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1. Principal Parties to the Transaction
\begin{tabular}{ll} 
1ssuing Entity & Higher Education Loan Authority of the State of Missouri \\
Servicers & Higher Education Loan Authority of the State of Missouri and as backup senicer Pennsylvania Higher Education Assistance Agency \\
Adminstrator & Higher Education Loan Authority of the State of Missouri \\
Trustee & US Bank National Association
\end{tabular}
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II. Explanations / Definitions / Abbreviations

Cash Flows
Record Date
Claim Write-Offs
Principal Shortfall
Parity Rati
Total Note Factor!
Note Pool Factor

## III. Deal Parameters




| A. | Principal Collections |  | \$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Prinipal Payments Received - Cast |  | 621,682.61206,876.97 |
|  | ${ }^{\text {ii. }}$ | Principal Received from Loans Consolidated |  |  |
|  | iii. | Principal Payments Received- Sericer Repurchases/Reimbursements |  |  |
|  | v. | Principal Payments Received- - Seller Repurchases Reimbursements Total Principal Collections |  | 828,559.58 |
| B. | Interest Collections |  |  |  |
|  |  | ${ }^{\text {Interest Payments Received- - Cash }}$ In | \$ | 124,705.72 |
|  |  | Interst Received from Loans Consolidated |  | 8,975.08 |
|  | iii. | Interest Payments Received - Special Allownce and Interest Benefit Payments |  |  |
|  |  | Interest Payments Received - Senicer RepurchasessReeimursements |  |  |
|  | vi. | Late $e$ ees \& O Other |  | 1,559.02 |
|  | vii. | Total Interest Collections | s | 135,239.82 |
| c. | Other Reimbursements |  | s | - |
| D. | Investment Earnings |  | s | 6,901, |
| E. | Total Cash Receipts during Collection Period |  | s | 970,700.84 |

V. Cash Payment Detail and Available Funds for the Time Period


| VII. Waterfall for Distribution |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | RemainingFunds Balance |  |
| A. | Total Avalable Funds For Distribution |  |  | s | 930,903.26 |
| B. | Joint Shaing Agreement Payments, repurchases, misc wire receipt | \$ | - | s | 930,903.26 |
| c. | Trustee Fee | \$ | 2,211.84 | s | 928,691.42 |
| D. | Senior Senicing Fee | \$ | 34,629.32 | s | 899,062.10 |
| E. | Senior Administraion Fee | \$ | 2,473.52 | s | 891,588.58 |
| F. | Department Rebate Fund | \$ | 74,176.66 | s | 817,411.92 |
| G. | Monthly Rebate Fees | \$ | 3,567.49 | s | 813,844.43 |
| н. | Interest Payments on Notes | \$ | 118,883.16 | s | 694,961.27 |
| 1. | Reserve Fund Deposits | \$ | - | s | 694,961.27 |
| J. | Principal Distribution Amount | 5 | 694,961.27 | s | - |
| к | Subordinate Administration Fee | \$ | 4,947.05 | s | (4,947.05) |
| L | Carryover Senicing Fees | \$ | . | s | (4,947.05) |
| M | Additional Principal to Noteholders |  |  | s | (4,947.05) |



