## Attendance Audit Report (Missouri) <br> Last Modified on 05/31/2024 10:04 am CDT

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The Missouri Attendance Audit Report is used to audit the attendance data for those students who are included in the MOSIS Enrollment and Attendance Extract. It is an aggregated summary by grade level of student attendance information that has occurred within the selected time frame.

Student information is not included in the Summary Report type; however, the Student Summary and Detail Summary report types do include student names and state IDs.

Four report types are provided:

- Summary
- Student Summary
- Detail
- Calendar


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## Q Search for a tool or student

## Attendance Audit Report $\rightsquigarrow$

Attendance > Reports > Attendance Audit Report

## Missouri Attendance Audit Report

This report prints student attendance detail within a date range. The MO Attendance Audit Report will be used to audit the MOSIS Student Enrollment and Attendance extract.

$\square$ Include State Excluded Students

Attendance Audit Report Editor

## Report Logic

Each student with attendance data and an enrollment in the selected calendar(s) that is not flagged as state exclude or no show will report.

Average Daily Attendance (ADA) is calculated based on the student's enrollment dates, course schedule and present minutes that take place within the date range entered on the report editor. When the enrollment start and end dates are beyond the entered date range on the report editor, ADA is calculated for just the entered date range.

The Virtual Attendance calculation is part of the Present Hours value, which is then added to the Membership Hours (present hours + absent hours = membership hours). Absent hours are not included as they are not applied to virtual courses.

## Attendance Calculations

For attendance reporting used in MOSIS Extracts, the following calculations are used to determine a student's total hours attended for a selected calendar.

Different calculations are used when the student is scheduled into a virtual course. Additional calculations are used when a school or district adjusts learning options for students because of quarantine restrictions, Blended Learning accommodations and Distance Learning structures.

Regular Hours Attended and Regular Hours Absent are reported on the MOSIS Student Enrollment and Attendance Extract and the Attendance Audit Report.

The value reported in the Present hours, Regular Hours Absent and Remedial Hours Attended fields on the Attendance Audit Report should match the values returned on the Student Enrollment and Attendance Extract:

- The Present Hours value on the Attendance Audit Summary must equal the sum of the Regular Hours Attended value and the Remedial Hours Attended value on the MOSIS Student Enrollment and Attendance report.
- The Absent Hours value on the Attendance Audit must equal the Regular Hours Absent value on the MOSIS Student Enrollment and Attendance > Regular Hours Absent.
- The Membership Hours value must equal Present and Absent hours on the Attendance Audit report.
- The Membership Hours value on the Attendance Audit Report must equal Regular Hours Attended, Regular Hours Absent and the Remedial Hours Attended values on the MOSIS Student Enrollment and Attendance report.

The State Reporting Enrollment editor contains a Regular Hours Attended field and a Regular Hours Absent field, which indicates the number of hours the student has spent in attendance or being absent in the district. The value entered into these fields reports ONLY when there is no actual attendance or absent hours to calculate for the student.


Enrollment Fields for Regular Hours Attended, Regular Hours Absent

## Regular Hours Attended

- Click here to expand..


## Regular Hours Absent

- Click here to expand..


## Virtual Course Attendance Calculation

- Click here to expand...


## Quarantine, Distance and Blended Learning Attendance Calculation

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- Click here to expand..
}


## Competency Based Attendance Calculations

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## Report Editor

The following defines the different options available on the report editor.
$\left.\begin{array}{|l|l|}\hline \text { Field } & \text { Description } \\ \hline \begin{array}{l}\text { Student } \\ \text { Selection }\end{array} & \begin{array}{l}\text { Students can be chosen by Grade Level or an Ad hoc Filter. All students can } \\ \text { also be selected. }\end{array} \\ \hline \begin{array}{l}\text { Date } \\ \text { Range }\end{array} & \begin{array}{l}\text { Enter a Start Date and an End Date on which to return the attendance data. A } \\ \text { included in the extract when they meet other reporting requirements. } \\ \text { start date is not required, but generating the report this way may increase } \\ \text { report generation time. It is advised that attendance data be reviewed on a } \\ \text { regular basis (by week, by month, etc.). }\end{array} \\ \hline \begin{array}{l}\text { Report } \\ \text { Type }\end{array} & \begin{array}{l}\text { Sates are entered in mmddyy format or can be chosen by clicking the calendar } \\ \text { icon. } \\ \text { - When the Summary Report Type is selected, the user also needs to } \\ \text { determine when remedial hours are to be included in the ADA calculation. } \\ \text { When yes, mark the Include Remedial Hours in ADA Calculation } \\ \text { checkbox. }\end{array} \\ \hline \text { - When the Student Summary Report Type is selected, the user also } \\ \text { needs to determine when remedial hours are to be included in the ADA } \\ \text { calculation. When yes, mark the Include Remedial Hours in ADA } \\ \text { Calculation checkbox. }\end{array}\right\}$

