



**U.S. DEPARTMENT OF EDUCATION**

**Education Data Exchange Network (EDEN)**

**EDEN Submission System  
Release Notes**

**Version 5.5  
SY 2008-09**

**June 2009**

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## DOCUMENT CONTROL

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Version Number	Date	Summary of Change
5.5	April 2009	Includes updates related to SCRs (Release) 5.5.
5.5A	May 2009	Includes updates related to SCRs (Release) 5.5A.
5.5B	May 2009	Includes updates related to SCRs (Release) 5.5B.
5.5D	May 2009	Includes updates related to SCRs (Release) 5.5D.
5.5E	May 2009	Includes updates related to SCRs (Release) 5.5E.
5.5F	June 2009	Includes updates related to SCRs (Release) 5.5F.
5.5G	June 2009	Includes updates related to SCRs (Release) 5.5G.
5.5I	June 2009	Includes updates related to SCRs (Release) 5.5I.

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## PREFACE

This document provides a description of the technical enhancements to the EDEN Submission System (ESS) version 5.5 released in April 2009 and subsequent software change requests (SCRs) implemented in the weeks and months following.

EDEN is a centralized, coordinated repository of state reported, K through 12, educational data residing at the U.S. Department of Education. The EDEN Submission System is an electronic system that facilitates the efficient and timely transmission of data from SEAs to the U.S. Department of Education.

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## 1.0 PURPOSE

The purpose of this document is to educate the users of the EDEN Submission System (ESS) about the improvements that have been made to the system and to provide guidance to users on issues that they may encounter with the new software release.

This document lists all system enhancements and documentation updates that were implemented with the ESS 5.5 release series. The majority of the enhancements include support for ongoing enhancements and maintenance of the ESS.

Where applicable, items are prefixed with corresponding trouble ticket information. For example, "TT 233" refers to the trouble ticket opened by the software development team. "PSC 05-00367" refers to the ticket number opened by the Partner Support Center.

## 2.0 SUMMARY OF IMPROVEMENTS (RELEASE 5.5)

### 2.1 ESS Application Updates

The primary purpose of the 5.5 (April 27, 2009) release is to enhance the Partner Support Center's ability to delete data from ESS at the request of the states. In the past, data cleansing tasks involved a highly labor intensive process requiring direct access to the ESS databases. With ESS 5.5, the PSC will be able to respond to data cleansing requests in a more systematic and timely manner.

In addition, the 5.5 release includes the following new ESS system functionality:

- 1) TestTrack 1805 - Ticket 07-44112 – A state reported that the "School Education Unit Profile: File Submissions" screen does not inform the user which files have been submitted for the entity. The date reported is the date the file was submitted for any entity within the state. The state requested to have the "Last Submission Date" column in the Education Unit Profile updated to indicate the date the file was submitted specifically for the entity being viewed. In the fix, the Last Submission Date was updated to correctly indicate the date the file was submitted specifically for the entity being viewed.

### 3.0 SUMMARY OF IMPROVEMENTS (RELEASE 5.5A)

#### 3.1 ESS Application Updates

The 5.5A release (May 1, 2009) includes the following new ESS system functionality:

- 1) TestTrack 3358 - Ticket 09-06095 – ESS business rules S052-R56 and S052-R77 serve similar yet distinct purposes. S052-R56 indicates when membership for open schools is zero or negative. S052-R77 indicates when membership has not been submitted for open schools. The definition and edit logic for S052-R56 was modified to clearly distinguish it from S052-R77.

Edit Rule ID	Definition	Edit Logic
S052-R56	The edit identifies when membership reported for an open school is zero or negative.	For any school that has a status of Open, Added, or Reopened, raise a warning if the grand total membership count for that school is zero or negative.
S052-R77	The edit identifies when there is no membership reported for an open school.	For any school that has a status of Open, Added, or Reopened, raise a warning if the grand total membership count for that school is null.

- 2) TestTrack 3394 – In ESS, Agency Type 4, Regional Education Service Agency (RESA), was incorrectly configured as a child of Agency Type 3, Supervisory Union. As a result, a unique supervisory union ID could not be assigned to a RESA. In the fix, Agency Type 4 for LEAs configured as RESAs can now be assigned a unique supervisory union ID and serve as a parent organization to other child LEAs with Agency Type 2. In addition, a new validation edit, ER-119, has been included in ESS to ensure that all LEAs within a state with Agency Type 3 (Supervisory Unions) or 4 (RESAs) have a unique supervisory union ID.

