



ADE

IT Department

**AzEDS Integrity Rules**  
***Arizona Education Data Standards***  
**AZEDs REST API – Release 2.0**

Date: June 18, 2015

Version 1.0

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## 1.0 Quick Reference

### 1.1 Helpful Links

Please refer to the links below to help answer any questions:

- AzEDS Web site: <http://www.azed.gov/aelas/azeds/>

### 1.2 ADE Contact Information

Please refer to the contact information below to address any comments or concerns:

- [azeds@azed.gov](mailto:azeds@azed.gov)

## 2.0 AzEDS Integrity vs. SAIS Integrity

### 2.1 Processing at a Glance

Below is the process as written in the [SAIS Integrity Checking Manual \(Page 33\)](#). Changes to this process, implemented by AzEDS, are indented and bolded.

- Student-level data is submitted to ADE by districts
- Student-level data is loaded into the SAIS Student Database using the Student Detail system
  - **Student-level data is now loaded into the AzEDS Student database**
- Periodically, the Integrity Checking Process is run to verify the submitted data in relation to all other data submitted; Integrity Checking also performs validations that have traditionally been applied to the Student Counts process
  - **Integrity checks are now run every night to verify submitted data**
- Student-level data is aggregated into the pre-SAIS groupings by the Aggregation Process
- Funding is calculated and reporting is created with the Student Counts system

### 2.2 How Integrity Works

Integrity checks will continue to validate the data submitted to ADE for each student using rules that detect illogical conditions. Illogical conditions will fail only for the rule in which that data is relevant. The integrity rules are organized in the following categories:

- |                                  |   |        |
|----------------------------------|---|--------|
| • Accountability                 | • Membership / Attendance                 | • ELL  |
| • Support                        | • Student Teacher Course Connection (STC) | • SPED |
| • Dropout Recovery Program (DRP) | • Grand Canyon Diploma (GCD)              |        |

Just like SAIS integrity, an error will define each illogical condition, identify the category in which the data is relevant, and produce an integrity error message to explain why the data failed. These errors are available on the AzEDS Integrity Report so that the data can be corrected as soon as possible.

Note: SAIS predates the DRP and GCD programs. These programs were initiated during FY16.

## 3.0 AzEDS Integrity Rules

### 3.1 Changed Rules

AzEDS integrity rules were developed using the pre-existing SAIS rules. Each rule was examined for relevancy. If the rule was no longer relevant (data was no longer collected, or requirements changed) or redundant, the specific rule was reviewed by the business to determine whether or not the rule should be sunset or modified. New rules were also reviewed by the business and subject to approval.

Business includes:

- School Finance
- Accountability
- Highly Effective Schools
- Exceptional Student Services
- Highly Effective Schools

In some cases, multiple rules were combined into a single rule. In these cases, the rules and proposed new rule, were reviewed and approved by the business.

**Example:**

**Pre-existing membership rules:**

Rules	Error Message
If DOR is ELEMENTARY or ELEM NOT IN HS and the grade is not ELEMENTARY GRADE, then report the discrepancy as an error.	Non-elementary grade cannot be taught by this school.
If DOA is HIGH SCHOOL and the grade is not a HIGH SCHOOL GRADE, then report the discrepancy as an error.	Non-high school grade cannot be taught by this school.
If DOR is HIGH SCHOOL (type 05) and the grade is not a HIGH SCHOOL GRADE, then report the discrepancy as an error.	DOR may not accept funding for this non-high school grade.
If DOA is PRIVATE/SPED and a GRADE is not a valid GRADE for that DOA, then report the discrepancy as an error.	School {Entity ID of School} OR the District of Attendance {Entity ID of the district} is not approved for this grade.
If DOA is ELEMENTARY or ELEM NOT IN HS and the grade is not ELEMENTARY GRADE, then report the discrepancy as an error.	Non-elementary grade cannot be taught by this school.
If the DOR and or DOA is a district sponsored charter school and the grades are not approved grades for that individual school, then report the discrepancy as an error.	School {Entity ID of School} OR the District of Attendance {Entity ID of the district} is not approved for this grade.

**Business-approved consolidated rule:**

If the grade submitted within the enrollment is not an approved grade for the school, then report the discrepancy as an error.	Grade Level not offered at this school.
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### 3.2 Retained Rules

Rules that were retained for the AzEDS system may have been reworded for clarity or if combined with another rule. All rules were assigned a new number to indicate its associated category.

Type of Rule	First Three Digits of Rule Number
Membership	100
Accountability	200
ELL	300
SPED	400
Support	500
STC	600
Grand Canyon Diploma	700
Dropout Recovery	800