| 1X. Portfolio Characteristics |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ${ }_{9 / 3012019} \quad$ WAC ${ }_{\text {10/312019 }}$ |  | Number of Loans |  | WARM |  | Principal Amount |  | 9/3012019 |  |
| Status |  |  | 9/3012019 | 101312019 | 9/3012019 | 10/31/2019 | 913012019 | 10/31/2019 |  | 101312019 |
| Interim: |  |  |  |  |  |  |  |  |  |  |
| Subsidized Loans | 6.501\% | 6.627\% | ${ }^{23}$ | 21 | 155 | ${ }^{153}$ | ${ }_{\text {9 }} 900.620 .73$ | \$87,160.73 | 0.15\% | 0.15\% |
| Unsubssidized Loans | 6.491\% | 6.568\% | 14 | 15 | 159 | 156 | ${ }_{\text {\$43,573.44 }}$ | ${ }_{558,078.44}$ | 0.07\% | 0.10\% |
| Subsidized Loans | 6.593\% | ${ }^{6.402 \%}$ | 13 | 16 | 123 | ${ }^{123}$ | \$46,305.91 | \$54,265.91 | 0.08\% | 0.09\% |
| Unsubsidized Loans | 6.507\% | 6.321\% | , | 6 | 124 | 119 | \$37,366.43 | \$22,861.43 | 0.06\% | 0.04\% |
| Total Interim | 6.52\% | 6.525\% | 57 | 58 | 144 | 143 | \$217,866.51 | \$222,366.51 | 0.37\% | 0.38\% |
| Repayment |  |  |  |  |  |  |  |  |  |  |
| ${ }_{\text {Active }}^{\text {O.30 Days Delinquent }}$ | 6.225\% | 6.212\% | 11,309 | 11,359 |  | 157 | \$42,018,032.44 | \$42,799,033.90 | 70.69\% | 72.89\% |
| ${ }^{31-60}$ Days Delinquent | 6.514\% | 6.668\% | ${ }_{164}^{274}$ | 353 126 |  | ${ }_{141}^{147}$ | \$1,376,211.81 | \$1,630,097.33 | ${ }^{2.32 \% \%}$ | 2.78\% |
| ${ }^{61-90}$ Days Delinquent | ${ }^{6.4219 \%}$ | 6.668\% | 161 | ${ }_{126}^{126}$ | 138 | 161 | \$810,774.49 | \$681,983.19 | ${ }^{1.36 \%}$ | 1.16\% |
| 91-120 Day Deinguent |  |  | 107 112 | 125 <br> 88 | 141 118 18 | 135 125 1 | S497,994.67 S426,20.26 | ${ }_{\substack{\text { S } \\ \$ 3975,360.365 .51}}^{\text {S }}$ | ${ }_{0}^{0.84 \%} 0$ | - ${ }_{\text {1.64\% }}$ |
| 151-180 Days Delinquent | 6.384\% | 6.178\% | ${ }_{97}$ | ${ }_{62}$ | 156 | 119 |  | \$ ${ }_{\text {S20, }}^{\text {S }}$ | ${ }_{0}^{0.74 \%}$ | 0.88\% |
| $181-210$ Days Deiliquent | 6.088\% | 5.896\% | 51 | 75 | 119 | 154 | \$196,103.07 | \$323,836.58 | 0.33\% | 0.55\% |
| $211-240$ Days Delinquent | 6.345\% | 6.013\% | 75 | ${ }^{43}$ | 148 | ${ }_{116}$ | S347, 101.88 | \$1160,652.04 | 0.55\% | 0.27\% |
| 241-270 Days Delinguent $271-300$ Days Deincuent | 朗.588\%\% | 6.3086\% | ${ }_{20}^{30}$ | ${ }^{56}$ | 164 <br> 162 <br> 1 | 135 | \$129,202.54 | \$253,433000 | -0.22\% | - |
| >300 Days Deiliguent | 4.921\% | 4.9221\% | ${ }_{5}^{2}$ | 5 | 62 | 61 | \$11,889.55 | \$11,80900 | - 0 | 0.02\% |
| Deferment |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unsubsidized Loans | 6.38\%\% | 6.360\% | 526 | 528 | 165 | 166 | \$2,534,77.91 | \$2,567,56,34 | - ${ }^{4.26 \%}$ | - ${ }_{\text {4.30\% }}$ |
|  |  |  |  |  |  |  |  |  | 0.00\% |  |
| Subsidized Loans Unsubsidized Loans | $6.035 \%$ $6.815 \%$ | $6.248 \%$ $6.880 \%$ | $\begin{aligned} & 697 \\ & 629 \\ & 629 \end{aligned}$ | 521 470 | 154 185 | 157 <br> 186 | \$2,606,754.88 \$4,798,257.87 | $\$ 2,159,445.84$ $\$ 3,812,04177$ | - ${ }_{\text {4.3.07\% }}$ | 㐌.689\%, |
| Total Repayment | 6.272\% | 6.268\% | 14,768 | 14,511 |  | 158 | 558,439,868.09 | \$57,799,646.26 | 98.32\% | 98.44\% |
| Claims in Process | 6.199\% | 6.463\% | 129 | 143 | 165 | 152 | \$783,058.79 | \$692,898.59 | - $1.32 \%$ | - $1.1 .18 \%$ |
| Grand Total | 6.27\% | 6.27\% | 14,954 | 14,712 | 157 | 158 | \$59,440,793.39 | \$58,714,911.36 | 100.00\% | 100.00\% |


