WAREHOUSE FILE SPECIFICATIONS

Warehouse wh student attendance

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General Information

This document describes the data elements collected by the Nebraska Statewide Workforce & Educational Reporting System (NSWERS). Valid values and data validation rules that can be performed prior to data submission are listed where appropriate.

High-Level Data Collection Workflow

Scope

All students enrolled in courses (for credit AND/OR noncredit) at the institution for given academic year.

File Names

File Specification	*File Name*
Warehouse wh student attendance	#####_warehouse_whstudentattendance_YYYY_##.csv

Where	Represents
#####	IPEDS Institution ID
YYYY	Academic Year Ending
##	Optional sequence Number

Data Element Names

The following syntax is used throughout this document when referencing data elements.

Format: *NSWERS Field Name [File Specification: Field Name (Field Number)] where:

- An asterisk (*) indicates the data element is a mandatory field. A non-blank or non-null value must be supplied in all mandatory fields for each record, or the data loading process will reject the record.
- NSWERS Field Name represents the name of the data element commonly used by the Nebraska Statewide Workforce & Educational Reporting System (NSWERS).
- File Specification indicates the formal name of the file specification.
- Field Name indicates the formal name of the field within the file specification.
- Field Number indicates the position of the field within the file specification.

Academic Year Ending

The academic year is understood as July 1 – June 30. Postsecondary data will

be organized by academic year using Academic Year Ending. For example, the Academic Year Ending field for 2020 – 2021 will simply read: “2021”.

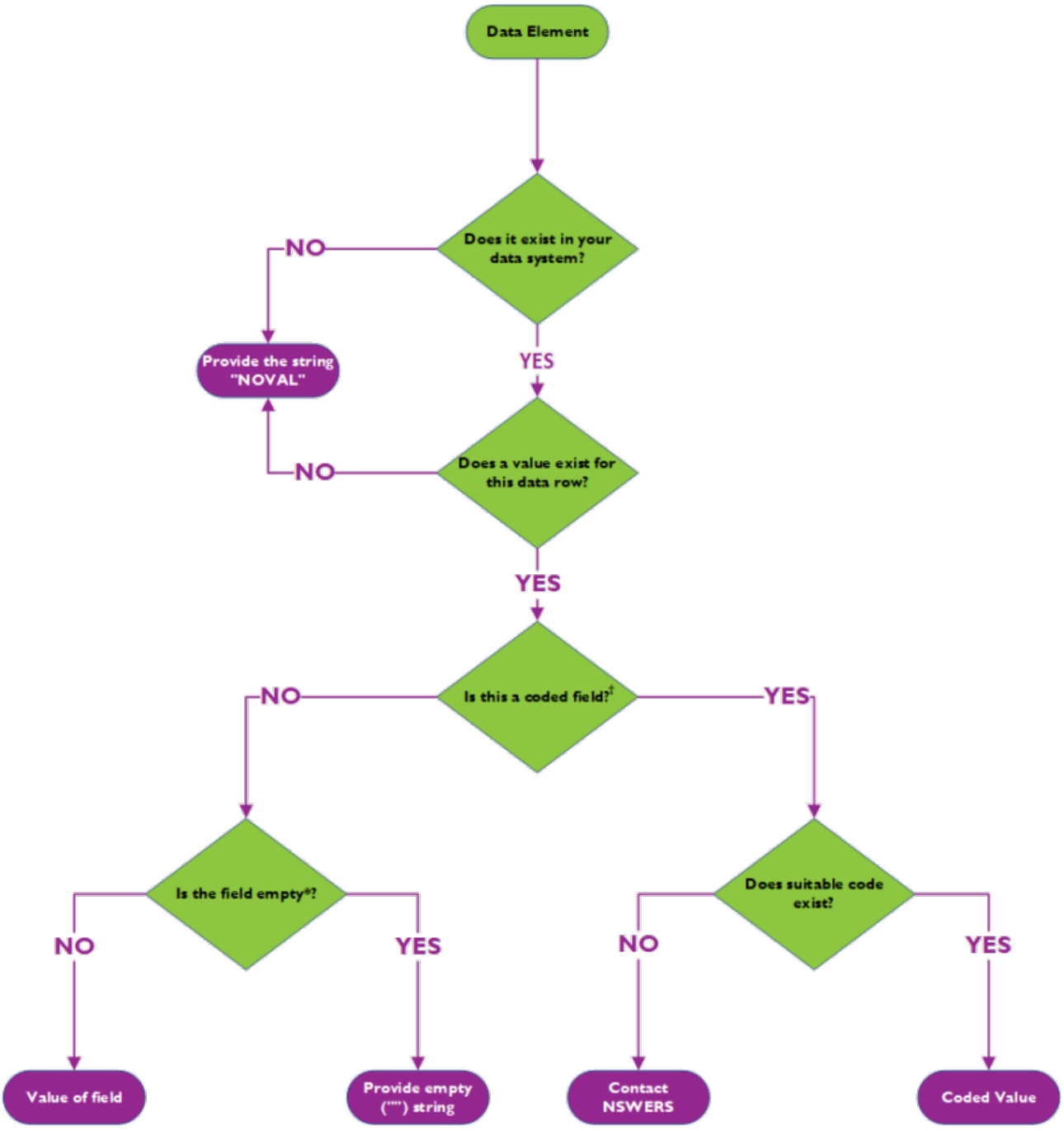
Notes of Importance

- Any values that contain a comma must be enclosed with quotes.
- Data fields should be ordered in the same sequence as identified in this document.

