U.S. DEPARTMENT OF EDUCATION

Education Data Exchange Network (EDEN)

EDEN Submission System Release Notes

Version 6.1
SY 2009-10

April 2010

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Version Number	Date	Summary of Change
6.1	March 2010	Includes updates related to SCRs (Release) 6.1.
6.1D	April 2010	Includes updates related to SCRs (Release) 6.1D.
6.1F	April 2010	Includes updates related to SCRs (Release) 6.1F.

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PREFACE

This document provides a description of the technical enhancements to the EDEN Submission System (ESS) version 6.1 released in March 2010 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 improvements, including new features, data quality measures, reporting enhancements, etc., that have been made to the system with the new software release.

This document lists all system enhancements and documentation updates that were implemented with the ESS 6.1 series of releases. The majority of the enhancements include support for ongoing enhancements and maintenance of the ESS.

Where applicable, items are prefixed with corresponding System Information Request (SIR) numbers. For example, "Ticket 123" refers to the SIR opened by the software development team. "PSC 123456" refers to the SIR opened by the Partner Support Center.

2.0 SUMMARY OF IMPROVEMENTS (RELEASE 6.1)

2.1 ESS Application Updates

The primary purpose of the ESS 6.1 release (March 25, 2010) is to include the enhancements to the EDEN Submission System (ESS) required to prepare the CCD extract generation process for the 2009-10 school year. Each new school year requires updates to the auto-generated CCD extracts to include data for that school year for the purposes of non-fiscal education data analysis by NCES. Per NCES's request for greater congruency with EDEN data, the extracts have been updated to include more directory fields and additional details for student count data.

In addition to the updates to the CCD extracts for NCES's use, ESS 6.1 includes the following new ESS system functionality:

1) Ticket 506 - ESS Enhancement - Enable 09-10 specs with No Technical Changes.
    a) 12 Non-XML Specifications.
    b) 12 XML Specifications.
    c) 12 XSD Schema.
    d) 12 XSL Stylesheets.
    e) Data Framework updates including file and Data Group name changes approved by ECRB for SY 2009-10.

2) Ticket 508 - New N/X002 - CWD Edits
    a) Nine new school level submission edits to be implemented to improve data quality in N/X002.

3) Ticket 511 - ESS Enhancement - Allow N/X035 Submission for Closed, Inactive, Future.
   a) Modify Validation business rule ER-91 such that it allows N/X035 to be submitted for education units with Operational Statuses of Closed, Inactive, or Future.

4) Ticket 659 - New CFDA codes for N/X035.
   a) For SY 2007-08, implement three newly requested CFDA codes: 84.144F, 84.323A and 84.363A.

5) Ticket 919 – New CFDA code for N/X035
   a) For SY 2007-08, implement code 84.377.

6) Ticket 521 - Change Race data collection for N/X041
   a) Change N/X041 for SY 2008-09 from major racial to 5/7RE.
   b) New RE Cluster is Title1.
   c) Added new submission edits to ensure that detail records equal totals for N/X041 submitted using 7 RE values.

2.2 ESS 6.1 Documentation Updates

2.2.1 SY 2009-10 File Specifications

The following table lists all of the SY 2009-10 specifications that have been enabled in ESS with Release 6.1. Updates made to the specification or associated Data Groups for SY 2009-10 are indicated in the column labeled "Data Collection Change for SY 2009-10.

Table 1 - New SY 2009-10 File Specifications Enabled with ESS 6.1.

DG ID	Data Group	File ID	File Name	Due Date	Area	Data Collection Change for SY 2009-10
381	Teacher quality in elementary classes table	063	Teacher Quality in Elementary Classes	12/16/10	Teacher quality	None.
383	Teacher quality in core secondary classes table	064	Teacher Quality in Core Secondary Classes	12/16/10	Teacher quality	None.
555	Mathematics participation status table	108	Mathematics Participation Status	12/31/10	Accountability (Yes/No)	None.
554	AMO mathematics status table	109	AMO Mathematics Status	12/31/10	Accountability (Yes/No)	None.
553	Reading/language arts participation status table	110	Reading/Language Arts Participation Status	12/31/10	Accountability (Yes/No)	None.
552	AMO reading/language arts status table	111	AMO Reading/Language Arts Status	12/31/10	Accountability (Yes/No)	None.
629	N or D academic achievement table - LEA	125	N or D Academic Achievement - LEA	2/17/11	N or D	None.

