | 4,729.29 |
|  | Other Adjustments |  |  | (787,167.76) |
|  | Capitalized Interest |  |  | 162,974.80 |
|  | Total Non-Cash Interest Adjustments |  | s | (619,463.67) |
| ¢. | Student Loan Interest Additions |  |  |  |
|  | i. New Loan Additions <br> ii. Total Interest Additions |  | s | ${ }_{(6,020.06)}^{(6,006)}$ |
| н. | Total Student Loan Interest Activity (Ex+Fv+Gii) |  | s | (85,637.18) |
| ${ }^{\mathrm{j}}$. | Defauts Paid this Quarter (Aiit Eii) Cumulative Defauls Paid to Date |  | s | $408,974.62$ $(38,114,068.75)$ |
| к. | Interest Expected to be Capitalized Interest Expected to be Capitaized - Beginning (III - A-ii) <br> Interest Capitalized into Princiial During Collection Period (B-v) <br> Change in Interest Expected to be Capitalized <br> III - A-ii) | 4/30/2019 | \$ | $\begin{gathered} 275,155.42 \\ (162,974.80) \\ 204,003.62 \\ \hline \end{gathered}$ |
|  |  | 7/312019 | s | 316,184.24 |


| V. Cash Receipits tor the T Time Period |  | 51/19.773119 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| A. | Pincicipal Collections iil iiv iv: vi. | Principal Payments Received - Cash Principal Receved from Loans consolidated <br> Principal Receved from Loans Consolidated Principal Payments Received - Servicer Repurchases/Reimbursements <br> Principal Payments Received <br> Total Principar Coliections | s | $1,826,928.08$ $368,306.27$ 2,195,234.35 |
| 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 | $517,429.44$ $17,323.22$ $(2.80)$ <br> $\begin{array}{r}5,096.69 \\ \hline 539,846.55\end{array}$ |
| c. | Other Rembursements |  | $s$ |  |
| -. | Investment Earings |  | $s$ | 13,68.83 |
| E. | Total Cash Receipits durin | ing Collection Period | s | 2,78,766.73 |



| Wateralal or olistrib |  |  |  |  | niming |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A. | Toail Avalibue Funds For Distribuition | s | ${ }_{\text {2, }}^{\text {Shef,516.62 }}$ | s | ${ }_{\text {2,560,516.62 }}$ |
| в. | Anvual Survilince Fee - AES \& S P P | s | 25,879.93 | s | 2.538,609.69 |
| c. | Tustee Feelsale Deposit Fees | s | 1.665 .23 | s | 33,975.46 |
| D. | Seriving Fee | s | 25,25, 19 | s | 2,511,76.27 |
| E. | Administration Fee | s | 2.525.92 | s | 2.509, 190.35 |
| F. | Department Reabat Fund | s | (38,24.90) | s | 2,547, 431.25 |
| ¢. | Monthy Reabate Fees | s | 54.023 .31 | s | 2,493,00.94 |
| н. | Interest Payments on Notes | s | 444,805.67 | s | 2.048,03.27 |
| . | Resereve Fund deposits | s |  | s | 2,048,003,27 |
| Ј. | Principal Distribution Amount Class A-1 Class A-2 |  | 1,944.527.42 | s |  |
| к. | Caryover Adninistation and Senvicing Fees | $s$ | - | s | 103,075.55 |
| L. | Additional Principal Class A-1 Class A-2 | $\frac{5}{5}$ | $\begin{aligned} & 103.075 .85 \\ & \hline \end{aligned}$ | s | 103,075.85 |




| X. Portfolio Characteristics by School and Program as of 7/312019 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Loan Type | wac | WARM | Number of Loans | Principal Amount | \% |
| Consolidation - Subsidized | ${ }^{4.911 \%}$ | ${ }^{142}$ | 3,019 | ${ }^{24,681,259.989}$ | 41.32\% |
| Consolidation - Unsubsidized | 5.441\% |  |  | 34,941,039.58 | 58.50\% |
| Stafford Subsidized | 5.52\%\% | 139 |  | 48,138.00 | 0.08\% |
| Stafford Unsubsidized | 5.033\% | 153 | 16 | 48,057.64 | 0.08\% |
| PLUS Loans | 5.460\% | 49 | 2 | 7,714.46 | 0.01\% |
| Total | 5.22\% | 155 | 6,345 | \$ 59,726,209.66 | 00.00\% |
| School Type |  |  |  |  |  |
| 4 Year College | 5.131\% |  | 4,925 \$ | \$ 48,490,807.62 | 81.19\% |
| Graduate "*' | 0.000\% | 0 |  |  | 0.00\% |
| Propietary, Tech, Vocational and Other | 5.658\% $5.550 \%$ | 164 151 15 | ${ }_{730}^{690}$ | $6.585,805.36$ <br>  <br> 4 | 11.03\% |
|  |  |  |  |  |  |
|  |  |  |  |  |  |


| XI. Servicer Totals |  |  |
| :--- | :--- | :--- |
| $\$$ | $59,726,2096$ | Monela |
| $\$$ |  |  |
| $\$$ | $59,726,2096$ |  |



