

# Data Sources for SkillsUSA GIS Dashboard

This document outlines the data sources used for the interactive SkillsUSA GIS dashboard. The following sections detail each data source, including a brief description and a table summarizing the key attributes of each piece of data.

## SkillsUSA Data

SkillsUSA data includes chapter characteristics such as career cluster and training program information, student demographic information, advisors, and chapter medals.

Variable	Year	Level	Source
<b>Chapter Information</b>			
Chapter Name	2021, 2022, 2023	School/Chapter	SkillsUSA
Chapter ID	2021, 2022, 2023	School/Chapter	SkillsUSA
Chapter State	2021, 2022, 2023	School/Chapter	SkillsUSA
Chapter Division	2021, 2022, 2023	School/Chapter	SkillsUSA
Chapter Address	2021, 2022, 2023	School/Chapter	SkillsUSA
Chapter City	2021, 2022, 2023	School/Chapter	SkillsUSA
Chapter ZIP	2021, 2022, 2023	School/Chapter	SkillsUSA
Career Cluster	2021, 2022, 2023	School/Chapter	SkillsUSA
Training Program	2021, 2022, 2023	School/Chapter	SkillsUSA
Student Membership	2023	School/Chapter	SkillsUSA
<b>Advisor Information</b>			
Section ID	2023	School/Chapter	SkillsUSA
Advisor First Name	2023	School/Chapter	SkillsUSA
Advisor Last Name	2023	School/Chapter	SkillsUSA
Advisor Email	2023	School/Chapter	SkillsUSA
<b>Student Gender Information</b>			
Male Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Female Count	2021, 2022, 2023	School/Chapter	SkillsUSA
They/Them Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Legacy Not Selected Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Prefer Not To Say Count	2021, 2022, 2023	School/Chapter	SkillsUSA
No Answer Count	2021, 2022, 2023	School/Chapter	SkillsUSA
<b>Student Race/Ethnicity Information</b>			

American Indian/Alaskan Native Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Asian Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Black or African American Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Hispanic/Latino Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Hawaiian Islander Count	2021, 2022, 2023	School/Chapter	SkillsUSA
White Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Other Count	2021, 2022, 2023	School/Chapter	SkillsUSA
Prefer No Answer Count	2021, 2022, 2023	School/Chapter	SkillsUSA
<b>Chapter Medal Information</b>			
Contest	2018 - 2023	School/Chapter	SkillsUSA
Medal	2018 - 2023	School/Chapter	SkillsUSA
Year and Medal	2018 - 2023	School/Chapter	SkillsUSA
Medal Count	2018 - 2023	School/Chapter	SkillsUSA
<b>CEP Medal Quality Information 2014 - 2023</b>			
Application Year	2014 - 2023	School/Chapter	SkillsUSA
Medal	2014 - 2023	School/Chapter	SkillsUSA
Medal Sort	2014 - 2023	School/Chapter	SkillsUSA
Medal Count	2014 - 2023	School/Chapter	SkillsUSA

## National Center for Education Statistics Data

The National Center for Education Statistics (NCES) houses a large database on public elementary and secondary education in the United States. NCES data includes public school information, district information, and student information.

<https://nces.ed.gov/ccd/elsi/tablegenerator.aspx>

Variable	Year	Level	Source
School Name	SY 2022-23	Public School	NCES
State Name	SY 2022-23	Public School	NCES
School ID - NCES Assigned	SY 2022-23	Public School	NCES
Agency Name	SY 2022-23	Public School	NCES
Agency ID - NCES Assigned	SY 2022-23	Public School	NCES
Web Site URL	SY 2022-23	Public School	NCES

