U.S. DEPARTMENT OF EDUCATION

Education Data Exchange Network (EDEN)

EDEN Submission System Release Notes

Version 3.5

July 2007

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3.5	July 13, 2007	• Includes updates related to release 3.5

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PREFACE

This document provides a description of the technical enhancements to the EDEN Submission System (ESS) version 3.5 that was released in July 2007.

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.

CONTENTS

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 3.5. 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 3.5)

2.1 ESS Application Updates

ESS Release 3.5 (July 13, 2007) includes the following new system functionality:

1) The system was updated to accept SY 2006-07 Closeout period file submissions.
2) TT 230; PSC 06-00559: Platform Infrastructure proposed a re-design of the Education Unit (EU) profile to help improve performance and avoid time out errors. ED has reviewed this design. The new design has been implemented.
3) TT 365; PSC N/A: The EU profile model has not always correctly displayed data in a familiar way to users. Specifically, the new design allows users to view data by educational unit, then by file specification name/number and data group.
4) TT 379; PSC 06-03442: Changes were made to enable California to identify all missing LEAs or schools in a file before validating data in other files. The validation process now validates the existence of schools or LEAs first before validating other data. The results were showing many records for each school that was missing. The system limitations would cause many missing school errors to not be displayed. This fix modifies these edits such that there will only be one instance of the error logged for each unique ID not found, instead of one instance for each record where the ID exists. However, as a result of this change, the error row where the invalid ID occurs will no longer be available.
5) TT 519; PSC 06-06720: Delaware is trying to use the Educational Unit Profile to verify data that they have submitted, and has requested some changes be made to the interface to facilitate their efforts. This request has been partially addressed in the recent EU redesign. Changes were made to the database for the Educational Unit Profile Page to change the way category items were displayed.
6) TT 1075; PSC 07-20775: The EU profile was not displaying a value for Charter Status. This is resolved with the new EU profile.
7) TT 853; PSC N/A: A new user role has been created for state users. This user role will provide view access to all of a state's data but will not allow access to the Transmittal Authorization sub-application.   This is for the additional state users that are coming on board to support the ED*Facts* Coordinator. These personnel will not require the ability to submit files but instead be able to review and analyze error reports and data. These users may include the CCD Coordinator, OSEP Data Manager, etc.
8) TT 855; PSC N/A: The ESS was updated to include IDEA Table 4 (Exiting) Submission edits.
9) TT 867; PSC 07-04363: ESS was enhanced to provide e-mail notification to the SEA at the time of detection of each submission error or warning. The e-mail explains if the error must be corrected prior to data usage.
10) TT 1112; N/A: Validation error is not showing when transmittal file violates validation rule: Ungraded teacher count changes from 0 to some number or vice versa from one year to the next. Code was modified to fix this.

11)   TT 1135; N/A: Submission errors or warnings showing increase in student counts > 25% in some cases were not appearing. Code was modified to trigger the error messages when necessary.

12)   TT 1168; N/A: Submission errors or warnings were not displaying correctly for submissions: errors reported twice for each grade level and an incorrect message about the error. Code changes were made to fix the errors.

13)   TT 1241; N/A; Submission system did not prevent incorrect submission files with an operational status of "Changed Agency". The error occurred when the state did not provide a prior LEA ID. Validation has been added to disallow this submission under this circumstance and notify the SEA of the problem.

14)   TT 1275; PSC 07-31016: The lists of permitted values for Homeless Night Time Residence and Grade Level (Program Services) are not consistent between files. This has been corrected in the database so that they are consistent.

15)   TT 1314; N/A: The CCD extract contained information about "Migrant Students Served in a Summer Program" that originated from the incorrect submission file. Permitted values for "Age/Grade (Migrant)" were permitting invalid values. SQL code was modified to correct both problems.

16)   TT 1319; N/A: The N_X040 (Graduates – Completers) file was submitted with counts >999,999 but there was no validation edit error (ER-44 S032-R01, S040-R15) for this problem. A database change was made to correct this.

17)   TT 1322; N/A: The N_X032 (Dropout) file was submitted with counts >999,999 but there was no validation edit error (ER-44 S032-R01, S040-R15) for this problem. A database change was made to correct this.

18)   TT 1334; N/A: For file N_X009 (Children with Disability Exiting): The value for Basis of Exiting, when changing by large percentages, should be flagged with an error code, but this was not happening. Code was modified to correct this.

19)   TT 1337; N/A: Error message S052-R21 was incorrectly displaying a number instead of a parameter in its message. Code was changed to reflect the correct parameter in the message.

20)   TT 1346; N/A: An error was found on S029-R01 (Mailing Address) and S029-R02 (Loc Address). It was triggering the warning only if the zip code was between spaces, i.e., 'Abbotsford WI 54405 South'. The edit has been fixed.

21)   TT 1351; N/A: Error messages S009-R01, S009-R02 and S009-R03 had incorrect characters or spelling in their description. The Title field that contains these messages was modified to display the correct messages.

22)   TT 1360; N/A: In the 032 (Dropout) extract file, some columns are mismatched, specifically, the Diploma Type and Race fields. The SQL was modified for the extract accordingly.

23)   TT 1362; N/A: File N_X059 (Staff FTE) validation edit for SECTCH >99,999.9 is not working. The description in the Edit has been fixed. Edit will read and will be executed as: Raise error if any staff FTE count (including grand total) exceeds 99,999.

24)   TT 1378; PSC 07-33844: Directory file is transmitting OK but in some cases is sending duplicate school information. A script was created to run file staging jobs at different times to avoid a simultaneous load that could cause duplicates.

25) TT 1381; N/A: N040 (Graduates – Completers) file that was missing subtotals was submitted, but transmitted OK (Transmittal Status Report). A validation edit was modified so that this type of validation error would be caught.