DG ID	Data Group	File ID	File Name	Due Date	Area	Data Collection Change for SY 2009-10
657	N or D participation table for LEAs	127	N or D Participation - LEA	2/17/11	N or D	None.
678	LEP enrolled tables	141	LEP Enrolled	12/16/10	LEP and Title III	None.
695	Graduation rate four year adjusted cohort	150	Graduation Rates for High School Adjusted Cohort	1/31/11	Accountability	None.
697	Graduation rate extended year adjusted cohort	150	Graduation Rates for High School Adjusted Cohort	1/31/11	Accountability	None.
686	Corrective actions table	152	Corrective Actions	12/16/10	Accountability	None.
687	Restructuring action table	153	Restructuring Actions	12/16/10	Accountability	None.

2.2.2 SY 2009-10 File Specification and Data Group Name Changes

The following table lists the file specification and/or data group name changes that were approved for SY 2009-10 and were implemented with ESS 6.1. Name changes did not result in changes to the record layouts for the affected specifications. File type and table type names were not impacted.

Table 2 - SY 2009-10 File Specification and Data Group Name Changes

DG ID	File ID	Current DG Name	Revised DG Name	Current File Name	Revised File Name
151	050	Title III LEP Students English Language Proficiency Table	Title III LEP English language proficiency results table	(no change)	(no change)
--	064	(no change)	(no change)	Teacher Quality in Secondary Classes	Teacher Quality in Core Secondary Classes
555	108	Participation Status Math Tables	Mathematics participation status table	Status - Math Participation	Mathematics Participation Status
554	109	Proficiency Target Status Math Status Tables	AMO mathematics status table	Status - Math Proficiency Target	AMO Mathematics Status
553	110	Participation Status Reading/Language Arts Tables	Reading/language arts participation status table	Status - Reading/Language Arts Participation	Reading/Language Arts Participation Status
552	111	Proficiency Target Status Reading/Language Arts Status Tables	AMO reading/language arts status table	Status - Reading/Language Arts Proficiency Target	AMO Reading/Language Arts Status
629	125	N or D Academic Outcomes Tables (LEAs) (Long Term)	N or D academic achievement table - LEA	N or D - Academic Outcomes (LEA)	N or D Academic Achievement - LEA

2.2.3 SY2009-10 ESS Business Rule Updates

New and/or updated business rules described in items 2, 3, and 6 of section 2.1 above are included in the Business Rules Guide v6.1 posted on www.ed.gov at the following link:

http://www.ed.gov/about/inits/ed/edfacts/business-rules-guide.html

3.0 SUMMARY OF IMPROVEMENTS (RELEASE 6.1D)

ESS releases 6.1A through 6.1C did not include any new system-wide ESS improvements. The 6.1D release (April 16, 2010) included the following new ESS system functionality:

3.1 ESS Application Updates

1) PSC Ticket #120128; SI Ticket #1035 – Change submission edit Rule ID S052-R60 from an error to a warning.

   Submission edit S052-R60 identifies when there was a membership count reported for a Grade, while that Grade was not reported as a Grade Offered by the LEA. The edit was documented as warning in the ESS Business Rules Guide, but was being displayed as an error in the ESS Submission Error Report. In the fix, the edit was modified to display as a warning in the system.

2) PSC Tickets #113582 and #113813, SI Ticket #281 – Modify business rules to allow reopening of schools closed dating back to SY 2006-07

   The ESS 6.0 release (January 19, 2010) included enhancements intended to allow the re-opening of LEAs and schools that were closed as far back as SY 2006-07. Despite the enhancements, validation edit ER-110 continued to trigger when an LEA or school that a state intended to reopen in the current year did not match a directory record in the current or prior school year. In the fix, ER-110 was modified such that it no longer takes Operational Status = 8 (Reopened) into account. A new validation edit, ER-121, was also implemented to ensure that the NCES ID for an LEA or school with Operational Status = 8 match an existing record in ESS that was previously closed.

   Please note that match edits reported in the Match Error Report (Submission Error Report > Reports > Match Error Report) will continue to trigger when an LEA or school that has been reopened does not match a prior year record. Match edits M-01 and M-07 shall be modified in accordance with the new policy for reopening education units in an upcoming ESS update.

Table 3 - Updated Business Rule Details for ER-110 and ER-121

Rule ID	New Edit Definition	New Edit Logic	New Error Message
ER-110	This edit identifies when the submitted NCES ID for an education unit with a current Operational Status other than "8" (Reopened) does not match an ID in the current year or the prior year.	For any LEA or school with a current Operational Status of 1 (Open), 2 (Closed), 3 (New), 4 (Added), 5 (Changed Boundary/Agency), 6 (Inactive), or 7 (Future), NCES ID not matched with current year or prior year data.	NCES ID not matched with current year or prior year data (OPSTATUS 1-7 only)
ER-121	This edit identifies when the submitted NCES ID for an education unit with a current Operational Status of "8" (Reopened) does not match an NCES ID for an education unit that was closed in the current year or any previous year.	For any LEA or school with a current Operational Status of 8 (Reopened), NCES ID not matched with current year or any previous year dating back to SY 2006-07.	NCES ID w/OPSTATUS 8 must = NCES ID that was previously closed.

