WAREHOUSE FILE SPECIFICATIONS

Warehouse wh student geo

Version 1.5.0

Generated 11/22/2026

Table of Contents

Table of Contents ..... p. 2
General Information ..... p. 3
Data Decision Tree ..... p. 5
Warehouse wh student geo ..... p. 6
- Nswers Id ..... p. 6
- Year ..... p. 6
- Esu ..... p. 6
- County ..... p. 6
- District ..... p. 6
- School ..... p. 6
- Legislative ..... p. 7
- Seaboard ..... p. 7
- Hsstate ..... p. 7
- Ccservicearea ..... p. 9
- Lat ..... p. 9
- Lon ..... p. 9
- Georating ..... p. 9
- Tractce ..... p. 9
- Nuboard ..... p. 9

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 geo	#####_warehouse_whstduentgeo_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”.

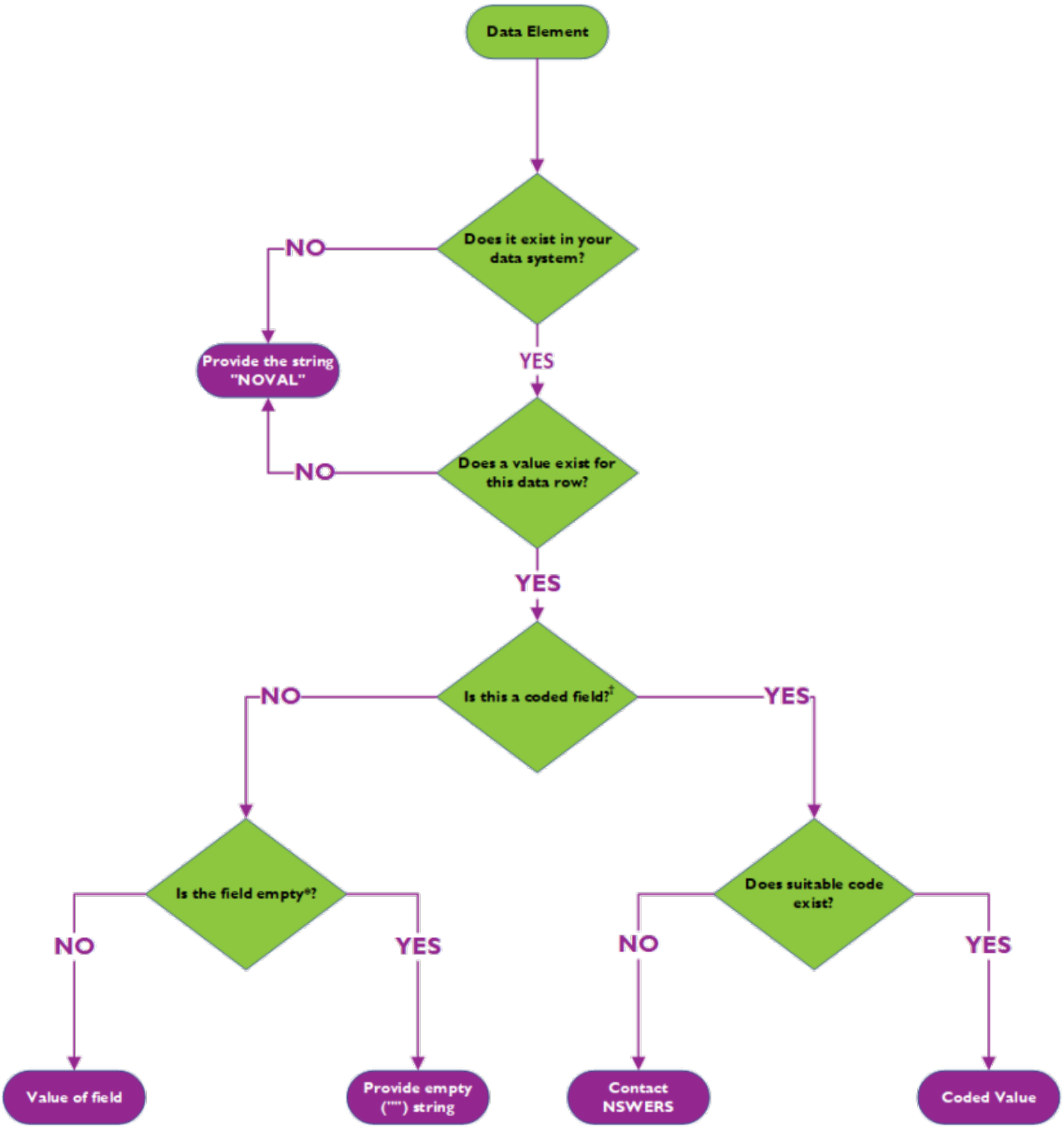
Notes of Importance

- 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

Warehouse wh student geo

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

Nswers Id [Warehouse wh student geo: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.

