

# Attendance Days and Membership Days Calculations (MARSS B Minnesota)

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This document describes the calculation used to determine what value reports for the ATT\_DAY and MBR\_DAY fields in the [MARSS B Extract](#).

When using these instructions to verify attendance calculations, you must **go all the way through the logic** before determining the correct values. Don't stop when it seems like you've reached an answer. The term "working value" indicates how fields report based on where you are in the logic. This may not be the value reported in the end.

All fields references are found on the tab in Student Information > General > Enrollments, unless otherwise noted. Fields in Campus are indicated in *italics* and fields in the MARSS B extract are indicated in **bold**.

## When performing the calculation, start with the following values:

- **ATT**: null
- **MBR**: null
- **BEG**: null
- **END**: null
- **GRD**: *Grade*
- **AID**: *State Aid Category*
- **HOM**: *Homebound*

## Step 1: ADA and ADM Overrides

- If *Percent Enrolled*
  - IS 999 or 998 AND
    - *ADA Override* is null, working value is: **ATT** = 0.
    - *ADA Override* is not null, working value is **ATT** = *ADA Override*.
    - *ADM Override* is null, working value is: **MBR** = 0.
    - *ADM Override* is not null, working value is: **MBR** = *ADM Override*.
  - IS NOT 999 or 998, working values are: **ATT** = *ADA Override* and **MBR** = *ADM Override*

## Step 2 *Start/End Dates vs. Effective Date*

- If *Start Date* is after the extract Effective Date, working value is **BEG** = *Start Date*.
- If *Start Date* is before the extract Effective Date, working value is **BEG** = extract Effective Date.
- If *End Date* is after the extract Effective Date, working value is **END** = extract Effective Date.
- If *End Date* is before the extract Effective Date, working value is **END** = *End Date*.

## Step 3: Grade, Aid, and Minutes

- If *Percent Enrolled*
  - IS 999 or 998 AND
    - **GRD** is mapped to a
      - With a *Kindergarten Code* of B, working value is: **MBR** = number of instructional days the student is rostered between the student's *Start Date* and *End Date*.
      - With a *Kindergarten Code* that is not B, working value is: **MBR** = number of instructional days in the calendar between the student's *Start Date* and *End Date*.
    - **AID** and **HOM** fields
      - Report as 24 and Y, working value is: **ATT** = 00000
      - Report as other values, working value is: **ATT** = ATT multiplied by 10.
    - Either *Half Day Absence* or *Whole Day Absence* fields on the
      - ARE null and **ATT** is null, working value is: **ATT** = **MBR** minus absences in instructional periods, divided by the number of instructional periods.
      - ARE NOT null and **ATT** is null, working value is: **ATT** = **MBR** minus the sum of absent days between enrollment *Start* and *End Dates*, multiplied by 10.
        - If **ATT** is not null, *Percent Enrolled* is 999 or 998, and *ADA Override* is null, working value is: **ATT** = **MBR** minus the total absent minutes divided by 60, multiplied by 10.

## Step 4: Finishing Up

- If **AID**
  - IS 46, working values are: **ATT** = 00000 and **MBR** = 0000
  - IS NOT 46 and **MBR** is greater than the *Maximum Membership Days* entered on the that the student's enrollment grade is mapped to, working value is: *Max Membership Days*.
- If *Percent Enrolled* is not 999 or 998, *ADA Override* is null, **ATT** is greater than 0 and greater than the *Maximum Membership Days* multiplied by 10, then working value is: **ATT** = *Maximum Membership Days* multiplied by 10.
  - Otherwise, if **ATT** is greater than **MBR** and *ADA Override* is null, working value is: **ATT** = **MBR** multiplied by 10.