Edit Rule ID	Definition	Edit Logic
ER-119	The edit identifies when the reported supervisory union ID is not unique within the state among all supervisory unions and RESAs.  Submit a unique supervisory union ID.	The reported supervisory union ID is not unique among other supervisory unions (Agency Type 3) or RESAs (Agency Type 4) in the current directory structure. Please submit a unique supervisory union ID.  Supervisory Union IDs are optional for RESAs.

- 3) TestTrack 3406 – The error message for ER-52 has been modified to read, "The supervisory union ID does not exist," rather than just, "The supervisory union does not exist."

### 3.2 ESS Documentation Updates

The following documentation updates are available with Release 5.5A:

#### **SY 2008– 09 File Specifications**

Spec	Version	Description of Change	Ticket #
N/X129	5.1	<ul style="list-style-type: none"> <li>• 1.1 – Updated to indicate that Magnet Status is mandatory for SY 2008-09.</li> <li>• 2.0 – Reorganized the guidance by data group and clarified the text.</li> <li>• 2.4 - Added “how are teachers counted.”</li> <li>• 4.2 - Table 4.2–1 - Changed Magnet Status population status from O (optional) to M (mandatory).</li> </ul>	09-02824

### 4.0 SUMMARY OF IMPROVEMENTS (RELEASE 5.5B)

#### 4.1 ESS Application Updates

The 5.5B release (May 8, 2009) includes the following new ESS system functionality:

- 1) TestTrack 3428 - Ticket 09-08512 – A state reported a discrepancy between the Classroom Teacher Count submitted in its N/X129 file and the count displayed in the SY 2008-09 CCD Summary Report. In the fix, -1 (missing) counts will be filtered out of the query to populate the Classroom Teacher Count in the CCD Summary Report.
- 2) TestTrack 3432 - Ticket 09-08474 – A state reported multiple issues with the 07-08 CCD Summary Report.
  - a. On the Agency Totals and Staff tab, the student count for Summer session MEP students eligible and served was blank despite the state’s recent submission of the N/X122 file. In the fix, the query to populate this field in the report was corrected to pull from N/X122 instead of N/X123.
  - b. On the Agency Totals and Staff tab, the count for Special ED students appeared to be showing only the totals from N/X002 instead of N/X002 and N/X089. In the fix, the Special ED student count was updated to be populated by N/X002 and N/X089.
  - c. On the State Completers, Agency Completers and Agency Dropouts tab, the Report Total was showing only a sum of the reported race/ethnicities. It did not include multiracial students that were reported in the total field. In the fix, reported total cells were updated to be populated with subtotals from the file specification instead of summing across the cell values in the spreadsheet.

## 5.0 SUMMARY OF IMPROVEMENTS (RELEASE 5.5D)

### 5.1 ESS Application Updates

The 5.5C release (May 15, 2009) did not include any system-wide updates and, therefore, the release notes were not updated. The 5.5D release (May 23, 2009) includes the following new ESS system functionality:

- 1) TestTrack 3449 - Ticket 09-08885 – Business rule S039-R01 has the following definition: "The edit identifies when the list of grades offered by the LEA does not match the list of grades offered by schools that are associated to that LEA. Closed, Inactive or Future schools are not included." The rule was triggered for a school with an operational status of Future. In the fix, the rule's logic was modified such that the operational status exclusions would apply to such schools.

### 5.2 ESS Documentation Updates

The following documentation updates are available with Release 5.5D:

#### **SY 2006– 07 File Specifications**

Spec	Version	Description of Change	Ticket #
N/X035	3.3	<ul style="list-style-type: none"> <li>• Substantially revised to match FY 2007.</li> <li>• Section 1.0 data group name changed and removed data group 470.</li> <li>• Sections 2.0 and 3.0 were reordered.</li> <li>• Section 2.0 Guidance was updated.</li> <li>• Section 4.0 SEA record layout changed.</li> <li>• Revised appendix.</li> </ul>	

