U.S. DEPARTMENT OF EDUCATION

Education Data Exchange Network (EDEN)

EDEN Submission System Release Notes

Version 3.0d

February 2007

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U.S. Department of Education

Margaret Spellings
Secretary

Office of Planning, Evaluation and Policy Development

Kerri Briggs
Acting Assistant Secretary

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DOCUMENT HISTORY

Version Number	Date	Summary of Change
3.0	1/2007	• Includes enhancements to the system related to the SY 2006-07 OMB package • Includes enhancements to the system related to the EDEN / CCD Merger.
3.0a	1/2007	• Includes updates related to SCR 3.0a
3.0b	1/2007	• Includes updates related to SCR 3.0b
3.0c	1/2007	• Includes updates related to SCR 3.0c
3.0d	2/2007	• Includes updates related to SCR 3.0d

RELEASE AUTHORIZATION

Name	Signature / Date
Author	
QA	
Release Authority	

PREFACE

This document provides a description of the technical enhancements to the EDEN Submission System (ESS) version 3.0 that was released in January 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-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.

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 3.0. 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 3.0)

2.1 ESS Application Updates

ESS Release 3.0 (January 16, 2007) includes the following new system functionality:

1)   Updated the system to accept SY 2006-07 data elements and categories for the Early and Middle collection periods.
2)   Updated the system to implement new CCD validation edits.
3)   Implemented a new system module for Submission Edits and the provided the ability to display Submission Errors.
4)   TT 105: The ESS system was updated to provide a warning if there is a mismatch in the actual row count vs. the row count in the header. The header does not count as a row for the purposes of this comparison.
5)   TT 177: The ESS system was updated to handle out-of-state schools so that a state can submit a directory file that contains an LEA or school that is out of state.
6)   TT 181: The ESS system was updated to add new validation edits related to NCES ID:
    - Validate that the first two digits of the NCES LEA ID match the state FIPS code.
    - Validate that the LEA portion is not a duplicate with the state.
    - Validate that the school portion of the ID is not a duplicate within the LEA.
7)   TT 233; PSC 05-00367: The ESS system was updated to be compatible with all versions of Mozilla Firefox up through v1.5.
8)   TT 285; PSC 06-02582: The ESS system was updated to be compatible with Internet Explorer v7.
9)   TT 236: Implement Directory file enhancements including:

- Provide for effective dated demographic information, e.g. name, address, phone, etc. for State Education Agencies (SEA), Local Education Agencies (LEA), and Schools.
- Provide for an EU to have a collection of state identifiers. The system was updated to maintain a cross association of the EDEN internal EU identifier to the state identifier to include the effective date of use for that identifier.
- Provide for an EU to have a collection of NCES ID's. The system shall maintain a cross associations of the EDEN internal EU identifier to the NCES identifier to include the effective date of use for that identifier.
- Provide for an EU to have a collection of operational status values. The system shall maintain an effective dated collection of the operational status for each EU.
- The ESS system was updated to automatically obtain the NCES ID value for an EU from the CCD system.
- The ESS system was updated to generate a validation error if a duplicate NCES ID was found when matching submitted directory data to existing data in ESS.
- The ESS system was updated to require the effective date to be populated on directory records for all institutions except those submitted with an operating status of "Future" agency. Records not meeting this requirement are identified as a validation error.
- The ESS system was updated to add a flag on the School directory file that allows a school to be identified as an Out-of-State school. The default for this flag is No/False.
- The ESS system was updated to add an explanation field to Directory and Grades Offered files.
- The ESS system was updated to raise a validation error for any ESS file other than Directory and Grades Offered if (1) the collection of operating status values for the EU for the school year on the submitted file only contains ('Closed', 'Inactive', or 'Future Agency'). This rule is intended to prevent the submission of data for EU's that are no longer operational. If the school had any other status during the SY, the data for that SY is accepted.