Year [Warehouse wh student geo:year (2)]

K-12 school_year_ending from k12_students for the school-year geography record.

Provide the literal academic year ending in the format “YYYY”. The academic year is understood as July 1 - June 30. For example, the value of the Academic Year Ending field for July 1, 2020 – June 30, 2021, would simply read: “2021”.

Format
yyyy

Esu [Warehouse wh student geo:esu (3)]

Educational service unit joined by county_district and school_year_ending.

County [Warehouse wh student geo:county (4)]

First two characters of k12_students.county_district, converted to integer.

District [Warehouse wh student geo:district (5)]

K-12 county_district code from k12_students.

Provide the number assigned to the school district/system by NDE and should include a hyphen (“-“) between county number and district number. The number is based on the county in which the district/system headquarters is located and an assigned district number.

Format
##-####

School [Warehouse wh student geo:school (6)]

Composite school identifier CONCAT(county_district, '-', school).

Format
##-####-###

Legislative [Warehouse wh student geo:legislative (7)]

Nebraska legislative district returned by the GIS lookup for the composite school; -1 marks a failed lookup.

Seaboard [Warehouse wh student geo:seaboard (8)]

State Board of Education district from the loader's embedded county-district lookup; -1 marks an unmapped district.

Hsstate [Warehouse wh student geo:hsstate (9)]

High-school state. The active loader hardcodes NE for K-12 source rows.

The code corresponding to the state in which this student graduated high school. For students still enrolled in high school, provide the code corresponding to the state in which the student's current high school is located.

The following "State of High School Graduation" codes were adapted from the United States Postal Services abbreviation for states and possessions.

Code	*Description*
10	Unknown
20	Outside of United States
AL	Alabama
AK	Alaska
AS	American Samoa
AZ	Arizona
AR	Arkansas
CA	California
CO	Colorado
CT	Connecticut
DE	Delaware
DC	District of Columbia
FM	Federated States of Micronesia
FL	Florida
GA	Georgia

Code	*Description*
GU	Guam
HI	Hawaii
ID	Idaho
IL	Illinois
IN	Indiana
IA	Iowa
KS	Kansas
KY	Kentucky
LA	Louisiana
ME	Maine
MH	Marshall Islands
MD	Maryland
MA	Massachusetts
MI	Michigan
MN	Minnesota
MS	Mississippi
MO	Missouri
MT	Montana
NE	Nebraska
NV	Nevada
NH	New Hampshire
NJ	New Jersey
NM	New Mexico
NY	New York
NC	North Carolina
ND	North Dakota
MP	North Mariana Islands
OH	Ohio
OK	Oklahoma
OR	Oregon
PW	Palau
PA	Pennsylvania
PR	Puerto Rico

Code	*Description*
RI	Rhode Island
SC	South Carolina
SD	South Dakota
TN	Tennessee
TX	Texas
UT	Utah
VT	Vermont
VI	Virgin Islands
VA	Virgina
WA	Washington
WV	West Virginia
WI	Wisconsin
WY	Wyoming

Ccservicearea [Warehouse wh student geo:ccservicearea (10)]

Community college service area looked up from the source County reference table by county number; empty string when unknown.

Lat [Warehouse wh student geo:lat (11)]

Latitude returned by the geocoder for the student's school-year address, rounded to two decimals.

Lon [Warehouse wh student geo:lon (12)]

Longitude returned by the geocoder for the student's school-year address, rounded to two decimals.

Georating [Warehouse wh student geo:georating (13)]

Geocoder match rating returned for the student's school-year address.

Tractce [Warehouse wh student geo:tractce (14)]

Census tract identifier returned by the geocoder for the student's school-year address.

Nuboard [Warehouse wh student geo:nuboard (15)]

University of Nebraska Board of Regents district from GIS using latitude/longitude when available, otherwise school; -1 marks a failed lookup.

Version 1.5.0, Last Modified 11/18/2026
Generated 11/22/2026

Warehouse wh student geo

Key	*Position*	*Name*	*Type*	*Length*	*Format*
	1	Nswers Id	String	36	
	2	Year	Date	4	yyyy
	3	Esu	Integer		
	4	County	Integer		
	5	District	String	7	##-####
	6	School	String		##-####-###
	7	Legislative	Integer		
	8	Seaboard	Integer		
	9	Hsstate	String	2	(one of set)
	10	Ccservicearea	String		
	11	Lat	Float		
	12	Lon	Float		
	13	Georating	Integer		
	14	Tractce	String		
	15	Nuboard	Integer		