#### **SY 2007– 08 File Specifications**

Spec	Version	Description of Change	Ticket #
N/X035	4.1	<ul style="list-style-type: none"> <li>• 2.0 - Clarified the following:               <ul style="list-style-type: none"> <li>○ Introduction paragraph</li> <li>○ Answer to "what programs are included in this file"</li> <li>○ Answer to "what if my state received Federal funds for a program or CFDA number listed in the appendix, but the program was not administered by the SEA"</li> </ul> </li> <li>• 2.2 - Clarified the answer to "what is reported at the LEA level"</li> <li>• 2.2 – Divided the question "what is reported at the LEA" into two questions: "what is reported at the LEA" and "What if an LEA did not receive funds for a particular program"</li> <li>• 2.3 – Added note that business rules are not programmed into ESS.</li> </ul>	

### SY 2008– 09 File Specifications

Spec	Version	Description of Change	Ticket #
N/X063	5.1	<ul style="list-style-type: none"> <li>• 2.0 – Added reference to N/X064 in the introduction paragraph.</li> <li>• 2.0 – Added questions for which education units should not be reported in this file, what if the teacher of record changes during the school year, are classes taught by special education teachers reported in this file, should classes be identified based on the grades offered by the school or LEA, and are zeros required.</li> <li>• 2.0 – Expanded on the answer to “what is the reporting period for this file.”</li> <li>• 2.0 – Changed the wording of the question “who is the teacher of record for a class” to “what if a class has more than one teacher.”</li> <li>• 2.0 – Deleted the question “why are missing and not collected not permitted values for qualification status.”</li> <li>• 2.0 – Standardized the language for some questions.</li> </ul>	
N/X064	5.1	<ul style="list-style-type: none"> <li>• Added “Core” to the file specification name so that it matches the name of the data group.</li> <li>• 2.0 – Added reference to N/X063 in the introduction paragraph.</li> <li>• 2.0 – Added questions for which education units should not be reported in this file, what if the teacher of record changes during the school year, are classes taught by special education teachers reported in this file, should classes be identified based on the grades offered by the school or LEA, and are zeros required.</li> <li>• 2.0 – Expanded on the answer to “what is the reporting period for this file.”</li> <li>• 2.0 – Changed the wording of the question “who is the teacher of record for a class” to “what if a class has more than one teacher.”</li> <li>• 2.0 – Deleted the question “why are missing and not collected not permitted values for qualification status.”</li> <li>• 2.0 – Standardized the language for some questions.</li> </ul>	

## 6.0 SUMMARY OF IMPROVEMENTS (RELEASE 5.5E)

### 6.1 ESS Application Updates

The 5.5E release (May 29, 2009) includes the following new ESS system functionality:

- 1) TestTrack N/A – A typo was identified in the error message for business rule S052-R25. In the fix, the error message was corrected.
- 2) TestTrack 3413 - Ticket 09-08322 – A state identified the following errors in the SY 2008-09 CCD Summary Report available through the Reports tab of the Submission Error Report page in ESS.
  - a. The Summary Report did not display student by race information when using the seven new racial-ethnic codes in the following tabs: Cross-File State to School; State Students; School Students. In the fix, rows were added to the report to display data using the new racial-ethnic codes.

- b. The description for Migrant Students needed to be updated for the SY 2008-09 report's "Agency Total and Staff" and "School General" tabs. The description was, "Migrant Students (The prior year total reflects 2004-2005)." In the fix, the description was updated such that the prior year will be based on the school year of report.
- 3) TestTrack 3446 - Ticket 09-08535 – A state indicated that Match Error M10 was being triggered inappropriately. The error identifies when a school has a status of "Reopened" (operational status = 8) and the LEA it belongs to has a status of "Changed Boundary" (operational status = 5). This exact scenario existed for the state, resulting in unexpected critical match errors. The edit logic was reevaluated and was determined to be in direct conflict with an acceptable education unit status scenario. In the fix, the edit was disabled for all states across all school years.

