

Student Accountability Information System (SAIS) Architecture Overview

ADE: School Finance

SAIS

- System to process Student Level Data submitted to ADE by Districts
- SAIS Student DB via Student Detail System
- Integrity Checking Process
 - ❖ Rules regarding Student Personal & Membership
 - Errors may impact funding
- Aggregation Process
- Funding calculated / Report Generation

SAIS

SDDI File Upload

SAIS Online

Student
Accountability
Information
System

Student Details

Transaction

ADM Integrity

ELL Integrity

SPED Integrity

Concurrency

ADM Aggregation (SPED & ELL counts)

Limiting

ADM Push

ELL Calc

SPED Calc

Student
Counts

Counts Reports (ADM/SPED/ELL)

ADM

Average Daily Membership

- ADM is the fundamental data measure used to determine equalization funding for public schools (A.R.S. § 15-901)

Components of ADM

- FTE (Full Time Equivalency)
- Average Daily Attendance (ADA)
- Concurrency
- Limiting ADM

SMS

Local Student Management System

- Enter student profile information
 - Absences
 - FTE
 - Enrollment
 - Personal Information
 - Year End Status
- A.R.S. 15
- USFR Compliance Questionnaire
 - Student Attendance Reporting
 - http://www.auditorgen.state.az.us/manuals_schooldistrict.htm
- School Finance Procedure Manual
 - <https://www.ade.az.gov/Guidelines/EX-18.pdf>

SAIS

File Upload/SAIS Online

- Local SMS system creates SAIS files
- Alternatively use SAIS Online
- Access SDDI through common logon
- Check Student Detail Activity Calendar
- 3 MB limit
- Sequenced
- File import errors
- Contains transactions
- Guideline requires submission every 20 days
- Law requires 12 days within 40th or 100th Day
- Import file status
- Technical Documentation <https://www.ade.az.gov/sais/saisdbdocs.asp>

SAIS

Transaction

- Checks each transaction for
 - Verification (expected format and values)
 - Validation (logical check)
 - Database Update
- Get SAIS IDs, SDADMS71-1 , SDADMS71-2 SDADMS72, SDADMS73, SDADMS74

https://www.ade.az.gov/sais/membership/MembershipRequirements_FY07.doc

SAIS

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SAIS

Concurrency

- Checks for overlaps of student enrollments
- Adjust membership FTE according to Business Rules
 - District / Charter (1.0)
 - JTED satellite / Member District (1.25)
- All memberships assumed valid until invalidated by ADE through dispute resolution
- <https://www.ade.az.gov/schoolfinance/Guidelines/ConcurrencyBusinessRulesFY10.pdf>
- SDADMS80-1, SDADMS80-2

SAIS

Aggregation

Student data must pass Integrity

ADM, SPED*, ELL*

Divides student enrollment into distinct fundable membership intervals such as..

FTE

Grade

Tuition Payer Code

Aggregation Period

Produces Membership Days and Absences which will translate to ADA and ADM measures.

SDADMS75, SDADMS76

**There will be no division of this process. Aggregation will include all state funding.*

SAIS

Limiting

- Collect statewide total of membership days for each student and proportionally adjust them to the limit of 1.0
- This limiting factor will be applied to both the membership days and absence days.
- Exception: if the following membership combinations exist for a student, the proportional limit will be 1.25
 - ❖ If a membership overlap exists between any JTED (Main, Central or Satellite) and Charter school
 - ❖ If a membership overlap exists between any JTED Satellite and its member district.

SDADMS75-1, SDADMS75-2

<https://www.ade.az.gov/schoolfinance/Guidelines/ConcurrencyBusinessRulesFY10.pdf>

SAIS

Push and Calculations

- Populate tables by aggregate fundable membership count categories.

Grade

Fundable entity

SPED Weight Category

- ADM Data Push
- SPED 28 Calculation
- LEPS Calculation

SAIS – Push and Calculations

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 - Grade
 - Fundable entity
 - SPED Weight Category
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Concurrency

- District/Charter: $ADM \leq 1.0$
 - ❖ 4 District Courses + 2 Charter Courses $ADM = 1.5$
 - ❖ Concurrency Module would adjust to 1.0 District to .75 Charter to .25.
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- District/JNET: $ADM \leq 1.25$
 - ❖ 4 District Courses + 1 JNET Course $ADM = 1.25$
 - ❖ District 1.0 JNET .25
 - ❖ 4 District Courses + 2 JNET Courses $ADM = 1.50$
 - ❖ District 1.0 JNET .2
- Accomplished by adjusting FTE

Limiting

- District/Multiple Schools $ADM \leq 1.0$
 - ❖ School A $ADM=.25$ or $ADM=.50$ or $ADM=1.0$
 - ❖ School B $ADM=.25$ or $ADM=.25$ or $ADM=.5$
 - ❖ School C $ADM=.25$ or $ADM=.25$
 - ❖ School D $ADM=.25$ or $ADM=.25$
 - ❖ School E $ADM=.25$ or $ADM=.25$

 - ❖ Appropriation $.25/1.25 = ADM .20$ each
 - ❖ $.50/1.5 = .33$ and others $.16 = 1.0$
 - ❖ $1.0/1.5 = .66$ and other $.33 = 1.0$
- Accomplished by adjusting Membership ADM