



2019 State Reports

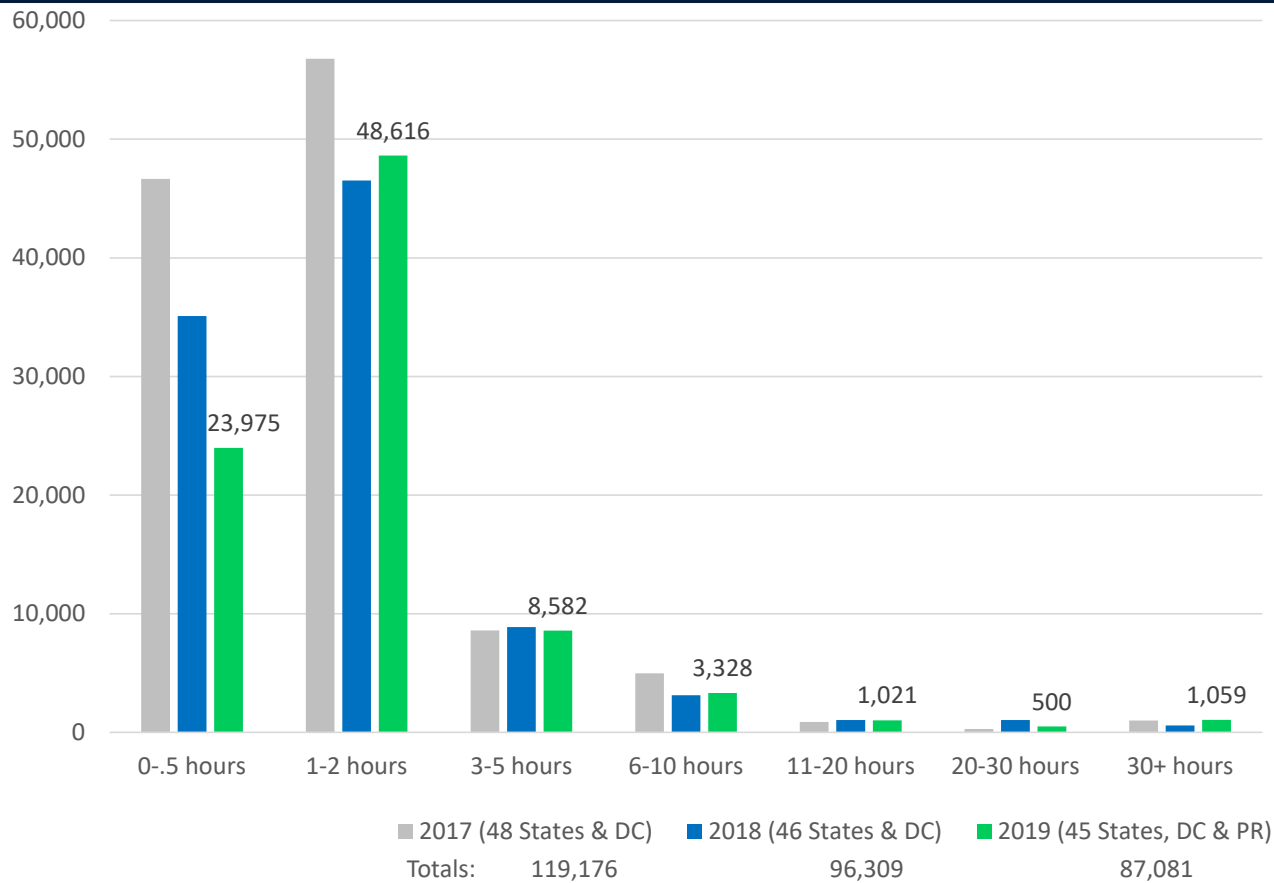
45 States, the District of Columbia, and Puerto Rico Reporting



