Business Rules Single Inventory 2018

Companion Document

# **Single Inventory Overview**

The purpose of the ED*Facts* Business Rules Single Inventory is to publish a single inventory for State Educational Agencies (SEAs) of the data quality (DQ) business rules applied to ED*Facts* data throughout the lifecycle of that data. The inventory includes currently published submission rules as well as post-submission DQ rules that have not been officially published prior to 2018. This will increase transparency in post-submission DQ review processes and provide SEAs with the opportunity to check data prior to submission.

The inventory is in an Excel spreadsheet in a similar structure to the currently published Business Rules Guides. The Excel format allows states to filter or sort by rule characteristics across DQ efforts. For example, you can filter by the assessment file specifications or data groups to get a list of DQ rules applied through ESS submission rules and CDQR and IDEA post-submission rules.

In the initial version of the ED*Facts* Business Rules Single Inventory, the rule types and formats for rule IDs, definition, rule Logic, error message, and edit formula align with the legacy material. In future iterations of the Single Inventory, we plan to standardize across systems of publication.

**Note:** Rule IDs have not been assigned to E*MAPS* business rules at this time. The error messages for these business rules are unique within collection and can be used as a reference.

# **Single Inventory Contents**

***Previously published:***

1. ED*Facts* Submission System (ESS) (SY 2017-18)
2. Consolidated State Performance Report (CSPR) (SY 2016-17)
3. Data Management System (DMS) (SY 2017-18)

***First-time publication in version 1.0:***

1. Individuals with Disabilities Education Act (IDEA) post-submission data quality reviews

Part B:

* + Assessment (SY 2016-17)
	+ Child Count (SY 2017-18)
	+ Discipline (SY 2016-17)
	+ Dispute Resolution (SY 2016-17)
	+ Exiting (SY 2016-17)
	+ MOE & CEIS (SY 2016-17)
	+ Personnel (SY 2016-17)

Part C

* + Child Count (SY 2017-18)
	+ Dispute Resolution (SY 2016-17)
	+ Exiting (SY 2016-17)
1. Assessment Data Post-Submission Coordinated Data Quality Review (CDQR) (SY 2016-17)
2. Adjusted-Cohort Graduation Rate (ACGR) data Post-Submission Coordinated Data Quality Review (CDQR) on (SY 2016-17)

***First-time publication in version 1.1:***

1. ED*Facts* Metadata and Process System (E*MAPS*)
	1. IDEA Part B MOE & CEIS
	2. IDEA Part B Dispute Resolution
	3. IDEA Part C Dispute Resolution
	4. IDEA Part C Exiting
	5. IDEA Part C Child Count

Business rules to potentially be added in the near future:

1. Data Quality Summary Reports (DQSR)

# **Single Inventory LAYOUT**

| **Position** | **Column Name** | **Description** |
| --- | --- | --- |
| 1 | DQ Phase | When the rule is run |
| 2 | Publication | The application or Data Quality Review process that displays the rule |
| 3 | Implementation | The application or Data Quality Review process that executes the rule |
| 4 | Scope | The data set that uses the rule (e.g. IDEA Part B discipline or Assessment data) |
| 5 | Steward | Program office that stewards the data group for the rule |
| 6 | Rule ID | ID assigned to the rule |
| 7 | Rule Type | Type or category of rule to be executed (these various among applications and post-submission DQ reviews) |
| 8 | Failure Classification | Consequence of the rule failing: Error, Error with override, or Warning |
| 9 | Data / Format | Indicates whether the rule applies to the content or format of the data submitted |
| 10 | SEA | Indicates whether the rule is applied at the SEA level file |
| 11 | LEA | Indicates whether the rule is applied at the LEA level file |
| 12 | SCH | Indicates whether the rule is applied at the school level file |
| 13 | Other | Indicates whether the rule is applied at an Other level (e.g., Charter Authorizers or Management Organizations) |
| 14 | FS | Identifies the file specification used in the rule |
| 15 | DG | Identifies the data group used in the rule |
| 16 | Data Source - E*MAPS* Survey | Identifies the E*MAPS* survey used in the rule |
| 17 | Question Number (CSPR, E*MAPS*) | Identifies the E*MAPS* or CSPR question used in the rule |
| 18 | Definition | Description of the rule |
| 19 | Rule Logic | Detailed explanation of when the business rule passes or fails |
| 20 | Error Message | Error message or comment to state; explanation of rule failure provided to the submitter |
| 21 | Edit Formula | Rule logic as a formula |
| 22 | Change from Prior Year Flag | Indicates if rule changed from the previous year or is a new rule |
| 23 | DQ Review 1 | Indicates if rule is evaluated during post-submission DQ Review 1 |
| 24 | DQ Review 2 | Indicates if rule is evaluated during post-submission DQ Review 2 |
| 25 | DQ Review 3 | Indicates if rule is evaluated during post-submission DQ Review 3 |