| Field | Description |
| :--- | :--- |
| Include <br> State <br> Excluded <br> Students | When selected, students marked as state exclude will be reported. This applies <br> to: <br> - Students marked as State Exclude on their enrollment records. <br> - Students enrolled in a grade level marked as state exclude |
| When the Calendar Report Type is selected, this option is not available. |  |

## Generate the Attendance Audit Report

1. Select the students to include in the report by selecting either a Grade Level or an Ad hoc Filter.
2. Enter the Date Range of the report.
3. Select the desired Report Type - Summary, Student Summary, Detail or Calendar.
4. When generating the Summary Report, select the Include Remedial Hours in ADA Calculation checkbox to include that information in the average daily attendance value.
5. When generating the Detail Report, select the desired Sort Order.
6. Select the Format Type of the report.
7. Mark the Include State Excluded Students checkbox to include students marked as state exclude in the report.
8. Select the Calendars to include in the report.
9. Click the Generate Report button to build the report immediately.
10. Click the Submit to Batch button to build the report at a later time.

The report will display in the selected format. Sample images for each report type in PDF format and report layout information follows.

## Report Layouts

Summary Report Layout | Student Summary Report Layout | Detail Report Layout | Calendar Report Layout

## Summary Report Layout

The following reports in the Header section:

- Selected School and Calendar
- Selected Grade Levels
- Academic Year
- Total number of days based on the dates entered in the Date Range fields
- Total number of Instructional days based on the dates entered in the Date Range fields
- Total number of students with more than $90 \%$ present attendance
- Total number of students with less than $90 \%$ present attendance
- Percentage of Attendance Status
- Entered Date Range


Attendance Audit Report - Summary Type

| Data <br> Element | Description | Location |
| :--- | :--- | :--- |
| Grade | Grade levels included in the report. | Student Information > <br> General > Enrollments <br> $>$ Grade |
|  | Number of students enrolled in the school by grade <br> within the time frame specified. | Calculated, value not <br> Stored |
| Count | Numeric, 4 digits | Enrollment.grade |


| Data Element | Description | Location |
| :---: | :---: | :---: |
| Present <br> Hours | Number of total present hours by grade within the time frame specified. <br> See the Attendance Calculations section for information. <br> This number is an actual count of hours attended based on the student's course schedule and the summation of each scheduled day. <br> The total number of present hours cannot exceed the total Instructional Hours of the selected calendar. <br> Numeric, 9 digits | Calculated, value not stored |
| Absent Hours | The number of hours a student was marked absent based on the student's schedule by day. <br> See the Attendance Calculations section for information. <br> Numeric, 9 digits | Calculated, value not stored |
| Membership Hours | Total number of hours a student is scheduled to be in attendance by day. <br> The total number of membership hours cannot exceed the total Instructional Hours of the selected calendar. <br> Numeric, 9 digits | Calculated, value not stored |
| Remedial Hours | Number of total remedial hours for all students reported by grade based on the Remedial Hours field on the student's State Reporting Enrollment editor. <br> Numeric, 9 digits | Calculated, value not stored |


| Data Element | Description | Location |
| :---: | :---: | :---: |
| Present <br> Percent | The Present Percent calculation is based on the student's present minutes for the day divided by the student's scheduled instructional minutes for the day (membership minutes). It is not looking at the Calendar Periods Instructional minutes for the day. <br> Ex: 109.998/219.996 = . 50 Present percent <br> When a student only has two scheduled periods in a day with 6 schedule periods and the student misses one of the scheduled periods, the Present Percent could equal .50 while the ADA/ADM could equal .1451 (since it is looking at the potential minutes the student could be scheduled that day versus the student's actual membership minutes). <br> Numeric, 9 digits | Calculated, value not stored |
| ADA | Student's average daily attendance, using the calculation of Present Minutes divided by the Calendar Day's potential instructional minutes. <br> Calculation for R2 students = (Present Hours) / (Membership Hours by day) <br> Calculation for non-R2 students $=$ ((Attendance Hours* + Remedial Hours) / (number of students in grade level * total instructional hours in calendar)) * number of students in grade level <br> Remedial hours are only included in the ADA calculation when the Include Remedial checkbox is selected. <br> The Present Hours value in the calculation cannot exceed the total Instructional Hours of the selected calendar. <br> Numeric, 9 digits | Calculated, value not stored |


| Data <br> Element | Description | Location |
| :--- | :--- | :--- |
| ADM | Student's average daily membership. <br> Calculation $=$ <br> (Membership Minutes) / (Instructional hours in the <br> day) | Calculated, value not <br> stored |