## 7.0 SUMMARY OF IMPROVEMENTS (RELEASE 5.5F)

### 7.1 ESS Application Updates

The 5.5F release (June 5, 2009) includes the following new ESS system functionality:

- 1) TestTrack 3485 - Ticket – 09-09583 – A state reported that after submitting a SY 2008-09 school directory file, validation errors were received. The state attempted to learn more about these errors by clicking on the "View Details" link, but no details were displayed. Clicking on the link "Download Excel Spreadsheet" did not show any details either. In the fix, it was determined that the StateLEAIDNumber field in stored procedure code was 14 characters when it should have been 17, thus causing display to fail. The field length was corrected, thereby allowing the error details to be viewable.
- 2) TestTrack 3490 - Ticket 09-09597 – A state reported that data submitted in the SY 2006-07 LEA N035 file were not available in the EDEN Portal via the Education Unit Profile or the Submission Progress Report. The records appear to be blank when viewed through the Education Unit Profile and the Submission Progress Report did not indicate that any data were submitted at the LEA level. The PSC determined that these data could be extracted from EDEN but not viewed in EDEN. In the fix, adjustments to the Education Unit Profile and Submission Progress Report had to be made given the recent changes to the data collection guidelines for N/X035. Existing SY 2006-07 SEA and LEA N/X035 data were updated such that they would be viewable if the following conditions are met:
  - a. The data were submitted using the guidelines in the old version of the file specification;
  - b. The current permitted values were used;
  - c. The state has not resubmitted N/X035 data using the revised file specifications.

## 8.0 SUMMARY OF IMPROVEMENTS (RELEASE 5.5G)

### 8.1 ESS Application Updates

The 5.5G release (June 12, 2009) includes the following new ESS system functionality:

- 1) TestTrack 3516 - Ticket 09-09891 – A state submitted file 046 for SY 2008-09 and received multiple instances of submission warning S046-R04: "English Language Learners student count has changed by more than 25 and more than 25% compared to prior year." The warning was also indicated on the CCD Agency Edit Report's "Current to Prior % Diff" worksheet. The state resubmitted SY 2007-08 data to correct the comparisons with prior year data, but the warnings remained on both reports. In the fix, it was determined that submitting prior year data did not trigger the edit to recheck the data. The submission edit's stored procedure was modified to consider prior year submissions when determining whether or not to trigger the edit in case states submit prior year file after the current year file.
- 2) TestTrack 3231 – A state identified inconsistencies with business rules S033-R13, R15 and R16. In the Business Rules Guide, these edits did not list N/X052 as a file spec used in the edit and R15 and R16 Error Messages and Definitions did not agree. Documentation updates were included in the current version of the Business Rules Guide. In the fix, the corresponding definition and edit logic updates for S033-R15 and R16 have been made to the edit definitions and logic in ESS.

Rule ID	Comment History
S033-R15	<ul style="list-style-type: none"> <li>• Updated definition to indicate that the edit involves LEA level data (changed "institution" to "LEA.")</li> <li>• Corrected definition and edit logic to align with Error Message. Previously indicated that edit would trigger when membership was missing or null for an institution with Reduced Price Lunch student counts. Fixed to indicate that edit would trigger if Reduced Price Lunch student count is missing or null for an LEA with membership greater than 0.</li> </ul>
S033-R16	<ul style="list-style-type: none"> <li>• Updated definition to indicate that the edit involves LEA level data (changed "institution" to "school.")</li> <li>• Corrected definition and edit logic to align with Error Message. Previously indicated that edit would trigger when membership was missing or null for an institution with Reduced Price Lunch student counts. Fixed to indicate that edit would trigger if Reduced Price Lunch student count is missing or null for a school with membership greater than 0.</li> </ul>

- 3) TestTrack 3519 - Ticket 09-09488 – ED requested that a new Federal Program Code be added to the SY 2006-07 and SY 2007-08 N/X035 files - Federal Programs files: 84.362K- Hawaii 3R's - Repair Remodel Restore. In the fix, the new Federal Program Code was added to the files.

## 9.0 SUMMARY OF IMPROVEMENTS (RELEASE 5.5I)

### 9.1 ESS Application Updates

The 5.5H release (June 19, 2009) did not include any system-wide updates and, therefore, the release notes were not updated. The 5.5I release (June 26, 2009) includes the following new ESS system functionality:

- 1) TestTrack 3553 - Ticket 09-10238 – A state received permission from NCES to add an LEA to the SY 2006-07 Directory in order to include this LEA in the state's submission of GEPA data in EDEN file 035. When the state attempted to add the LEA using the SY 2006-07 N029 file, the submission failed with the following Validation Error: "NCES ID is blank and the submitted School Year Start Operational Status is not New, Added or Future." The SY 2006-07 spec did not include the School Year Start Operational Status field. In the fix, the validation edit was modified to work with the Operational Status field that does exist in the SY 2006-07 Directory specification.



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