

Supply & Demand of Secondary Agricultural Education Teachers in the United States



DEMAND: FALL 2021

Demand Survey - Block 1

Thank you for agreeing to participate in the National Ag Ed Supply and Demand Project. Your responses are very important to us. The information you provide will be helpful in assessing, and addressing, the current shortage of agriculture teachers we face across the nation. Information will be shared among agricultural education family organizations, including AAAE, NAAE, NASAE, and the National FFA Organization. National Teach Ag Campaign staff will collaborate with our team in producing and disseminating national, regional, and state profiles based upon the data gathered.

This instrument is designed to collect information regarding changes within your state's agricultural education profession since the last academic year. Please consider only CURRENT circumstances in your state. Use September 15, 2021 as the baseline date for responses.

Your participation in this research is entirely voluntary. You may refuse to participate or withdraw at any time without consequence. Should you choose to withdraw, you may email the research team at nsd@aaaeonline.org.

Research records will be kept confidential, consistent with federal and state regulations. The Institutional Review Board for the protection of human participants at Pennsylvania State University has approved this research study, IRB#45604. If you have any questions or concerns about your rights or a research-related injury and would like to contact someone other than the research team, you may contact the IRB Administrator at 814-865-1775 or email tkahler@psu.edu to obtain information or to offer input.

Section 1: Program & Position Attrition

Between the 2020-2021 and 2021-2022 academic years, were any school-based agricultural education positions lost and/or programs closed in your state?

- No
- Yes

Please report the total **number of programs closed** in your state between the 2020-2021 and 2021-2022 academic years.

Please report the **number of positions lost** in your state between the 2020-2021 and 2021-2022 academic years.

For each of the **#{q://QID57/ChoiceTextEntryValue}** positions lost, please indicate the reason, if known.

Note: Total must match the number reported previously.

| | |
|---|--------------------------------|
| Licensed teacher not available | <input type="text" value="0"/> |
| Lack of enrollment | <input type="text" value="0"/> |
| Lack of funding | <input type="text" value="0"/> |
| Other (please explain) <input type="text"/> | <input type="text" value="0"/> |
| Unknown | <input type="text" value="0"/> |
| Total | <input type="text" value="0"/> |

Between the 2020-2021 and 2021-2022 school years, how many agricultural education teachers **left school-based Agricultural Education** and will not be returning to teach agriculture in your state this year?

For **each of the** **#{q://QID36/ChoiceTextEntryValue}** teachers who left SBAE, please indicate the reason, if known.

Note: Total must match the number reported previously.

| | |
|--|--------------------------------|
| Employment in agribusiness/industry/agency | <input type="text" value="0"/> |
| Employment in production agriculture/farming | <input type="text" value="0"/> |
| Employment in another educational content area (outside of Ag Ed) | <input type="text" value="0"/> |
| Employment as school administrator (Principal, Superintendent, CTE Director, etc.) | <input type="text" value="0"/> |
| Employment in extension/non-formal agricultural education | <input type="text" value="0"/> |
| Employment in adult education/Farm Business Management | <input type="text" value="0"/> |
| Employment as Ag Ed leader (District, State supervisor, FFA staff, etc.) | <input type="text" value="0"/> |
| Employment in postsecondary education | <input type="text" value="0"/> |
| Continuing education/graduate school | <input type="text" value="0"/> |
| Moved out of state (will continue teaching Ag Ed) | <input type="text" value="0"/> |
| Personal reasons: Health | <input type="text" value="0"/> |
| Personal reasons: Stay at home parent/caregiver | <input type="text" value="0"/> |
| Personal reasons: Retirement | <input type="text" value="0"/> |
| Personal reasons: Death | <input type="text" value="0"/> |

| | |
|-----------------------------------|--------------------------------|
| Not offered a contract/terminated | <input type="text" value="0"/> |
| Unknown | <input type="text" value="0"/> |
| Other (please explain) | <input type="text" value="0"/> |
| <input type="text"/> | |
| Total | <input type="text" value="0"/> |

Section 2: Current Status of Programs & Teachers

For the next items, please consider only **CURRENT circumstances** in your state. Use September 15, 2021 as the baseline for responses.

Please indicate the number of active **PROGRAMS** and **TEACHERS** in your state for the 2021-2022 academic year.

| | |
|--------------------------------|--|
| <input type="text" value="0"/> | School-based Agricultural Education PROGRAMS |
| <input type="text" value="0"/> | School-based Agricultural Education TEACHERS |

Please indicate the number of **FULL TIME** and **PART TIME TEACHERS** in your state for the 2021-2022 academic year.

*Note: Total number combined should equal the number of teachers reported in the preceding question. **You indicated $\{q://QID40/ChoiceNumericEntryValue/7\}$ teachers (full and part time combined).***

| | |
|---|--------------------------------|
| FULL TIME school-based Agricultural Education teachers employed | <input type="text" value="0"/> |
| PART TIME school-based Agricultural Education teachers employed | <input type="text" value="0"/> |
| Total | <input type="text" value="0"/> |

Please indicate the number of teachers in your state by **GENDER**.

*Note: Total number combined should equal the number of teachers reported in the preceding questions. **You indicated $\{q://QID40/ChoiceNumericEntryValue/7\}$ teachers (full and part time combined).***

| | |
|-----------------------------------|--------------------------------|
| Female | <input type="text" value="0"/> |
| Male | <input type="text" value="0"/> |
| Non Binary | <input type="text" value="0"/> |
| Unknown | <input type="text" value="0"/> |
| Other <input type="text"/> | <input type="text" value="0"/> |
| Total | <input type="text" value="0"/> |

Please indicate the number of teachers in your state by **RACE**.

