U.S. DEPARTMENT OF EDUCATION

Education Data Exchange Network (EDEN)

EDEN Submission System Release Notes

Version 4.4
SY 2007 – 08

July 2008

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4.4B	May 2008	• Includes updates related to SCRs (Release) 4.4B.
4.4C	June 2008	• Includes updates related to SCRs (Release) 4.4C.
4.4D	June 2008	• Includes updates related to SCRs (Release) 4.4D.
4.4E	June 2008	• Includes updates related to SCRs (Release) 4.4E.
4.4F	June 2008	• Includes updates related to SCRs (Release) 4.4F.
4.4G	June 2008	• Includes updates related to SCRs (Release) 4.4G.
4.4H	June 2008	• Includes updates related to SCRs (Release) 4.4H.
4.4I	June 2008	• Includes updates related to SCRs (Release) 4.4I.
4.4J	July 2008	• Includes updates related to SCRs (Release) 4.4J.
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PREFACE

This document provides a description of the technical enhancements to the EDEN Submission System (ESS) version 4.4 released in May through July.

Revisions to the document include system changes that were implemented in subsequent System Change Requests (SCRs).

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 State Education Agencies (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 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 Release 4.4. 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 4.4A)

2.1 ESS Application Updates

ESS Release 4.4A (May 2, 2008) includes the following new system functionality:

1) TT 2515; PSC 08-07321 – A state received an error triggered by business rule S029-R07. The system was modified to permit the operational status for LEAs to be updated to “closed” and not trigger a warning.
2) TT 2501; PSC 08-07149 – A state received a submission error for its student membership data. This was due to the system including all subtotals. The system was modified to only use the total number of students submitted under the grades (membership) subtotal in the Membership file (N/X052).
3) TT 2502; PSC 08-07289, 08-07374 – A state received a submission error for its Staff FTE data. This was due to the system including all subtotals. The system was modified to only use the total number of students submitted under subtotal in the Staff FTE file.
4) TT 2516; PSC 08-07352 – A state’s submitted data resulted in errors in the CCD Agency Match Report. Business rule S039-R05 was modified to permit LEAs reported grades offered to allow ‘UG’ as a possible value.
5) TT 2520; PSC 08-07667 – A state’s submitted data resulted in errors in the CCD Agency Match Report. The system was modified to re-evaluated data when a change occurs then trigger business rule S039-R06 as necessary.

2.2 ESS Documentation Updates

The following documentation updates are available with Release 4.4A:

SY 2007– 08 File Specifications

Document	Version	Description of Change	Ticket #
N010	4.1	• Updated the suggested naming convention and the file examples.	08-05844
N039	4.2	• Corrected discrepancy in the suggested naming convention and the file examples.	ED
N063	4.1	• Corrected the examples of school level tab and comma delimited files	08-04557
N070	4.2	• Corrected discrepancy in the suggested naming convention and the file examples.	ED
N131	4.1	• Updated the file name example in all three examples.	08-06396

3.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4B)

3.1 ESS Application Updates

ESS Release 4.4B (May 9, 2008) includes the following new system functionality:

1) TT 2528; PSC 08-08150 – A state's submitted school membership data was taking an extended period of time to process due to the file size and explanations. The system was modified to better handle large files by adding a new column to the explanations table.
2) TT 2544; PSC 08-08087 – A state's prior year values for magnet schools and charter schools were incorrect for SY 2007-08. The system query was modified to more accurately filter for qualifying magnet and charter schools.
3) TT 2545; PSC 08-08086 – A state's CCD Summary Report for SY 2007-08 contained incorrect totals when compared to its submitted data. The system query was modified to only include counts greater than or equal to '0' to avoid inaccuracies due to negatives values.
4) TT 2536; PSC 08-06740 – A state requested a modification of a school's operational status and NCES ID due to erroneous submission of data from SY 2006-07. The system was modified to correct the school's operational status and assign a newly generated NCES ID record.
5) TT 2547; PSC 08-08366 – A state received several errors for schools not reporting their grades offered. The system was modified for business rules S029-R21 and S029-R07 to re-evaluate submitted grades offered data when edits are dependent on school directory data.
6) TT 2558, 2553; PSC 08-08278, 08-08438 – A state received errors for business rule S039-R01 due to a school's grades offered data. The system was modified for business rule S039-R01 to re-evaluate submitted grades offered data when edits are dependent on school directory data.
7) TT 2551; PSC 08-08406 – A state re-submitted data resulting in a no grades offered submission error when it altered a LEAs school operational status data

from 'open' to 'closed'. The system was modified to identify operational status by LEA ID and re-evaluate grades offered data for schools with a 'closed' status.