## XII. Collateral Tables as of 7/31/2019 (continued from previous page)

| Distribution of the Student Loans by Borrower Payment Status |  |  |  |
| :---: | :---: | :---: | :---: |
| Payment Status | Number of Loans | Principal Balance | Percent by Principal |
| Repay year 1 |  |  | 0.00\% |
| REPAY YeAR 2 |  |  | 0.00\% |
| REPAY YeAR 3 | 0 |  | 0.00\% |
| REPAY YEAR 4 | 6,345 | 59,726,209.66 | 00\% |
| Total | 6,345 | 59,726,209.66 | 100.00\% |
| Distribution of the Student Loans by Range of Principal Balance |  |  |  |
|  |  |  |  |
| S499.99 OR LESS | 334 | 88,458.62 | 0.15\% |
| \$500.00 TO \$999.99 | 360 | 267,949.26 | 0.45\% |
| \$1000.00 TO \$1999.99 | 758 | 1,134,532.77 | 1.90\% |
| \$2000.00 TO \$2999.99 | 639 | 1,582,779.13 | 2.65\% |
| \$3000.00 TO \$3999.99 | 476 | 1,655,905.13 | 77\% |
| \$4000.00 TO \$5999.99 | 832 | 4,102,987.83 |  |
| \$6000.00 TO \$7999.99 | 606 | 4,215,993.14 | 706\% |
| \$8000.00 To \$9999.99 | 474 | 4,259, 104.63 | 7.13\% |
| \$10000.00 To \$14999.99 | 743 | 9,128,800.58 | 15.28\% |
| \$15000.00 To \$19999.99 | 420 | 7,262,290.40 | 12.16\% |
| \$20000.00 TO \$2499.99 | 244 | 5,421,792.73 | 9.08\% |
| \$25000.00 то \$29999.99 | 127 | 3,468,107.20 | 5.81\% |
| \$30000.00 TO \$34999.99 |  | 3,038,903.51 | 5.09\% |
| \$35000.00 T0 \$39999.99 | 52 | 1,930,322.95 | 23\% |
| \$40000.00 T0 \$449999.99 | ${ }^{42}$ | 1,787,277.47 | 2.99\% |
| \$45000.00 T0 \$49999.99 | 30 | 1,422,461.34 | 2.38\% |
| \$55000.00 T0 \$54999.99 | ${ }^{15}$ | 794,149.42 | ${ }^{1.33 \%}$ |
| \$55000.00 To \$599999.99 | 12 | 690,560.39 |  |
| \$60000.00 To \$649999.99 | 21 | 1,306,831.22 | 2.19\% |
| \$65000.00 T0 \$699999.99 | ${ }^{16}$ | 1,063,8414.22 | 1.78\% |
| \$70000.00 T0 \$74999.99 | 9 | ${ }^{652,416.27}$ | ${ }^{\text {1.09\% }}$ |
| \$75000.00 T0 \$79999.99 | ${ }_{6}$ | ${ }^{462,864.38}$ | ${ }^{0.777 \%}$ |
|  | ${ }_{7}^{4}$ | 328,225.01 610.694 .94 | $0.55 \%$ $1.02 \%$ 10, |
| S900000.00 AND GREATER | 25 | 3.04,087.12 | 5.11\% |


| Days Delinque |  | Prinina Brance | Perce |
| :---: | :---: | :---: | :---: |
|  | 6.998 | ${ }_{\text {a }}$ | Percent by Principal |
| 31 to60 | 79 | 1,038.80. 18 | 1.74 |
| 61 to 90 | 49 | 502,431.24 | 0.84\% |
| 91 to 120 | 35 | 531,112.10 | 0.89\% |
| 121 and Greater | 84 | 1,028,019.27 | 1.72\% |


| 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\% | 934 | 7,382,386.92 | 12.36\% |
| 3.00\% TO 3.49\% | 166 | 1,660,714.11 | 2.78\% |
| 3.50\% TO 3.99\% | 58 | 988,157.16 | 1.65\% |
| 4.00\% TO 4.49\% | 70 | 893,879.07 | 1.50\% |
| 4.50\% T0.4.9\% | 2,183 | 16,965,606.27 | 28.41\% |
| 5.00\% TO 5.49\% | 1,355 | 10,435,108.62 | 17.47\% |
| 5.50\% TO 5.99\% | 259 | 3,741,989.15 | 6.27\% |
| 6.00\% TO 6.49\% | 409 | 4,852,276.45 | 8.12\% |
| 6.50\% TO 6.99\% | 298 | 3,775,499.54 | 6.32\% |
| 7.00\% TO 7.49\% | 453 | 5,892,413.08 | 87\% |
| 7.50\% T0 7.99\% |  | 01 | 7\% |
| 8.00\% TO 8.49\% | 110 | 1,868,480.86 | 3.13\% |
| 8.50\% TOO $8.99 \%$ | 0 |  | 0.00\% |
| 9.00\% OR GREATER | ${ }_{6}^{6,345}$ | 59, ${ }^{\text {,226,20, } 20.66}$ | 100.05\% |

## 

1 MONTHLIBOR
91 DAY T-BLLL INDEX


| nent Date | Num | Principal Balance | Percent by Principal |
| :---: | :---: | :---: | :---: |
| POST-OCTOBER 1 |  |  | 0.01\% |
| PRE-APRLIL 1, 2006 | 5 | 8,290.56 | \% |
| PRE-OC |  |  |  |
| BER 1,2007 | 4,506 | $\xrightarrow{44,383,296.71}$ | $\xrightarrow{74.31 \%} 1$ |



VIC\&D Reffect Senvicing and Admin fees for Apritispaid in May). May (paid in June) and June
VII WATERFALL Reflects Sevivicing and Admin Fees Accrued for Jul to be paid August 26tin.