Debra Spielmaker, Team Leader
National Center for Agricultural Literacy

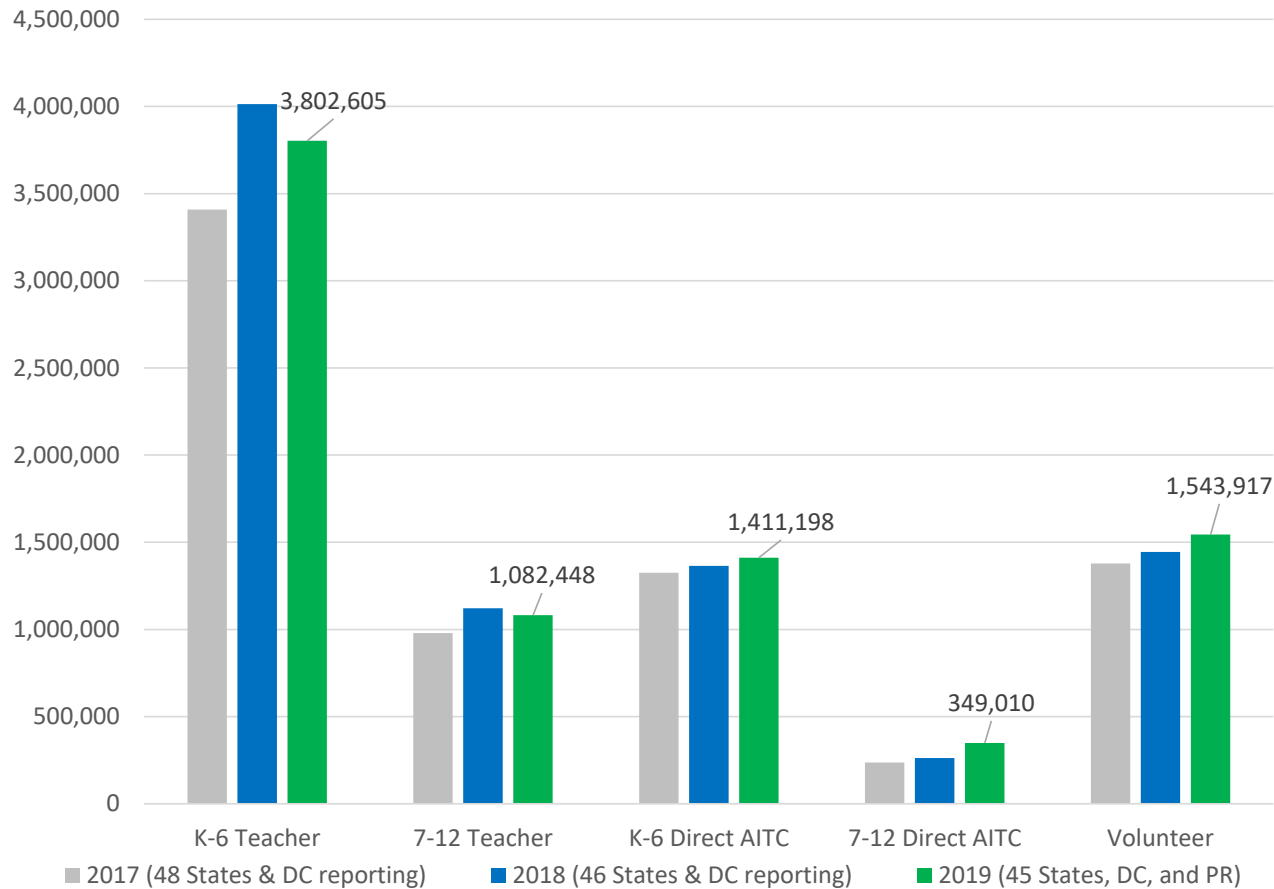


Estimate **number of teachers** trained face-to-face statewide with AITC programs, curriculum, or other resources.