8) TT 2439; PSC 08-05843 – A state's LEA submission error report listed directory warnings S029-R09 for duplicate LEA IDs and S029-R06 when an operational status was updated. In both incidences the data provided was in accordance to CCD rules. Business rules S029-R06 and S029-R15 were disabled to appropriately align with CCD rules.

4.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4C)

4.1 ESS Application Updates

ESS Release 4.4C (May 16, 2008) includes the following new system functionality:

1) TT 2528; PSC 08-08150 – A state's submitted school membership data was taking an extended period of time to process due to the file size and explanation. The system was modified by inserting a new column to the explanations table to speed up the processing.
2) TT 2564; PSC 08-08501 – A state was receiving very few submission errors for a variety of data according to the CCD Edit Reports. This was due to missing associations between submission edits and edit report worksheets. The system was modified to identify associations across file specifications and list appropriate errors.
3) TT 2574; PSC 08-08470 – A state received an error triggered by business rule S052-R26. This was due to differences in the count date between the two collections which correctly trigger the error. The edit was disabled since the difference was caused by two count dates.
4) TT 2571; PSC 08-07354 – A state received errors triggered by business rule S052-R24. This was due to the state's policy regarding child counts limited the availability of membership data. The system was modified to disable edit.
5) TT 2570; PSC 08-08557 – A state received an error triggered by business rule S059-R21. This error was incurred when the LEA Staff FTE data was submitted after the SEA data Staff FTE. The system was modified to re-evaluate the SEA level after a LEA level has changed.

4.2 ESS Documentation Updates

The following documentation updates are available with Release 4.4C:

SY 2007– 08 File Specifications

Document	Version	Description of Change	Ticket #
N002	4.1	• Added revised DANS to ED*Facts* Crosswalk to Appendix.	ED
N081	4.1	• Updated SEA level tab and LEA level tab examples.	ED

Document	Version	Description of Change	Ticket #
N094	4.1	• Corrected typographical error Section 2.0.	08-08571
N099	4.1	• Updated guidance for FTE personnel count.	ED
N/X129	4.1	• Corrected definition for Title I School Status.	08-08255
N132	4.1	• Updated the educational unit level to the file name in the examples.	08-06396
X030	4.1	• Corrected Grade Level (Basic) permitted value.	ED
X086	4.1	• Corrected Grade Level (Basic) permitted value.	ED
X118	4.1	• Corrected file metadata in Word document file properties.	08-06489
X136	4.1	• Corrected Grade Level (Basic) permitted value.	ED

SY 2006– 07 File Specifications

Document	Version	Description of Change	Ticket #
N/X035	3.2	• Removed the Total Indicator column.	08-07681
N127	3.2	• Updated category table in section 1.2	08-05040

5.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4D)

5.1 ESS Application Updates

ESS Release 4.4D (May 20, 2008) includes the following new system functionality:

1) TT 2582; PSC 08-08698 – A state received an error triggered by business rule S059-R45. The EDEN current year values did not match the format the data was submitted. The system logic was updated to not modify current year values.
2) TT 2588; PSC 08-08739 – A state received an error triggered by business rule S052-R26. The error was triggered when children not included in LEA counts but were counted in state operated disabled schools. The edit was disabled for the state's specific circumstances.
3) TT 2589; PSC 08-08600 – A state received errors triggered by business rules S052-R17, S052-R20, and S052-R21. The Membership data differed at the state level then school level due to inconsistent start dates. The edit was disabled for the state's specific circumstances.
4) TT 2590; PSC 08-08755 – A state received an error triggered by business rule S059-R49: This error was encounter when the year to year total teacher count change was greater than zero. The system logic was modified to trigger the error when the year-to-year change is greater than ten.
5) TT 2591; PSC 08-08537 – A state received errors triggered by business rule S052-R25. The LEAs membership totals were less than the sum of school

membership data due to a student's ability to attend school in more than one school. The edit was disabled for the state's specific circumstances.

6.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4E)

6.1 ESS Application Updates

ESS Release 4.4E (May 27, 2008) includes the following new system functionality:

1) TT 2602, 2552; PSC 08-08367, 08-08410 – A state received an error triggered by business rule S052-R26. The state's LEA child count was less than the school child count when an LEA was not able to identify all students. The edit was disabled for the state's specific circumstances.
2) TT 2599; PSC 08-08496 – A state received an error message displaying counts instead of permitted values. The system was updated to retrieve the correct data values for the State Edit Report.
3) TT 2604; PSC 08-08890 – A state noticed its school names and IDs were not appearing in the School Edit Report in the format submitted. The issue was identified as a reporting error. The system's reporting stored procedure was modified to return the correct name, school state ID, and NCES ID in the report.

