

**NYS Data Validation Service (Certify)**  
**Service Overview**  
**July 2009**



**Screen Shots**

Table	Column	Validity Constraint	S	# Violations	% Violations
Demographic	FirstName		1	12	0.36%
Demographic	LastName		1	9	0.27%

  

Table	Column	Data Dependency Rule	S	# Violations	% Violations
Enrollment	EnrollmentEntryCode	2032 - V3.04 VWF: Enrollment record needs a corresponding grade 9 entry date in demographics record	1	36	1.00%
Enrollment	EnrollmentEntryCode	2034 - VWF: No Grade 9 entry Date in demographic record	1	36	1.00%
Program_Service	ProgramCode	3041 - Duration of LEP greater than 0 required in demographics record	2	76	1.98%
Program_Service	ProgramIntensity	3027 - Missing Program Intensity Code	2	21	0.54%
Program_Service_CTE	EndingDate	3018 - Exit Code 1 equal to 646 or 663 required for extended CTE programs	2	16	7.44%
Program_Service_CTE	ExitReason	3021 - 646 or 663 Exit code expected for Exit Code 1	2	93	43.26%
Program_Service_Safety_Net	StudentID	3059 - A student cannot have a Safety net and Alternate Assessment record during the same time period	2	54	3.46%

  

StudentID	SchoolYear	LocationCode	FirstName	MiddleName	LastName	ProgramCode	SubProgramCode	BeginningDate	ProgramIntensity	ERROR_TYPE
187	2009	16	Ja'Nay			CTE	1	7/1/2008 12:00:00 AM	(NULL)	Business Rule
187	2009	16	Ja'Nay			CTE	2	7/1/2008 12:00:00 AM	(NULL)	Business Rule
187	2009	16	Ja'Nay			CTE	3	7/1/2008 12:00:00 AM	(NULL)	Business Rule
121	2009	16	Nicholas			CTE	1	7/1/2008 12:00:00 AM	(NULL)	Business Rule
121	2009	16	Nicholas			CTE	2	7/1/2008 12:00:00 AM	(NULL)	Business Rule
121	2009	16	Nicholas			CTE	3	7/1/2008 12:00:00 AM	(NULL)	Business Rule
549	2009	16	Lizeth	(NULL)		CTE	1	7/1/2008 12:00:00 AM	(NULL)	Business Rule
549	2009	16	Lizeth	(NULL)		CTE	2	7/1/2008 12:00:00 AM	(NULL)	Business Rule
549	2009	16	Lizeth	(NULL)		CTE	3	7/1/2008 12:00:00 AM	(NULL)	Business Rule
487	2009	16	Armando	(NULL)		CTE	1	7/1/2008 12:00:00 AM	(NULL)	Business Rule
487	2009	16	Armando	(NULL)		CTE	2	7/1/2008 12:00:00 AM	(NULL)	Business Rule
487	2009	16	Armando	(NULL)		CTE	3	7/1/2008 12:00:00 AM	(NULL)	Business Rule
628	2009	16	Joshua			CTE	1	7/1/2008 12:00:00 AM	(NULL)	Business Rule
628	2009	16	Joshua			CTE	2	7/1/2008 12:00:00 AM	(NULL)	Business Rule
628	2009	16	Joshua			CTE	3	7/1/2008 12:00:00 AM	(NULL)	Business Rule
736	2009	16	Lanayah	(NULL)		CTE	1	7/1/2008 12:00:00 AM	(NULL)	Business Rule
736	2009	16	Lanayah	(NULL)		CTE	2	7/1/2008 12:00:00 AM	(NULL)	Business Rule
736	2009	16	Lanayah	(NULL)		CTE	3	7/1/2008 12:00:00 AM	(NULL)	Business Rule
855	2009	16	David J	(NULL)		CTE	1	7/1/2008 12:00:00 AM	(NULL)	Business Rule
855	2009	16	David J	(NULL)		CTE	2	7/1/2008 12:00:00 AM	(NULL)	Business Rule
855	2009	16	David J	(NULL)		CTE	3	7/1/2008 12:00:00 AM	(NULL)	Business Rule

The red arrows show that there are “21” student records failing a State Reporting rule.

**Certify - Data Quality Report Card - Microsoft Internet Explorer**

Address: http://166.109.22.116/runReportCard.do

**Data Quality Report Card**

- Organization Name:
- Database Name:
- Report Description:
- Observation Name: District Validation
- Observation Run(s): 7/28/2009 7:48:54 PM
- Report Comments:

# Data Sources: 0 # Columns: 0 # Rows: 0

**Data Quality Indexes**

- Data Quality Certification Index™: 81.67%
  - # Rows with 0 Violations: 10,022
  - # Rows with 1 Violation: 901
  - # Rows with 2 Violations: 4,279
  - # Rows with 3 Violations: 122
  - # Rows with 4 or more Violations: 431
- Database Integrity Index™: 50.00%
  - # Tables with Primary Key Violations: 1
  - # Tables with Row Uniqueness Violations: 1
  - # Tables with Foreign Key Violations: 0
- Business Rule Quality Index™: 97.94%
  - # Empty Columns: 0
  - # Incomplete Mandatory Columns: 0
  - # Columns with Invalid Values: 2
  - # Data Dependency Rules with Violations: 18

**Certify - Data Quality Report Card - Microsoft Internet Explorer**

Address: http://166.109.22.116/runReportCard.do

**Data Quality Report Card**

- Organization Name:
- Database Name:
- Report Description:
- Observation Name: District Validation
- Observation Run(s): 12/15/2008 10:55:23 AM
- Report Comments:

# Data Sources: 0 # Columns: 0 # Rows: 0

**Data Quality Indexes**

- Data Quality Certification Index™: 99.43%
  - # Rows with 0 Violations: 15,818
  - # Rows with 1 Violation: 249
  - # Rows with 2 Violations: 55
  - # Rows with 3 Violations: 0
  - # Rows with 4 or more Violations: 0
- Database Integrity Index™: 50.00%
  - # Tables with Primary Key Violations: 1
  - # Tables with Row Uniqueness Violations: 1
  - # Tables with Foreign Key Violations: 0
- Business Rule Quality Index™: 99.92%
  - # Empty Columns: 0
  - # Incomplete Mandatory Columns: 0
  - # Columns with Invalid Values: 2

The red arrows note changes in data quality over a period of months, from 81.67% to 99.43%.