Note: Total number combined should equal the number of teachers reported in the preceding questions. **You indicated $\{q://QID40/ChoiceNumericEntryValue/7\}$ teachers (full and part time combined).**

| | |
|---|--------------------------------|
| African American/Black, Non-Hispanic | <input type="text" value="0"/> |
| American Indian/Alaska Native | <input type="text" value="0"/> |
| Asian | <input type="text" value="0"/> |
| Bi-racial/Multi-racial | <input type="text" value="0"/> |
| Hispanic/Latino | <input type="text" value="0"/> |
| Native Hawaiian/Other Pacific Islander | <input type="text" value="0"/> |
| White, Non-Hispanic | <input type="text" value="0"/> |
| Other | <input type="text" value="0"/> |
| Unknown | <input type="text" value="0"/> |
| Total | <input type="text" value="0"/> |

We would like to know the sources of **new hires** within school-based Ag Ed in your state. Identify the most recent **professional background or preparation** of all new hires.

Note:

A "program completer" is a candidate who has fulfilled program area teacher licensure requirements. This may be considered a program graduate in some cases.

An "alternative licensure/route completer" has met all licensure requirements to teach SBAE, but did not complete a agricultural education teacher education program.

A "non-licensed individual" is someone who has not completed all requirements for teacher licensure. This may include individuals who are pursuing an alternative route to licensure, were hired as a community expert, etc.

| | |
|--|--------------------------------|
| Previously licensed Ag Ed teacher; moved to a different school-based Ag Ed program | <input type="text" value="0"/> |
| Newly licensed Ag Ed undergraduate program completer (prepared in-state) | <input type="text" value="0"/> |
| Newly licensed Ag Ed undergraduate program completer (prepared out-of-state) | <input type="text" value="0"/> |
| Newly licensed Ag Ed graduate program completer (prepared in-state) | <input type="text" value="0"/> |
| Newly licensed Ag Ed graduate program completer (prepared out-of-state) | <input type="text" value="0"/> |
| Alternative licensure/route completer | <input type="text" value="0"/> |
| Non-licensed individual | <input type="text" value="0"/> |
| Other <input type="text"/> | <input type="text" value="0"/> |

| | |
|---------|--------------------------------|
| Unknown | <input type="text" value="0"/> |
| Total | <input type="text" value="0"/> |

For the $\{q://QID5/ChoiceNumericEntryValue/16\}$ **non-licensed individuals** reported as new hires, please indicate **prior educational/employment experience**.

| | |
|---|--------------------------------|
| New agriculture graduates (not an Ag Ed graduate program completer) | <input type="text" value="0"/> |
| New education graduates (not an Ag Ed graduate program completer) | <input type="text" value="0"/> |
| Other new graduates (not agriculture or education) | <input type="text" value="0"/> |
| Agribusiness, farming, or industry professional | <input type="text" value="0"/> |
| Education professional (other content area, etc) | <input type="text" value="0"/> |
| Retired educator | <input type="text" value="0"/> |
| Other <input type="text"/> | <input type="text" value="0"/> |
| Unknown | <input type="text" value="0"/> |
| Total | <input type="text" value="0"/> |

As of September 15, 2021, how many positions (if any) remain **unfilled** in your state?

| | |
|--|--------------------------------|
| VACANT FULL TIME positions in school-based Agricultural Education | <input type="text" value="0"/> |
| VACANT PART TIME positions in school-based Agricultural Education | <input type="text" value="0"/> |
| Total | <input type="text" value="0"/> |

How many positions and programs were **NEW** for the 2021-2022 academic year?

New/additional positions created in school-based Agricultural Education programs (eg. teacher hired at a new program, or program expansion from 1 teacher to 2 teachers, etc.)

New **programs** created in school-based Agricultural Education (eg. newly established or re-established school-based Ag Ed program)

To identify potential program growth and expansion in your state, indicate **how many schools or school districts** have expressed interest in offering school-based agricultural education, but have not yet moved forward?

Demand Survey - Block 2

Section 3: Additional Items

If the following information is available for your state, please provide.

Describe the status of school-based agriculture and teachers in your state given the continued challenges with Covid?

What specific resources and/or professional development have been/are being provided to school-based agriculture teachers in your state to help them navigate Covid-related teaching challenges?

Average contract length for school-based Agricultural Education teachers in your state:

Note: Please include text clarification (Ex. 20 days extended contract OR 12 month contract)

Percentage of school-based Agricultural Education teachers who receive a stipend for FFA advisement (beyond extended contract):

Average base starting salary for beginning teachers in school-based Agricultural Education (excluding FFA stipend and/or extended contract):

Demand Survey - Block 3

Section 4: Logistical Information

Each year, annual supply data is collected from **teacher educators representing each institution that prepares agricultural educators**. To verify information, please identify all institutions in your state that should be included. Also, please indicate the key faculty contact at each.

Ex. University of ABC, John Doe, jdoe@abc.edu

When **2021-2022 annual demand data** is collected one year from now, who will be the appropriate contact for your state? Please include NAME, TITLE and EMAIL.

Name

Title

Email

Who is the **best point of contact for individuals seeking teacher certification/licensure** in your state?

Please include NAME, TITLE and EMAIL.

Name

Title

Email

In effort to improve the accuracy of data collected, **is there anywhere else we should look for information about the supply and demand of school-based agriculture teachers in your state?**

Respectfully submitted by:

State

Name

Title

Email

Phone



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