| Loan Type | 54210 | 177 | 109 | cipal Amount | $271 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Consolidation - Subsidized Consolidation - Unsubsidized | 5.355\% |  | ${ }_{109}^{109}$ | ${ }^{1,5991,495.04}$ | $2.71 \%$ $381 \%$ |
|  | 6.039\% | ${ }_{141}^{209}$ | 8,087 | ${ }_{\text {2, }}^{2,150,310.86}$ | 3.43\% |
| Stafford Unsubsidized | 6.05\%\% | 172 | 5,894 | 25,264,777.20 | 43.03\% |
| PLUS Loans | 8.146\% | 58 | 513 | 6.471,704.56 5877149136 | 11.02\% |
| Total |  | ${ }^{58}$ | 14,712 | 58,714,911.36 | 100.00\% |
| School Type |  |  |  |  |  |
| 4 Year College | 6.32\% |  | 10,358 | 41,937,763.52 | 71.43\% |
|  | 0.000\% |  |  |  | 0.00\% |
| Propieita, Tech, Vocational and Other | 6.111\% | 174 | 2,007 | 9,502,114.24 | 16.18\% |
| 2 Yearcoliege | 6.160\% | ( |  |  |  |
| Total |  |  |  |  |  |

$\cdots$ Category changed from "Unidentified" to "Graduate". Unidentified included in "Propietor, Tech, Vocational, \& Other"


\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{4}{|l|}{Distribution of the Student Loans by Guarantee Agency} <br>
\hline Suarantee Agency \& Number of Loans \& Principal Balance \& Percent by Principal <br>
\hline 705 －SLGFA \& 0 \& \＄－ \& 0．00\％ <br>
\hline 706－CSAC \& 169 \& 951，153．13 \& 1．62\％ <br>
\hline 708 －CSLP \& 5 \& 19，361．69 \& 0．03\％ <br>
\hline ${ }^{712}$－FGLP \& 1 \& 4，4292．35 \& 0．01\％ <br>
\hline $7_{717-118 A C}$ \& 420 \& 1，174，755．07 \& 2．00\％ <br>
\hline ${ }_{7219}^{719}$－${ }^{\text {KHEA }}$ \& ${ }_{352}$ \& \& 号．00\％ <br>
\hline 721－KHEAA \& 352

29 \& $1,562,370.82$
$85,480.93$ \& － $2.68 \%$ <br>
\hline  \& 29 \& 85，480．93 \& 0．15\％ <br>
\hline \& 284 \& 238 \& ${ }^{2.11 \%}$ <br>
\hline ${ }_{\text {726－MHEAA }}$ \& ${ }_{0}$ \& 1，236，223．73 \& 0．00\％ <br>
\hline 729－MDHE \& 8，272 \& 29，671，025．92 \& 50．53\％ <br>
\hline 730 －MGSLP \& \& \& 0．00\％ <br>
\hline  \& 1，357 \& 6，602，717．24 \& 11．25\％ <br>
\hline 73 －NJHIGHER ED \& \& 29，626．99 \& ${ }^{0.05 \%}$ <br>
\hline  \& ${ }_{19}^{277}$ \& 1， 1271.127 .370 \& 2．1．2\％ <br>
\hline 7410 OAC \& 0 \& \& 0．00\％ <br>
\hline 742－－PHEAA \& 21 \& 27，308．47 \& 0．47\％ <br>
\hline  \& ${ }_{0}^{0}$ \& \& －0．00\％ <br>
\hline ${ }^{\text {747－}}$ 74AC \& \& \& 0．00\％ <br>
\hline 748 －TGSLC \& 804 \& 3，144，124．52 \& 5．35\％ <br>
\hline ${ }_{751 \text {－ECMC }}$ \& 0 \& \& 0．00\％ <br>
\hline ${ }^{\text {7 }}$ 753－NELA \& ${ }_{1623}$ \& \& 00\％ <br>
\hline 155－GLAEC \& 1，623 \& 7，322，986．31 \&  <br>
\hline $836-$ USAF \& 0 \& \& 0．00\％ <br>
\hline \multirow[t]{3}{*}{$951-\mathrm{ECMC}$} \& 433 \& ${ }^{2,072} \mathbf{0}$ ，283．66 \& 3．53\％ <br>
\hline \& 644 \& 3，170，256．72 \& 5．40\％ <br>
\hline \& 14.712 \& \＄58，714，911．36 \& 100．00\％ <br>
\hline \multicolumn{4}{|l|}{Distribution of the Student Loans by \＃of Months Remaining Until Scheduled Maturity} <br>
\hline Number of Months \& Number of Loans \& Principal Balance \& Percent ty Principal <br>
\hline ${ }^{0} \mathrm{OTO23}$ \& ${ }^{1,562}$ \& 1，085，483，34 \& 1．85\％ <br>
\hline \& ${ }_{839} 93$ \& $1,244,686.15$
1,717593 \& 2．43\％ <br>
\hline ${ }^{368 \text { ¢0 }} 59$ \& 839
679 \& ${ }^{1,1,416,951.49}$ \& ${ }_{\text {2，}}^{2.75 \%}$ <br>
\hline ${ }^{609} 7$ \& 577 \& 1，547，753，53 \& 2．64\％ <br>
\hline \& \& ${ }^{1,639,344.62}$ \& 2．79\％ <br>
\hline  \& 532
500 \& 2，${ }_{2}$ \& ${ }_{3}^{3.75 \%}$ <br>
\hline 108 TO 119 \& ${ }_{7}^{627}$ \& 2，874，262．33 \& 4．90\％ <br>
\hline \& \& 2，938，749．31 \& 5．01\％ <br>
\hline －144 TO 145 \& ${ }_{988}$ \& ${ }_{4}^{4.825 .859 .41}$ \& （7．422\％ <br>
\hline ${ }^{1566 T O} 167$ \& 1，181 \& 5，439，855．94 \& 9．26\％ <br>
\hline 168 TO 179 \& 1，151 \& ${ }_{\text {5，}}^{5,335,779.41}$ \& ${ }^{8.92 \%}$ <br>
\hline － 1802 TO 2031 \& 650
556 \& 3，704，54．87 \& ${ }_{5}^{6.31 \%}$ <br>
\hline －204T0215 \& ${ }_{394}^{596}$ \&  \& ${ }_{4.40 \%}^{5.4}$ <br>
\hline 216 To 227 \& 310 \& 2，295，328．17 \& 3．91\％ <br>
\hline  \& ${ }_{173}^{262}$ \& 1，769，678．81 \& 3．01\％ <br>