10) TT 360; PSC 06-03249 and TT 362; PSC 06-03292 and TT 501; PSC 06-05635 and TT 526; PSC 06-06868 and TT 529; PSC 06-03748: The ESS system was updated to prevent extraneous characters being appended during the file transfer process that caused invalid validation errors.

11) TT 421: The ESS system was updated to add an optional Explanation field to every SY 2006-07 file specification.

12) TT 423; PSC 06-03765: The ESS system was updated to add a validation rule on percentage values to ensure that no percentage is allowed to exceed 1.2000 (i.e. 120%).

13) TT 466; PSC 06-04076: The ESS system was updated to allow the user to use the Enter key to initiate a search in the Educational Unit Profile.

14) TT 498: The ESS system was updated to provide a descriptive validation error when a non-acceptable negative number is submitted in a count field.

15) TT 509: The ESS system was updated to prevent a password from including the user id.
16) TT 511: The ESS system was updated to remove the Remember login functionality during login.
17) TT 534; PSC 06-06982: The ESS system was updated to correctly associate all Table Types for N101 with corresponding Submission Types.
18) TT 549; PSC 06-07935: The ESS system was updated to correctly associate all Table Types for X101 with corresponding Submission Types.
19) TT 550; PSC 06-07807: The ESS system was updated to add permitted value "Activities authorized under Title I, Part A" to the category "RLIS purpose" in file specification N098.
20) TT 560; PSC 06-08497: The ESS system was updated to correct the metadata for X106, X107, X108 and X111 file specs. The incorrect metadata caused a database exception to occur for these files.
21) TT 586: The ESS system was updated to prevent existing NCES IDs from being overwritten if re-submitted as a null value.
22) TT 631; PSC 06-10200: The ESS system was updated to correctly update the School Mailing Address 2 data in a school Directory submission.
23) TT 828; PSC 07-00817: The ESS system was updated to correctly apply validation edits to incomplete XML files.
24) TT 693; PSC 06-11169: The ESS admin system was updated to default the dropdown for the entity assigned to the user.
25) TT 719: The ESS admin system was updated to sort the state list alphabetically when adding a user.
26) TT 492: Update administrative process to removed unused temporary tables in the database.

2.2   ESS Documentation Updates

All the documentation (ESS User's Guide, ED*Facts* Workbook, File Specifications, XML Specifications, XML Validation Schemas, XML Stylesheets, Frequently Asked Questions) has been updated for Version 3.0.

ESS User Guide – The 3.0 version of the user guide includes updated screen captures as well as a complete explanation of the new Submission Error page. The appendix of ESS error messages was removed.

EDFacts Workbook – The 3.1 version of the ED*Facts* Workbook explains the submission of data for SY 2006-07. The latest version contains clarifications of the Department's policies that affect data collections for SY 2006-07 including changes due to the merger of the CCD collection into ED*Facts.*

File Specifications and XML Specifications – A new set of file specifications that support the submission of data for SY 2006-07 are now available. The set of file specifications available with ESS Release 3.0 supports the Early and Middle period file submissions. End and Closeout period file specifications will be available in subsequent ESS

releases. Prior year file specifications remain available to support submission of data for SY 2003-04, SY 2004-05, and SY 2005-06.

XML Validation Schemas – A new set of XML validation schemas that support the Early and Middle period file submissions for SY 2006-07 are now available. Prior year XML validation schemas remain available to support submission of data for SY 2003-04, SY 2004-05, and SY 2005-06.

XML Stylesheets – A new set of XML stylesheets that support the Early and Middle period file submissions for SY 2006-07 are now available. Prior year XML stylesheets remain available to support submission of data for SY 2003-04, SY 2004-05, and SY 2005-06.

Frequently Asked Questions (FAQs) – The FAQs have been updated for changes in the ESS. Some of the FAQs have been removed and the information incorporated into the ED*Facts* Workbook, ESS User Guide, and the file specifications.