Location Address 1	SY 2022-23	Public School	NCES
Location City	SY 2022-23	Public School	NCES
Location State Abbr	SY 2022-23	Public School	NCES
Location ZIP	SY 2022-23	Public School	NCES
Phone Number	SY 2022-23	Public School	NCES
School Type	SY 2022-23	Public School	NCES
Locale	SY 2022-23	Public School	NCES
Latitude	SY 2022-23	Public School	NCES
Longitude	SY 2022-23	Public School	NCES
School Level (SY 2017-18 onward)	SY 2022-23	Public School	NCES
Lowest Grade Offered	SY 2022-23	Public School	NCES
Highest Grade Offered	SY 2022-23	Public School	NCES
Total Students, All Grades (Includes AE)	SY 2022-23	Public School	NCES
Free and Reduced Lunch Students	SY 2022-23	Public School	NCES
Male Students	SY 2022-23	Public School	NCES
Female Students	SY 2022-23	Public School	NCES
American Indian/Alaska Native Students	SY 2022-23	Public School	NCES
Asian or Asian/Pacific Islander Students	SY 2022-23	Public School	NCES
Hispanic Students	SY 2022-23	Public School	NCES
Black or African American Students	SY 2022-23	Public School	NCES
White Students	SY 2022-23	Public School	NCES
Nat. Hawaiian or Other Pacific Isl. Students	SY 2022-23	Public School	NCES
Two or More Races Students	SY 2022-23	Public School	NCES
Total Race/Ethnicity	SY 2022-23	Public School	NCES

# U.S. Department of Education College Scorecard

College Scorecard houses institution-level data for colleges across the United States.

<https://collegescorecard.ed.gov/data/>

Variable	Year	Level	Source
UNITID	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Name	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Address	SY 2022-23	2- and 4-Year Colleges	College Scorecard
City	SY 2022-23	2- and 4-Year Colleges	College Scorecard
State Abbreviation	SY 2022-23	2- and 4-Year Colleges	College Scorecard
ZIP	SY 2022-23	2- and 4-Year Colleges	College Scorecard
URL	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Level	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Locale	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Total Students	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Male (%)	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Female (%)	SY 2022-23	2- and 4-Year Colleges	College Scorecard
White (%)	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Black (%)	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Asian (%)	SY 2022-23	2- and 4-Year Colleges	College Scorecard
American Indian/Alaskan Native (%)	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Native Hawaiian/Pacific Islander (%)	SY 2022-23	2- and 4-Year Colleges	College Scorecard

Two or More Races (%)	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Latitude	SY 2022-23	2- and 4-Year Colleges	College Scorecard
Longitude	SY 2022-23	2- and 4-Year Colleges	College Scorecard

## U.S. Bureau of Labor Statistics – Occupational Employment and Wage Statistics

The Bureau of Labor Statistics (BLS) and Occupational Employment and Wage Statistics (OEWS) data provides a wealth of information on employment, wages, and labor market trends. This information is essential for understanding labor market information.

<https://www.bls.gov/oes/>

<https://www.bls.gov/emp/tables/education-and-training-by-occupation.htm>

Variable	Year	Level	Source
Occupation	2023	Metropolitan and Nonmetropolitan Areas	OEWS
Total Employment	2023	Metropolitan and Nonmetropolitan Areas	OEWS
Projected Employment Growth	2023	Metropolitan and Nonmetropolitan Areas	OEWS
Average Starting Hourly Wage	2023	Metropolitan and Nonmetropolitan Areas	OEWS
Average Starting Annual Wage	2023	Metropolitan and Nonmetropolitan Areas	OEWS
Typical Education Needed for Entry	2023	Occupation	BLS
Typical On-the-Job Training Needed	2023	Occupation	BLS

## American Community Survey Data, Census Bureau

The American Community Survey (ACS) provides detailed demographic, social, and economic data. This data allows users to gain understanding of community characteristics.

<https://data.census.gov/>

<https://www.arcgis.com/home/item.html?id=b0232184dfd44b709071bd33224c19aa>

<b>Variable</b>	<b>Table_Variable</b>	<b>Year</b>	<b>Geography Levels</b>	<b>Source</b>
Educational Attainment: High school graduate (includes equivalency)	DP02_0062PE	2022 5-Year Estimates		ACS
Educational Attainment: Some college, no degree	DP02_0063PE	2022 5-Year Estimates	Elementary School District, Secondary School District, Unified School District, County	ACS
Language Spoken at Home: Language other than English	DP02_0114PE	2022 5-Year Estimates	Elementary School District, Secondary School District, Unified School District, County	ACS
Unemployment Rate	S2301_C04_001E	2022 5-Year Estimates	Elementary School District, Secondary School District, Unified School District, County	ACS
Percent Below Poverty Level	S1701_C03_001E	2022 5-Year Estimates	Elementary School District,	ACS

			Secondary School District, Unified School District, County, State	
Predominant Race and Ethnicity	NA	2020	Census Tracts	2020 Census, web map layer by esri_demographics