\hline ${ }^{2452 \mathrm{TO} 263}$ \& ${ }_{124} 17$ \& | $1,244,102.96$ |
| :--- |
| $1.223,360.47$ | \& ${ }_{\text {2，}}^{2.12 \% \%}$ <br>

\hline 264 TO 275 \& 104 \& 708，583．11 \& 1．21\％ <br>
\hline 276 Tо 287 \& 58 \& $510,950.49$ \& 0．87\％ <br>
\hline  \& 30 \& 208，695．93 \& 0．36\％ <br>
\hline ${ }^{312 \text { TO }} 323$ \& 20 \& ${ }^{2859950954}$ \& 源 <br>
\hline ${ }_{324 \mathrm{TO} 335}$ \& 11 \& 209，409．24 \& 0．12\％ <br>
\hline ${ }^{3364 \text { TO } 347}$ \& ${ }_{9}^{11}$ \& 743，600．28 \& － <br>
\hline 348 TO 360 \& 8 \& 71，368．81 \& 迷 <br>
\hline \multirow[t]{2}{*}{361 AND GREATER} \& 121 \& 951，828．14 \& 1．62\％ <br>
\hline \& 14.712 \& 58，714，911．36 \& 100．00\％ <br>
\hline
\end{tabular}




| Disbursement Date | Number of Loans | Pinicipal Balance | Percent by Princil |
| :---: | :---: | :---: | :---: |
|  | 20 | 38,331.25 |  |
| OCTOBER 1, 1993-JUNE 30, 2006 | ${ }_{5.552}$ | 17,201,976.63 | 29.30\% |
| JULY 1,2006 - PRESENT | 9,140 | 41,474,603.48 | 70.64\% |
| Total | 14.712 S | 58,714,911.36 | 100.00\% |


| Distribution of the $S$ Allowance Payment) |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Disbursement ${ }^{\text {ale }}$ | ans | Pincipar Baance | Percent by Principal |
| -october 1 | 2,179 | 7,750,1 |  |
| PRE--CCTOBER 1, 1993 | 5,369 |  |  |
| PRE-OCTOBER 1, 2007 | ${ }^{20}$ | 51.25 | 58.28 |
|  | 14.71 | 1.36 |  |


.-. Revised Annual Cumulative CPR to only include last 12 periods or annualize if less than 12 periods