All files should be submitted in .csv format.

To maintain data privacy and security, and to preserve the informational chain of custody, NSWERS staff cannot edit original source data files. It is the responsibility of each data contributing partner to resolve errors discovered during data submission, validation, and certification processes. Corrected data files should be re-uploaded by partners into the NSWERS data system.

Decision Tree: Reporting for Nonmandatory Data Elements



†The field is represented by a code in the data specifications (e.g. gender, GED Status, etc)

*The field is blank or represented by a blank placeholder in your data system

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Additional details can be found on our website at
https://nswers.orgs/insights/data-dictionary-and-elements/

Nswers Id [Warehouse wh student attendance:nswers_id (1)]

Unique cross-system NSWERS student identifier. Carried from source records or membership assignments and used as the student-level join key.

A unique identifier across the NSWERS System.

Grade 09 Proportion Absent [Warehouse wh student attendance:grade_09_proportion_absent (2)]

Grade 09 absence proportion: sum(k12_attendance.days_absent) divided by days_absent plus days_present, rounded to three decimals for nonnegative attendance records.

Grade 09 Chronic Absent [Warehouse wh student attendance:grade_09_chronic_absent (3)]

Chronic-absence flag for grade 09: 1 when the corresponding proportion_absent is greater than 0.10, 0 when it is at most 0.10, and NULL when the proportion is unavailable.

Code	*Description*	*Explanation of Use*
0	No	The condition is false or was not observed.
1	Yes	The condition is true or was observed.

Grade 10 Proportion Absent [Warehouse wh student attendance:grade_10_proportion_absent (4)]

Grade 10 absence proportion: sum(k12_attendance.days_absent) divided by days_absent plus days_present, rounded to three decimals for nonnegative attendance records.

Grade 10 Chronic Absent [Warehouse wh student attendance:grade_10_chronic_absent (5)]

Chronic-absence flag for grade 10: 1 when the corresponding proportion_absent is greater than 0.10, 0 when it is at most 0.10, and NULL when the proportion is unavailable.

Code	*Description*	*Explanation of Use*
0	No	The condition is false or was not observed.
1	Yes	The condition is true or was observed.

Grade 11 Proportion Absent [Warehouse wh student attendance:grade_11_proportion_absent (6)]

Grade 11 absence proportion: sum(k12_attendance.days_absent) divided by days_absent plus days_present, rounded to three decimals for nonnegative attendance records.

Grade 11 Chronic Absent [Warehouse wh student attendance:grade_11_chronic_absent (7)]

Chronic-absence flag for grade 11: 1 when the corresponding proportion_absent is greater than 0.10, 0 when it is at most 0.10, and NULL when the proportion is unavailable.

Code	*Description*	*Explanation of Use*
0	No	The condition is false or was not observed.
1	Yes	The condition is true or was observed.

Grade 12 Proportion Absent [Warehouse wh student attendance:grade_12_proportion_absent (8)]

Grade 12 absence proportion: sum(k12_attendance.days_absent) divided by days_absent plus days_present, rounded to three decimals for nonnegative attendance records.

Grade 12 Chronic Absent [Warehouse wh student attendance:grade_12_chronic_absent (9)]

Chronic-absence flag for grade 12: 1 when the corresponding proportion_absent is greater than 0.10, 0 when it is at most 0.10, and NULL when the proportion is unavailable.

Code	*Description*	*Explanation of Use*
0	No	The condition is false or was not observed.
1	Yes	The condition is true or was observed.

Proportion Absent [Warehouse wh student

attendance:proportion_absent (10)]

High-school absence proportion across grades 9-12: total days absent divided by total days observed, rounded to three decimals.

Proportion Absent [Warehouse wh student attendance:proportion_absent (11)]

High-school absence proportion across grades 9-12: total days absent divided by total days observed, rounded to three decimals.

Chronic Absent [Warehouse wh student attendance:chronic_absent (12)]

Chronic-absence flag for grades 9-12 combined: 1 when the corresponding proportion_absent is greater than 0.10, 0 when it is at most 0.10, and NULL when the proportion is unavailable.

Code	*Description*	*Explanation of Use*
0	No	The condition is false or was not observed.
1	Yes	The condition is true or was observed.

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Key	*Position*	*Name*	*Type*	*Length*	*Format*
	1	Nswers Id	String	36	
	2	Grade 09 Proportion Absent	Float		
	3	Grade 09 Chronic Absent	Integer	1	(one of set)
	4	Grade 10 Proportion Absent	Float		
	5	Grade 10 Chronic Absent	Integer	1	(one of set)
	6	Grade 11 Proportion Absent	Float		
	7	Grade 11 Chronic Absent	Integer	1	(one of set)
	8	Grade 12 Proportion Absent	Float		
	9	Grade 12 Chronic Absent	Integer	1	(one of set)
	10	Proportion Absent	Float		
	11	Proportion Absent	Float		
	12	Chronic Absent	Integer	1	(one of set)