A Total by District record is listed at the end of the Summary Report type, listing the following fields:

- Student Count
- Present Hours
- Absent Hours
- Membership Hours
- Remedial Hours
- Present Percent
- ADA
- ADM



## Student Summary Report Layout

The following reports in the Header section:

- Selected School and Calendar
- Selected Grade Levels
- Academic Year
- Total number of days based on the dates entered in the Date Range fields
- Total number of Instructional days based on the dates entered in the Date Range fields
- Entered Date Range
- Total count of students who have greater than or equal to 90\% Present Percentage
- Total count of students who have less than 90\% Present Percentage
- Attendance Status Percentage

Students are not included in this report when the enrollment record is marked as a No Show.

Students whose enrollment records start and end on the same date and have no courses on their schedule will not be counted in the Students with less than $90 \%$ Present Percent.

| INDEPENDENT SCHOOL DISTRICT <br> County: St. Louis <br> Site Number: 1050 Page 1 of 28 |  |  | Attendance Audit Report - Student SummaryABC HIGH SCHOOL (12-13 HIGH SCHOOL) Grade(s): 09101112Academic Year: $12-13$ Days: 17 Instructional Days: 17Date Range: $055 / 01 / 20133-05 / 23 / 2013$Students with $>=90 \%$ Present Percent:1292. Students with $<90 \%$ Present Percent: 662Attendance Status Percentage: 0.6612 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Student Name | State ID | Grade | Present Hours | Absent Hours | Membership Hours | Present <br> Percent | ADA |
| ABIGAIL ANN STUDENT | 1234567890 | 09 | 92.5833 | 5.5667 | 98.1500 | 94.3284 | 0.9433 |
| BRIAN STUDENT | 2345678901 | 10 | 89.6666 | 8.4833 | 98.1499 | 91.3568 | 0.9136 |
| CORY DEAN STUDENT | 3456789012 | 09 | 98.1499 | 0.0000 | 98.1499 | 100.0000 | 1.0000 |
| DAVID GEORGE STUDENT | 4567890123 | 12 | 65.8833 | 13.4500 | 79.3333 | 83.0462 | 0.6713 |
| EBONY MARIE STUDENT | 5678901234 | 09 | 93.7999 | 4.3500 | 98.1499 | 95.5680 | 0.9557 |
| FINNEGAN JAMES STUDENT | 6789012345 | 09 | 98.1499 | 0.0000 | 98.1499 | 100.0000 | 1.0000 |
| GIGI B STUDENT | 7890123456 | 10 | 98.1499 | 0.0000 | 98.1499 | 100.0000 | 1.0000 |
| HAROLD STUDENT | 8901234567 | 12 | 65.7833 | 13.5500 | 79.3333 | 82.9202 | 0.6702 |
| ISY MAY STUDENT | 90123456678 | 10 | 96.1499 | 2.0000 | 98.1499 | 97.9623 | 0.9796 |

Attendance Audit Report - Student Summary Type

| Data <br> Element | Description | Location |
| :--- | :--- | :--- |
| Student <br> Name | Reports the student's first and last names. | Census > People > <br> Demographics > Person <br> Information > Last Name, <br> First Name |
| Alphanumeric, 50 characters | Identity.firstName <br> Identity.lastName |  |
| State ID | Reports the student's state-assigned ID number. | Census > People > <br> Demographics > Person <br> Identifiers > Student State |
|  | Numeric, 10 digits | ID |


| Data Element | Description | Location |
| :---: | :---: | :---: |
| Present Hours | Number of total present hours by grade within the time frame specified. <br> See the Attendance Calculations section for information. <br> This number is an actual count of hours attended based on the student's course schedule and the summation of each scheduled day. <br> The total number of present hours cannot exceed the total Instructional Hours of the selected calendar. <br> When the student does not have any attendance records, this field reports blank. <br> Numeric, 9 digits | Calculated, value not stored |
| Absent Hours | The number of hours a student was marked absent based on the student's schedule by day. <br> When the student does not have any attendance records, this field reports blank. <br> Numeric, 9 digits | Calculated, value not stored |
| Membership Hours | Total number of hours a student is scheduled to be in attendance by day. <br> The total number of membership hours cannot exceed the total Instructional Hours of the selected calendar. <br> When the student does not have any attendance records, this field reports blank. <br> Numeric, 9 digits | Calculated, value not stored |