3.0 SUMMARY OF IMPROVEMENTS (RELEASE 3.0A)

3.1 ESS Application Updates

ESS Release 3.0a (January 20, 2007) includes the following new system functionality:

1) TT 832; PSC 07-01456: Corrected supporting format files that were missing from web server. Error was causing unexpected format errors.
2) TT 833; PSC 07-01562: Corrected supporting format files that were missing from web server. Error was causing unexpected format errors.
3) TT 550; PSC 06-07807: Added permitted value to allow states to submit data in file spec 98 related to activities authorized under Title I, Part A.

4.0 SUMMARY OF IMPROVEMENTS (RELEASE 3.0B)

4.1 ESS Application Updates

ESS Release 3.0b (January 22, 2007) includes the following new system functionality:

1) TT 834; PSC 07-01467: Updated incorrect code in Edit Check procedure that validates sub-totals in file spec N002.
2) TT 836; PSC 07-01807: Updated incorrect code in Edit Check procedure that validates sub-totals in file spec N078.
3) TT 841; PSC 07-02000: The ESS admin system was updated to correctly handle totals and sub-totals in the SEA Migrant Students eligible file (N53).

5.0 SUMMARY OF IMPROVEMENTS (RELEASE 3.0C)

5.1 ESS Application Updates

ESS Release 3.0c (January 29, 2007) includes the following new system functionality:

1) PSC 06-02013: Updated Data Framework to correct the definition of Removal Length related to the N006 file specification. The Data Framework was updated to change "Less than 10 days" to "Greater than 10 days". This was causing submitted files to trigger a large number of validation error e-mails.
2) PSC 07-01365: Improve performance of CSPR View User Status page.
3) Fixed edit user page and user login page for cases where Indian ED entity has special character in name.
4) TT 843: Improved performance of validation for large files (especially membership files).

6.0   SUMMARY OF IMPROVEMENTS (RELEASE 3.0D)

6.1   ESS Application Updates

ESS Release 3.0d (February 5, 2007) includes the following new system functionality:

1)   TT 851; PSC 07-02717: Updated incorrect code in Edit Check procedure that validates sub-totals in file spec N075.
2)   TT 846; PSC 07-02203: Modified validation edit to ignore NCES IDs that are submitted as all spaces in fixed width, tab delimited, and comma delimited files.

6.2   ESS Documentation Updates

The following documentation was updated for Release 3.0d.

SY 2006-07 File Specifications

Document	Version	Description of Change	Ticket #
N/X029	3.1	• Updated guidance for mailing address. • Corrected URL pointing to County FIPS codes • Added Educational Agency Type Code "4" as option to add LEA Supervisory Union Identifier to. • Added verbiage that allows Regional Education Agencies to have a Supervisory Union ID.	07-01768 07-01462 07-01802
N/X063	3.0	Updated for 2006-07 OMB package.	N/A
N/X064	3.0	Updated for 2006-07 OMB package.	N/A
N/X067	3.0	Updated for 2006-07 OMB package.	N/A
N/X089	3.1	Updated the table in section 2.1 to change "optional" to "mandatory" in the comment column in for Categories C (Sex) and D (LEP).	07-04865

SY 2005-06 File Specifications

Document	Version	Description of Change	Ticket #
N/X003	2.2	Added a note in section 1.1 to indicate that the SY 2005-06 version of the spec removed the permitted value "s" for science.	06-07900
X006	2.1	Changed the permitted value for FILELAYOUTTYPE.	06-07869
N/X010	2.2	Updated guidance section to clarify that transfers should be reported for the 2005-06 school year.	06-05453
N035 X035	2.1 2.2	Added more detailed guidance regarding submitting full dollar amount at LEA and SEA levels	06-10062

