REFERENCE FILE SPECIFICATIONS

Reference soc job demand

Version 1.5.0

Generated 11/24/2026

Table of Contents

Table of Contents ..... p. 2
General Information ..... p. 3
Data Decision Tree ..... p. 5
Reference soc job demand ..... p. 6
- H3 Soc ..... p. 6
- H3 Soc Title ..... p. 6
- Year ..... p. 6
- Growth ..... p. 6
- Exit ..... p. 6
- Transfer ..... p. 6
- Job Openings ..... p. 6

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*
Reference soc job demand	#####_reference_socjobdemand_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”.

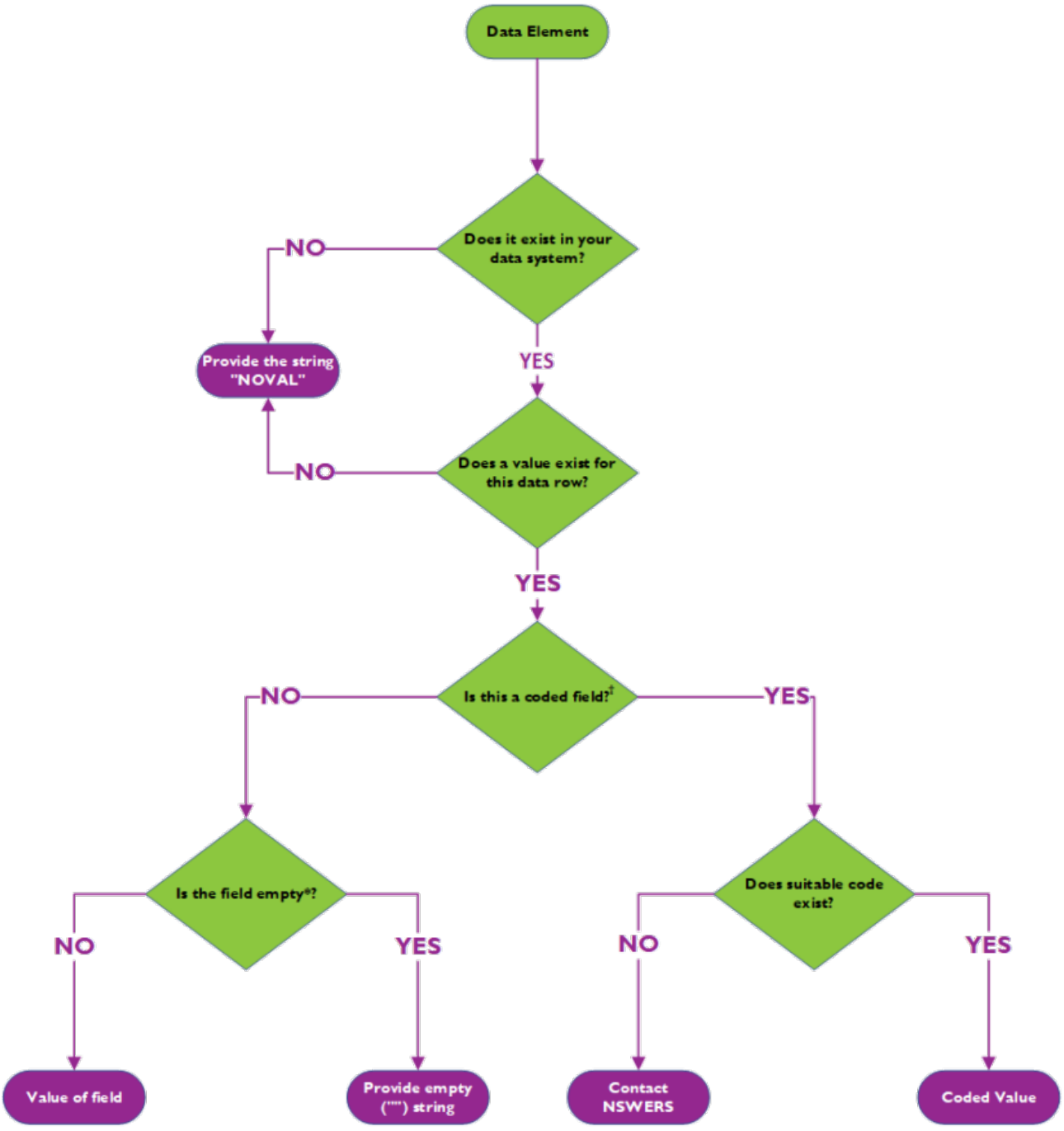
Notes of Importance

- 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

Reference soc job demand

Projected annual job openings by occupation, from Nebraska Department of Labor employment projections. Openings are split into growth, exits and transfers.

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

H3 Soc [Reference soc job demand:h3_soc (1)]

H3 occupational grouping code for the annual demand estimates.

Format
##-####

H3 Soc Title [Reference soc job demand:h3_soc_title (2)]

Occupation or grouped-occupation title corresponding to h3_soc.

Year [Reference soc job demand:year (3)]

Four-digit year for the occupational demand estimates.

Format
yyyy

Growth [Reference soc job demand:growth (4)]

Estimated openings attributable to occupational growth for h3_soc and year.

Exit [Reference soc job demand:exit (5)]

Estimated openings attributable to workers exiting the labor force for h3_soc and year.

Transfer [Reference soc job demand:transfer (6)]

Estimated openings attributable to occupational transfers for h3_soc and year.

Job Openings [Reference soc job demand:job_openings (7)]

Total estimated job openings, calculated as growth + exit + transfer. This identity holds for every supplied sample row.

Version 1.5.0, Last Modified 11/18/2026
Generated 11/24/2026

Reference soc job demand

Key	*Position*	*Name*	*Type*	*Length*	*Format*
	1	H3 Soc	String		##-####
	2	H3 Soc Title	String		
	3	Year	Date	4	yyyy
	4	Growth	Float		
	5	Exit	Float		
	6	Transfer	Float		
	7	Job Openings	Float		