| Data Element | Description | Location |
| :---: | :---: | :---: |
| Present Percent | The Present Percent calculation is based on the student's present minutes for the day divided by the student's scheduled instructional minutes for the day (membership minutes). It is not looking at the Calendar Periods Instructional minutes for the day. <br> Ex: 109.998/219.996 = . 50 Present percent <br> When a student only has two scheduled periods in a day with 6 schedule periods and the student misses one of the scheduled periods, the Present Percent could equal . 50 while the ADA/ADM could equal 1451 (since it is looking at the potential minutes the student could be scheduled that day versus the student's actual membership minutes). <br> When the student does not have any attendance records, this field reports blank. <br> Numeric, 9 digits | Calculated, value not stored |


| Data Element | Description | Location |
| :---: | :---: | :---: |
| ADA | Student's average daily attendance, using the calculation of Present Minutes divided by the Calendar Day's potential instructional minutes. <br> Calculation for R2 students $=$ (Present Hours) / (Membership Hours by day) <br> Calculation for non-R2 students $=$ ((Attendance Hours* + Remedial Hours) / (number of students in grade level * total instructional hours in calendar)) * number of students in grade level <br> Remedial hours are only included in the ADA calculation if the Include Remedial checkbox is selected. <br> The total number of Present Hours used in the ADA calculation cannot exceed the total Instructional Hours of the selected calendar. <br> When the student does not have any attendance records, this field reports blank. <br> Numeric, 9 digits | Calculated, value not stored |

## Detail Report Layout

The following reports in the Header section:

- Student Name
- Selected School and Calendar
- Student's Grade Level, State ID and Enrollment Start Status
- Academic Year
- Total number of days based on the dates entered in the Date Range fields
- Total number of Instructional days based on the dates entered in the Date Range fields
- Entered Date Range
- Calculated Present Hours and Absent Hours
- FTE (Percent of Enrollment)
- Regular Hours Present
- Regular Hours Absent
- Hours in Session


| Data Element | Description | Location |
| :---: | :---: | :---: |
| Present Hours | The number of hours a student was scheduled to be in attendance minus the absent hours by day. This is reported in whole numbers but is calculated in minutes (then converted to hours). <br> See the Attendance Calculations section for information. <br> This number is an actual count of hours attended based on the student's course schedule and the summation of each scheduled day. When there is data in the Regular Hours Attendance field, this value reports. <br> Data from the Regular Hours Attended and Regular Hours Absent fields are summed into the current calculation. <br> The total number of present hours attended cannot exceed the total Instructional Hours of the selected calendar. <br> Numeric, (up to10 digits) ( $X X X X . X X X X$ ) | Student Information > General > Enrollment > State Reporting Fields > Regular Hours Attendance <br> Enrollment.regular <br> HoursAttendance |
| Absent Hours | The number of hours a student was marked absent based on the student's schedule by day. When Residency Status is NOT HS, this value must be greater than zero. When there is data in the Regular Hours Absent field, this value reports. <br> Data from the Regular Hours Attended and Regular Hours Absent fields are summed into the current calculation. <br> Numeric, 9 digits | Student Information > General > Enrollment > State Reporting Fields > Regular Hours Absent <br> Enrollment.regular HoursAbsent |


| Data Element | Description | Location |
| :---: | :---: | :---: |
| Membership Hours | Total number of hours a student is scheduled to be in attendance by day. <br> When the State Aid Category is not R2: Resident II, data for Regular Hours Present and Regular hours Absent fields is summed and reported. When there is no data to calculate in the current calculation, data from the Regular Hours Attended and Regular Hours Absent fields are summed into the current calculation. <br> When only one of the fields has data, it is reported from that field only. <br> The total number of membership hours attended cannot exceed the total Instructional Hours of the selected calendar. <br> Numeric, 9 digits | Student Information > General > Enrollment > State Reporting Fields > Resident 2 Hours in Session <br> Enrollment.Res2Hours inSession |
| Present Percent | The Present Percent calculation is based on the student's present minutes for the day divided by the student's scheduled instructional minutes for the day (membership minutes). It is not looking at the Calendar Periods Instructional minutes for the day. <br> Ex: 109.998/219.996 = . 50 Present percent <br> When a student only has two scheduled periods in a day with 6 schedule periods and the student misses one of the scheduled periods, the Present Percent could equal .50 while the ADA/ADM could equal .1451 (since it is looking at the potential minutes the student could be scheduled that day versus the student's actual membership minutes). <br> Numeric, 9 digits | Calculated, value not stored |