7.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4F)

7.1 ESS Application Updates

ESS Release 4.4F (June 3, 2008) includes the following new system functionality:

1) TT 2621; PSC 08-09153 – A state noticed incorrect percentages displayed in its CCD Agency Edit Report. A warning was raised for year to year changes being over the threshold and the system incorrectly displayed percentages. The system was updated to display calculations on the report correctly.
2) TT 2620; PSC 08-09181 – A state received an error for business rule S052-R26. The error was triggered due to LEA child counts being less than school child counts. The edit was disabled for the state specific circumstances.
3) TT 2612; PSC 08-09107 – A state received an error for business rule S052-R20. The error was triggered when the stated included permitted value "NOCODES" and values in the grand total count. The system was updated to exclude "NOCODES" from the grand total before triggering the error.
4) TT 2611; PSC 08-09125 – A state received errors on its LEA directory data. This occurred when the state left NCES ID fields blank in its SY 2006-07 for entities planned for the future. The stored procedure was updated to generate new NCES IDs when an entity's status changes from 'Future' to 'New' or 'Future'.

5) TT 2604; PSC 08-08890 – A state's School Edit Report did not include school IDs or school names. The issue occurred when the level edit report did not contain the appropriate identification information. The system's stored procedure was updated to return the correct information.
6) TT 2558; PSC 08-08438 – A state received an error for business rule S039-R01. The error was triggered when a school's 'closed' operational status did not match the list of grades offered by the LEA. The edit was disabled for the state specific circumstances.

8.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4G)

8.1 ESS Application Updates

ESS Release 4.4G (June 13, 2008) includes the following new system functionality:

1) TT 2632; PSC 08-09294 – A state received errors on its School Match Error Report when the state left NCES ID fields blank for a prior year's School Year Start Operational Status. The stored procedure was updated to generate new NCES IDs and to the update prior year ID when an entity changes from being blank to 'future'.
2) TT 2645; PSC 08-09400 – A state noticed tabs missing from its Agency Match Report. This was a singular instance of this tab error. The system's stored procedure was corrected to include all tabs.

9.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4H)

9.1 ESS Application Updates

ESS Release 4.4H (June 20, 2008) includes the following new system functionality:

1) TT 2655; PSC 08-09350 – A state received errors on its Submission Error Report when its LEA membership count did not cross-validate when comparing N/X002 public and non-public students against NX052 public student enrollment. The edit was disabled for the state specific circumstances.
2) TT 2648; PSC 08-09279 – A state noticed an incorrect total number of agencies its CCD Summary Report when the system returned all school years resulting in an incorrect total number of agencies. The stored procedure was updated to filter the report correctly by school year ID.
3) TT 2653; PSC 08-09455 – A state's updated values were not appearing in its CCD School Edit Report when modifications were made affecting current year and prior year data. The stored procedure was modified to reset the last modification date and then re-evaluate yearly values.

4) TT 2659, 2660; PSC 08-09430, 08-09508 – A state required removal of three LEAs in its directory data. The issue caused the LEAs to be incorrectly reported as closed for the past two consecutive years. The system was updated to remove the erroneous three schools from the state's directory data.

10.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4I)

10.1 ESS Application Updates

ESS Release 4.4I (June 27, 2008) includes the following new system functionality:

1) TT 2667; PSC 08-09681 – A state received an error for business rule S029-R09. A school with a "future" status in SY 2006-07 updated to a "new" SY 2007-08 triggered the error. The stored procedure was modified to not trigger this error when a school transitions to a "new" status from "future".
2) TT 2670; PSC 08-09703 – A single state's Edit Report was not visible to appropriate users of system. The system was updated to allow visibility into data conversions in edit reports.

11.0 SUMMARY OF IMPROVEMENTS (RELEASE 4.4J)

11.1 ESS Application Updates

ESS Release 4.4J (July 3, 2008) includes the following new system functionality:

1) TT 2684; PSC 08-09368 – A state received errors in its CCD Reports due to suppression of small counts causing the counts totals provided in various category sets to not be equal. The edit was disabled for the state specific circumstances.
2) TT 2672; PSC 08-09692 – A state's values were incorrectly displayed on its CCD Summary Report that was different than the data submitted. The system's stored procedure was modified to insert the correct column "current year" and "previous year" in the General Report Tab in CCD.
3) TT 2678; PSC 08-09762 – A state received several errors when an incorrect application of a "Student/Teacher Ratio Edit" was identified in its SY 2007-08 CCD School Edit Repot. The edit was applied incorrectly. The system was updated to apply the business rules ratio and reset edit triggers when data is resubmitted.
4) TT 2679; PSC 08-09774 – A state noticed an edit required on a file submitted in May was no longer visible in June. While annotating items related to its May submission the state encountered the error again when its current version of the School Edit Report was regenerated. The system's stored procedure was modified to reset evaluation of S129-R08 for all states.

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