Document	Version	Description of Change	Ticket #
		Updated definition of full dollar amount in the SEA data record Updated Appendix A-2 to add 3 programs - 84.287, 84.332A, and 84.369.	
N/X050	2.1	Added footnote to use "not collected" value as necessary and updated definition of LEP Status (Multiple) and cancelled former LEP permitted values	06-04280
X054	2.1	Changed permitted value of MEP Session Type (Services).	07-00418
N/X086	2.1	Updated guidance section to explain the use of permitted values related to expulsion. Changed length of Filler field in LEA Data Record from 15 to 20.	06-04503 07-04365
N/X092	2.1	The permitted value "s" for science was removed from the category "Academic Subject (assessment)."	06-08291
X092		Changed permitted value for the File Layout Type.	07-04636
X093	2.1	Changed permitted value for the File Layout Type.	07-04636
N/X097	2.1	Removed "unduplicated" from the Table Name definition.	06-04476
N/X098	2.1	Added permitted value to RLIS Purpose for activities authorized under Title I, Part A	06-07807
N106	2.1	The file type permitted values were corrected for the LEA and School levels	07-04901
X110	2.1	Changed Table Type XML Object Table Name from RLAPRTSTS to RLAPRTSTAT.	06-11280

SY 2003-05 File Specifications

Document	Version	Description of Change	Ticket #
N003 X003	1.1 1.2	Delete "unduplicated" from the Table Name definition and added note that number is unduplicated at academic subject level. Added note to ensure the Grand total is larger than the detail.	06-04324
N059 X059	1.3 1.2	Updated the category tables to be consistent with other file specs. Replaced the Subtotal and Grand total columns with Total Indicator.	06-04662

SY 2006-07 XML Validation Schemas

Document	Version	Description of Change	Ticket #
pbdmi-code-sets-3.xsd	3.0	Updated with latest code sets for all Early and Middle files.	N/A
x063-sea-teacher-qual-elem-3.xsd	3.0	Updated for SY 2006-07 OMB package.	N/A
x063-lea-teacher-qual-elem-3.xsd	3.0	Updated for SY 2006-07 OMB package.	N/A
x063-school-teacher-qual-elem-3.xsd	3.0	Updated for SY 2006-07 OMB package.	N/A

Document	Version	Description of Change	Ticket #
x064-sea-teacher-secondary-3.xsd	3.0	Updated for SY 2006-07 OMB package.	N/A
x064-lea-teacher-secondary-3.xsd	3.0	Updated for SY 2006-07 OMB package.	N/A
x064-school-teacher-secondary-3.xsd	3.0	Updated for SY 2006-07 OMB package.	N/A
x067-sea-title-III-teachers-3.xsd	3.0	Updated for SY 2006-07 OMB package.	N/A
x067-lea-title-III-teachers-3.xsd	3.0	Updated for SY 2006-07 OMB package.	N/A
x046-sea-lep-program-3.xsd	3.0	Corrected error that produced validation error.	07-05867
x046-lea-lep-program-3.xsd	3.0	Corrected error that produced validation error.	07-05867
x046-school-lep-program-3.xsd	3.0	Corrected error that produced validation error.	07-05867
x089-sea-idea-disabled-ec-3.xsd	3.0	Corrected error that produced validation error.	07-05867
x089-lea-idea-disabled-ec-3.xsd	3.0	Corrected error that produced validation error.	07-05867
x112-sea-special-ed-paraprof-3.xsd	3.0	Corrected error that produced validation error.	07-05867
x112-lea-special-ed-paraprof-3.xsd	3.0	Corrected error that produced validation error.	07-05867

SY 2006-07 XML Stylesheets

Document	Version	Description of Change	Ticket #
x063-teacher-qual-elem-3.xsl	3.0	Updated for SY 2006-07 OMB package.	N/A
x064-secondary-teachers-3.xsl	3.0	Updated for SY 2006-07 OMB package.	N/A
x067-title-III-teachers-3.xsl	3.0	Updated for SY 2006-07 OMB package.	N/A

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