| Data Element | Description | Location |
| :--- | :--- | :--- |
| ADA | Student's average daily attendance, using <br> the calculation of Present Minutes divided <br> by the Calendar Day's potential <br> instructional minutes. | Calculated, value not stored |
|  | Calculation for R2 students $=$ <br> (Present Hours) / (Membership Hours by <br> day) <br> Calculation for non-R2 students = <br> (Present Hours) / (Instructional Hours in <br> the day) <br> The total number of present hours <br> used in the calculation cannot exceed <br> the total Instructional Hours of the <br> selected calendar. |  |
|  | Numeric, 9 digits |  |
| ADM | Student's average daily membership. | Calculated, value not stored. |
|  | Calculation = <br> (Present Hours) / (Instructional hours in <br> the day) |  |

## Calendar Report Layout

The following reports in the Header section:

- Selected School and Calendar
- Total number of Instructional days based on the dates entered in the Date Range fields
- Entered Date Range

| School District 026 County: Cole Site Number: 106 Page 1 of |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Day | Date | Instructional Minutes | Instructional Hours | Period Schedule |  |
| T | ${ }^{09101712020}$ | 396 | ${ }^{6.6000}$ | RS |  |
| W | -0910212020 | 396 396 | 6.6000 6.6000 | ${ }_{\text {RS }}^{\text {RS }}$ |  |
| F | 0990412020 | 396 | 6.6000 |  |  |
| ${ }_{\text {w }}{ }^{\text {w }}$ | -090882020 | 396 396 | ${ }_{6.6000}^{6.6000}$ | ${ }_{\text {RS }}^{\text {RS }}$ |  |
| T | 0991022020 | 396 | 6.6000 | RS |  |
| F | 09/1112020 | 396 | 6.6000 | RS |  |
| M | 0911412020 | 396 | 6.6000 | RS |  |
|  | 0911512020 | 396 | 6.6000 |  |  |
| $\stackrel{\text { W }}{\text { W }}$ | -0916162020 | 276 396 | 4.6000 6.6000 | $\underset{\text { RS }}{2 \text { 2RER }}$ |  |
| F | 0991812020 | 396 | 6.6000 | RS |  |
| ${ }_{\text {M }}$ | -09/21/2020 | 396 396 | 6.6000 6.6000 | ${ }_{\text {RS }}^{\text {RS }}$ |  |
|  | 09912312020 | 396 | ${ }_{6}^{6.60000}$ |  |  |
| F | 0912422020 $09 / 25 / 2020$ | 396 396 | 6.6000 6.6000 | RS RS |  |
|  |  | 396 | 66000 |  |  |
| $\stackrel{\text { T }}{ }$ | 0912912020 | 396 | 6.6000 | RS |  |
| $\underset{\text { Totals }}{\mathrm{W}}$ | $\underset{21}{0913012020}$ | 396 8196 | 6.6000 136.6000 |  |  |
| Attendance Audit Report - Calendar Type |  |  |  |  |  |
| Data Element | Description |  |  | Location |  |
| Day | One record for each day marked as both instructional and attendance for the selected calendar, sorted by date. <br> Alphanumeric, 1 character |  |  | Not stored |  |
| Date | Date of the day of the week based on the time frame specified within the calendar year. Only the dates within the date range entered on the extract editor will report. <br> Date field, 10 characters (MM/DD/YYYY) |  |  | Not stored |  |
| Instructional Minutes | Total ins time or being re <br> Duration minutes <br> Numeric | tional time ( instructional ed in minute <br> nutes report greater than <br> digits | cluding lunc for the day <br> duration | Calculated | not stored |
| Instructional Hours | Instructional minute value converted to hours and rounded to the nearest ten thousandth. |  |  | Calculated | not stored |


| Data Element | Description | Location |
| :--- | :--- | :--- |
| Period <br> Schedule | Lists the period schedule associated with <br> the calendar. | System Administration $>$ <br> Calendar > Calendar > Days <br> > Day Detail - Period <br> Schedule |
|  | Alphanumeric, 10 characters | Calendar.periods |

## Previous Versions

Attendance Audit Report (Missouri) [. 2307 and previous]


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