3.2 ESS Documentation Updates

3.2.1 SY2007-08 File Specifications

Spec	Version	Description of Change	Ticket #
N/X035	4.3	• Added new CFDA codes 84.144F, 84.323A, 84.363A and 84.377.	SI #659 And SI #919

3.2.2 SY2008-09 File Specifications

Spec	Version	Description of Change	Ticket #
N065	5.1	• 5.2 – Table 5.2-1 – Corrected LEA level data record layout by removing a filler field that was inserted between Staff Category (MEP) and Staff Category (Title I).	PSC #113614
N/X032	5.1	• 1.2 – Table 1.2-1 – Added "Type of Count" requirements and corrected "Zero Counts" requirements at SEA and LEA levels.	PSC #114663
X134	5.1	• 1.2 – Table 1.2-1 – Corrected zero counts requirements for SEA level.	PSC #115604

3.2.3 SY2009-10 File Specifications

Spec	Version	Description of Change	Ticket #
N065	6.1	• 5.2 – Table 5.2-1 – Corrected LEA level data record layout by removing a filler field that was inserted between Staff Category (MEP) and Staff Category (Title I).	PSC #113614
N/X032	6.1	• 1.2 – Table 1.2-1 – Added "Type of Count" requirements and corrected "Zero Counts" requirements at SEA and LEA levels.	PSC #114663

Spec	Version	Description of Change	Ticket #
X134	6.1	• 1.2 – Table 1.2-1 – Corrected zero counts requirements for SEA level.	PSC #115604
N/X059	6.1	• 2.0 – Revised answer to question, "How are school counselors reported?" • 2.0 – Revised answer to question, "Are records required for each permitted value in staff category?"	PSC #113874
N/X059	6.2	• 2.0 – Revised answer to question, "Are records required for each permitted value in staff category?"	PSC #116425
N/X029	6.1	• 2.3.1 – Revised LEA and School level descriptions for "Inactive" and "Reopened" Operational Statuses. • 2.3.3 – Revised Description for Education Agency Type 8, "Other Education Agencies." • 8.5 – Corrected dates in Effective Date process discussion.	PSC #113620
N/X029	6.2	• 2.3.4 - Revised guidance on school types.	PSC #118047
N/X003	6.1	• 6.0 – Corrected IDEA Data Collection Description for Table Section E.3B.	PSC #110876
N/X006	6.1	• 1.2 – Table 1.2-1 – Corrected Core Reporting Requirements for SEA-level Zero Counts.	Doco Log #135
N/X009	6.1	• 1.2 – Table 1.2-1 – Corrected Core Reporting Requirements for SEA-level Zero Counts. • 1.2 – Table 1.2-1 – Corrected Reporting Period • 2.0 – Deleted question: "What is the reporting period for this file?"	Doco Log #135
N/X093	6.1	• 1.2 – Table 1.2-1 – Corrected Core Reporting Requirements for SEA-level Zero Counts. • 6.0 – Corrected IDEA Data Collection Description for Table Section E.3B.	Doco Log #135
N/X146	6.1	• 1.2 – Corrected Core Reporting Requirements for SEA-level Zero Counts. • 4.3.3 and 5.3.3 – Corrected section titles and corrected table names in examples.	Doco Log #135

3.2.4 ESS Business Rules Guide

The ESS Business Rules Guide shall be updated to reflect the business rule updates described in section 3.1, item #2 above.

4.0 SUMMARY OF IMPROVEMENTS (RELEASE 6.1F)

ESS releases 6.1F (April 30, 2010) included the following new ESS system functionality:

4.1 ESS Application Updates

1. PSC Ticket # 119109 – SI Ticket #1048 – Disable submission edit S052-R88 for all states.

   The edit logic for Rule ID S052-R88 is: "For each Race/Sex and Race/Grade

Subtotal, sum the detail counts that would make up that subtotal value. Raise the error if the calculated sum of the detail counts is not equal to the subtotal value."

A state did not have students identified by race in its SY 2009-10 school-level Membership file, so it had totals that were larger than the sum of the detail counts. This is acceptable according to the guidance in the file spec which states, “If the count provided is either a subtotal or total of the education unit, it must be equal to or greater than the sum of its parts.”

The above action resulted in a large number of S052-R88 errors. In the fix, the submission edit was disabled.

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