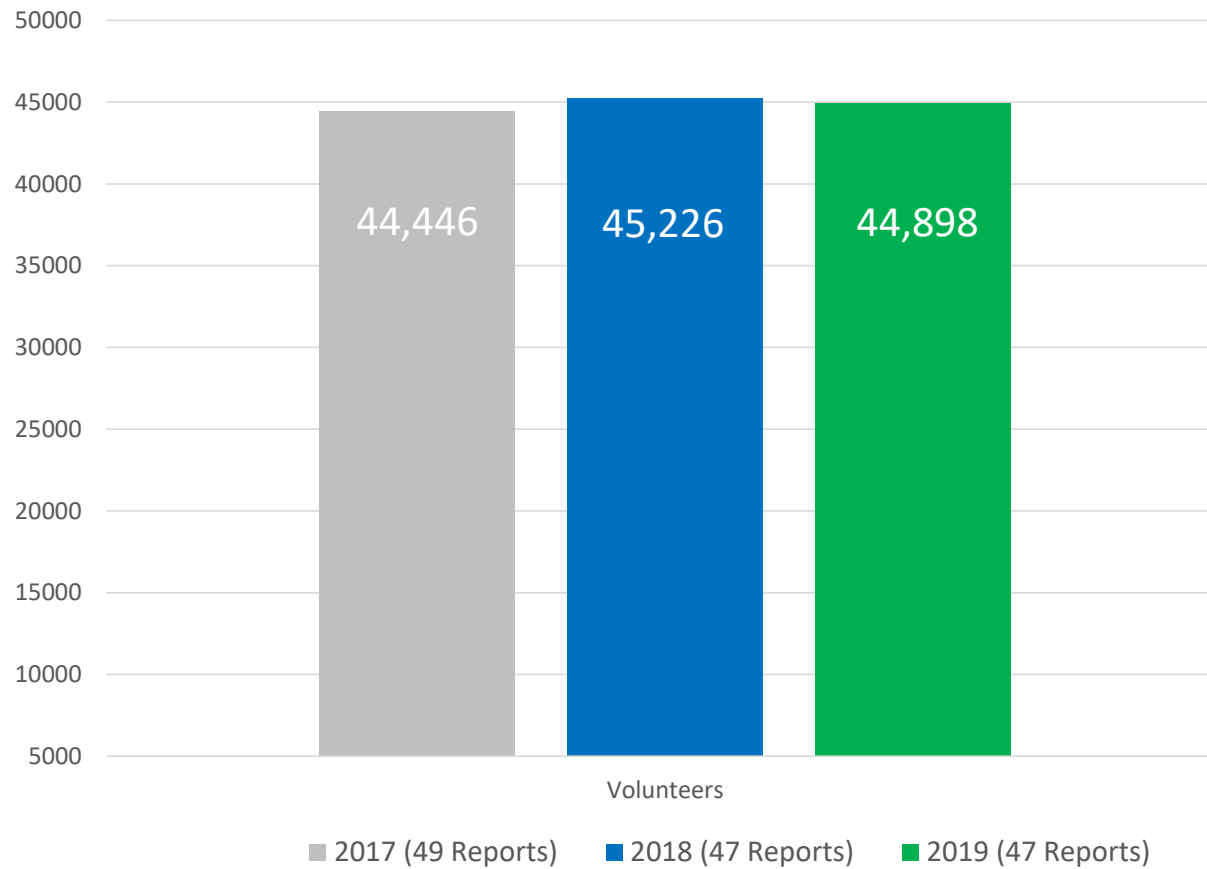
The estimation of the **number of students** reached statewide through their teachers, directly through AITC staff and volunteers with AITC programs, curriculum, or other resources.