26) TT 1382; N/A: For file N041 (Graduation Rate): A submission processed without error even though the file specification calls for a grand total. The validation was missing a grand total check, which was subsequently added.

27) TT 1383 and 1384; N/A: In the case where a school in the LEA reports a student count > 0 and the LEA reports no students or the LEA student count is missing, the incorrect edit rule is displayed. The logic for error message S052-R23 was modified so that error will be displayed in this case.

28) TT 1385; N/A: When files are submitted with the wrong school ID, the system will now display only 1 error per ID, regardless of how many times that ID appears in the file. Multiple errors per ID had been displayed.

29) TT 1389; PSC 07-33969 and TT 1390; PSC 07-34111: For files N109 (Math Proficiency Target Status), N110 (Read-Lang Arts Participation Status), and N111 (Read-Lang Arts Proficiency Target Status): In cases where a submission file has a missing status for 1 or more rows, a MANDATORY validation edit has been added to this field, so that this type of problem will be caught by validation in the future.

30) TT 1405; PSC 07-34111: For file N_X040 (Graduates-Completers): For files that had a student count field with value of -1 in the detail records to denote 'missing' student counts, the validation check that checks to make sure subtotal value is >= sum of details was not removing -1 when adding up the detail records. The CCD extract was also populating the MEP cell with a value instead of showing a missing status even though the file only had grade/age group records that had a value of missing. Both issues were resolved.

31) TT 1406; PSC 07-34502: Users were unable to view data in the Submission Progress Report using the Firefox browser. The Submission Progress Report code was updated to show data after the user clicks "GO" in either Internet Explorer or Firefox.

32) TT 1408; N/A: A validation error stating "A subtotal is less than the sum of its parts for FTESTAFF" was being generated in a file where no subtotals were expected nor existing. The validation edit was modified to trigger this message only on files where subtotals are expected.

33) TT 1412; N/A: An incorrect error message was being displayed for an inactive agency showing staff data of more than 0. Inactive agencies should have no staff data. The code was changed to correctly display rule code S059-R19.

34) TT 1413 and 1424; N/A: In cases where the student count for the current year and the previous year is more than 25 and there is a 25% difference between the counts for the two years, the incorrect error message was being shown. This rule was corrected starting with SY 2006-07, since subtotals for previous years have not been collected.

35) TT 1416; PSC 07-34391: For file N054 (Migrant Students Served): The system was not allowing a MEP Session Type value of "MISSING". A validation stored procedure was modified to correct this error.

36) TT 1420; PSC 07-34278: In some cases, it was possible that a state could attempt to submit a SY 2005-06 school NCLB School Year Start Status file, and have the submission rejected because the system thinks that there are no changes, even when no previous file had been submitted. The staging stored procedure was not accurately logging the changes from previous submissions. This code has been rewritten and should now accurately reflect the number of changes made.

37) TT 1421; N/A: In cases where the student count for the current year and the previous year has changed by more than 10, the incorrect error message was being shown. This rule was corrected starting with SY 2006-07, since subtotals for previous years have not been collected.

38) TT 1426; PSC 07-34346: Wisconsin has several schools in the SY 2005-06 Education Unit Profile, but more detailed information could not be accessed. The error was caused by a previous database script and has been corrected. The page which this server error is occurring on will no longer be present with the Education Unit Profile released in 3.5.

2.2   ESS Documentation Updates

The following documentation updates are available with Release 3.5.

A new version of the ESS User Guide v2.2 is now available on the ED.gov Web site. This version of the document includes updated content and screen captures in the sections that describe the Education Unit Profile.

A new version of the ED*Facts* Business Rules Guide v1.2 is now available on the ED.gov Web site. This version of the document includes updates to many existing edit rules and includes new Submission edits for IDEA Exiting data.

SY 2006-07 File Specifications

Document	Version	Description of Change	Ticket #
N009/X009	3.0	• Updated for SY 2006-07 OMB package.	N/A
N032/X032	3.0	• Updated for SY 2006-07 OMB package.	N/A
N040/X040	3.0	• Updated for SY 2006-07 OMB package.	N/A
N041/X041	3.0	• Updated for SY 2006-07 OMB package.	N/A
N065/X065	3.0	• Updated for SY 2006-07 OMB package.	N/A
N083/X083	3.0	• Updated for SY 2006-07 OMB package.	N/A
N100/X100	3.0	• Updated for SY 2006-07 OMB package.	N/A
N103/X103	3.0	• Updated for SY 2006-07 OMB package.	N/A
N106/X106	3.0	• Updated for SY 2006-07 OMB package.	N/A
N107/X107	3.0	• Updated for SY 2006-07 OMB package.	N/A

Document	Version	Description of Change	Ticket #
N108/X108	3.0	• Updated for SY 2006-07 OMB package.	N/A
N109/X109	3.0	• Updated for SY 2006-07 OMB package.	N/A
N110/X110	3.0	• Updated for SY 2006-07 OMB package.	N/A
N111/X111	3.0	• Updated for SY 2006-07 OMB package.	N/A
N113/X113	3.0	• Updated for SY 2006-07 OMB package.	N/A
N119/X119	3.0	• Updated for SY 2006-07 OMB package.	N/A
N121/X121	3.0	• Updated for SY 2006-07 OMB package.	N/A
N122/X122	3.0	• Updated for SY 2006-07 OMB package.	N/A
N123/X123	3.0	• Updated for SY 2006-07 OMB package.	N/A
N124/X124	3.0	• Updated for SY 2006-07 OMB package.	N/A
N125/X125	3.0	• Updated for SY 2006-07 OMB package.	N/A
N127/X127	3.0	• Updated for SY 2006-07 OMB package.	N/A

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