Total number of students reached in:
2017 – 49 reports: 7,328,745
2018 – 47 reports: 8,206,067
2019 – 47 reports: **8,189,178**

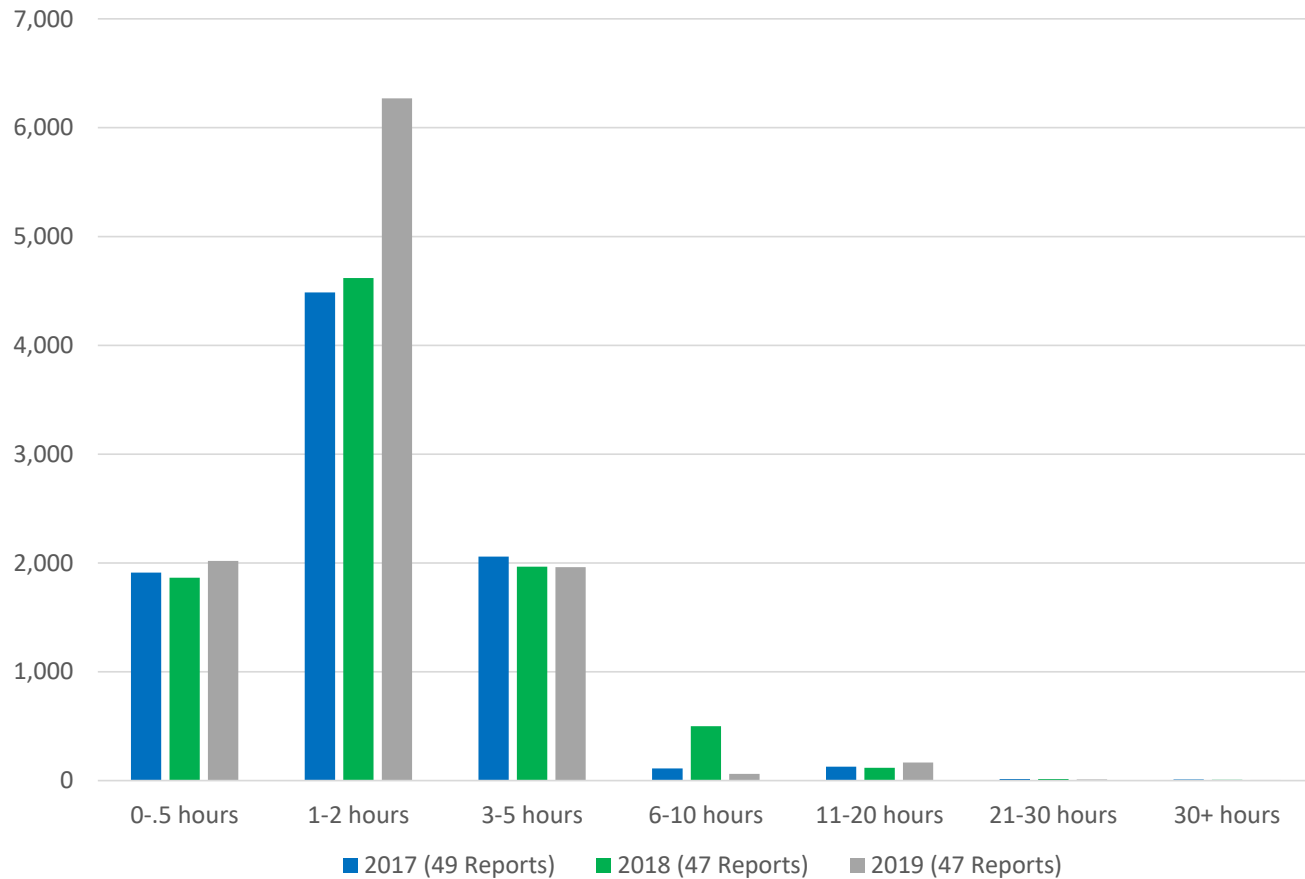


Estimate the number of volunteers who conducted or assisted with AITC programs.





Total number of elementary and secondary pre-service teachers contacted or trained with AITC.



Total number of pre-service teachers reached:

2017 – 49 reports (27 reported preservice programs): 8,722

2018 – 47 reports (27 reported preservice programs): 9,090

2019 – 47 reports (27 reported preservice programs): 10,497

2019

Range elementary preservice: 0 - 1,591

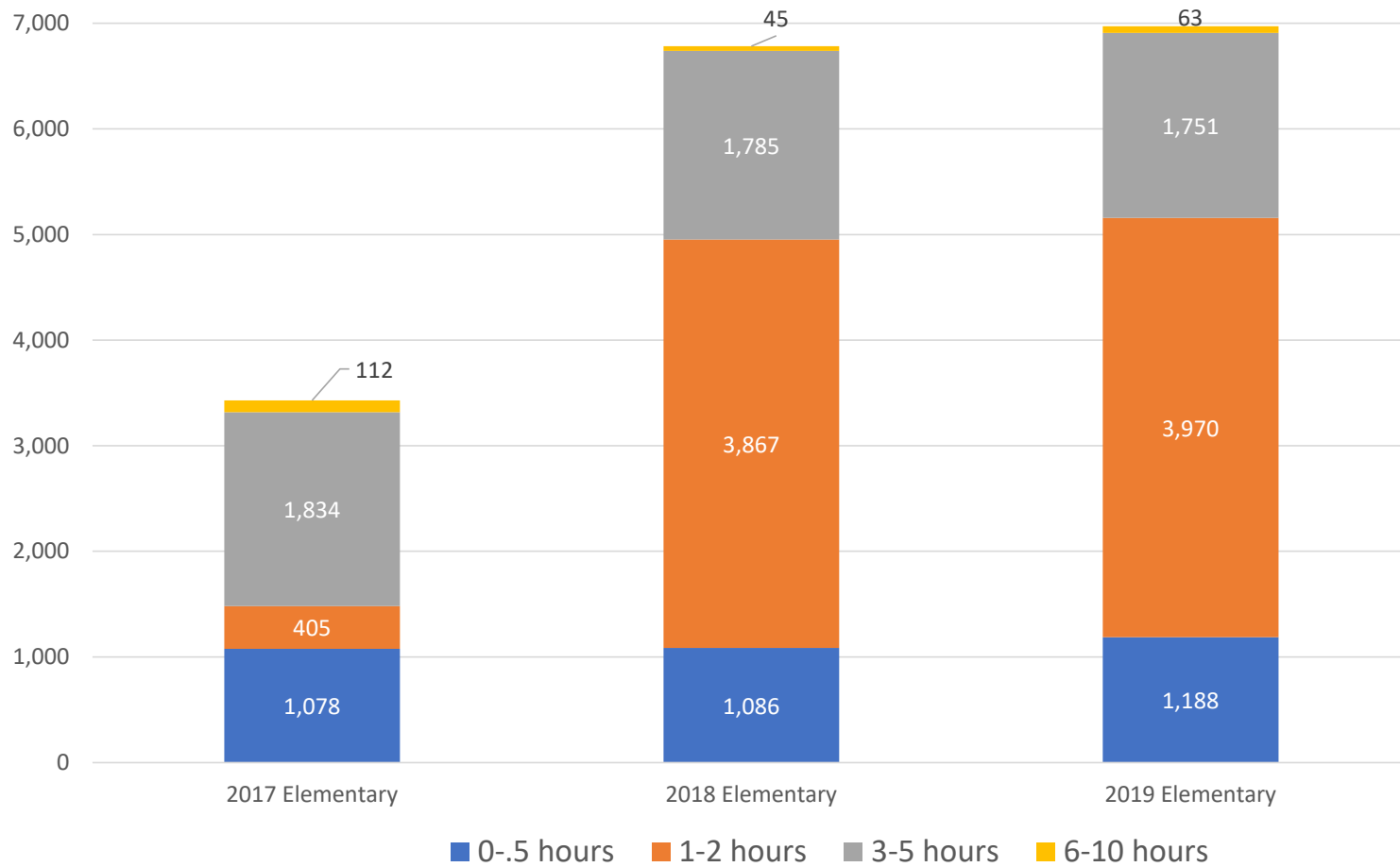
Range secondary preservice: 0 - 525

Range Ag Ed preservice: 0- 358

About half of the AITC programs participate in preservice programming

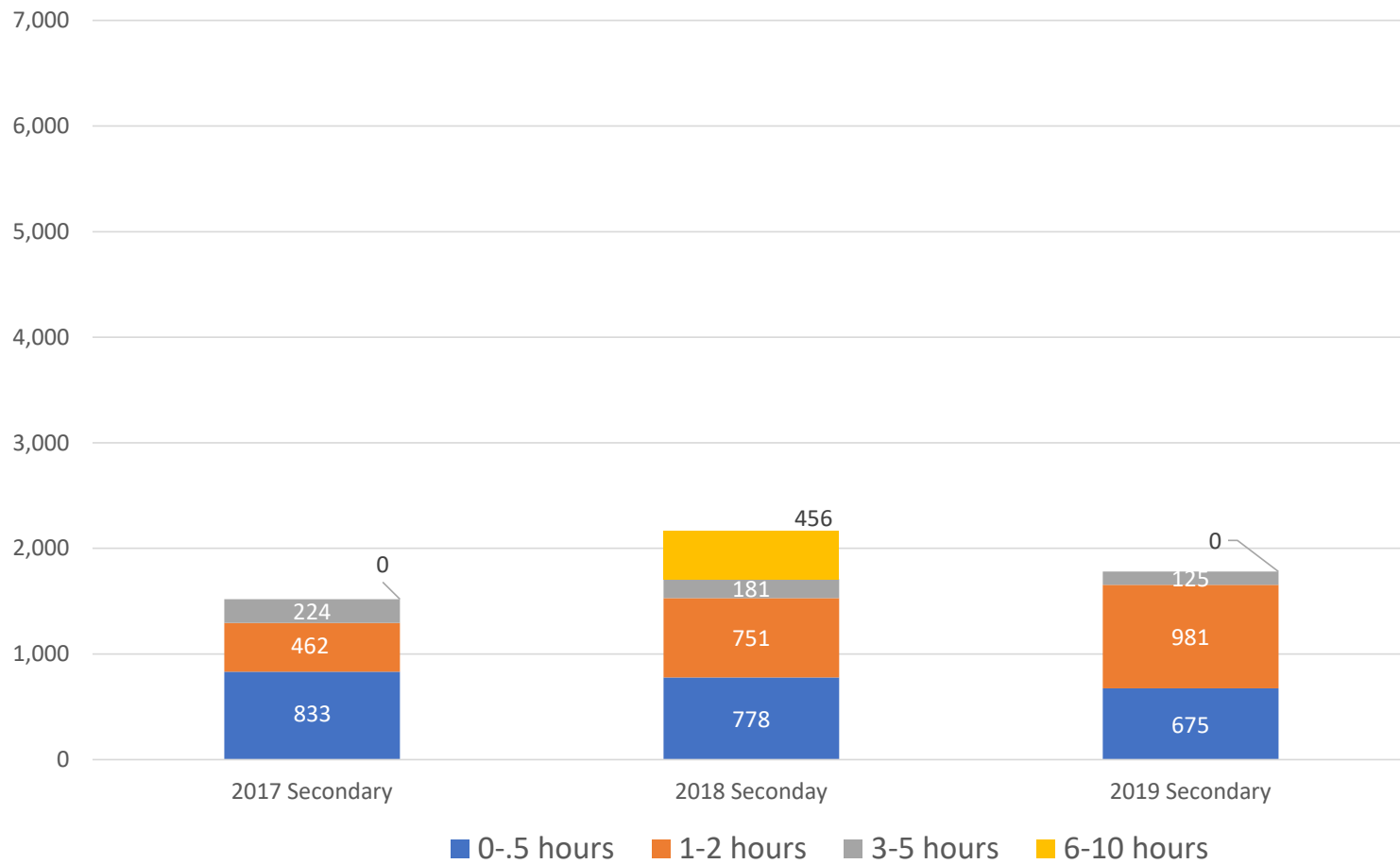


Total number of elementary preservice teachers contacted or trained with AITC.



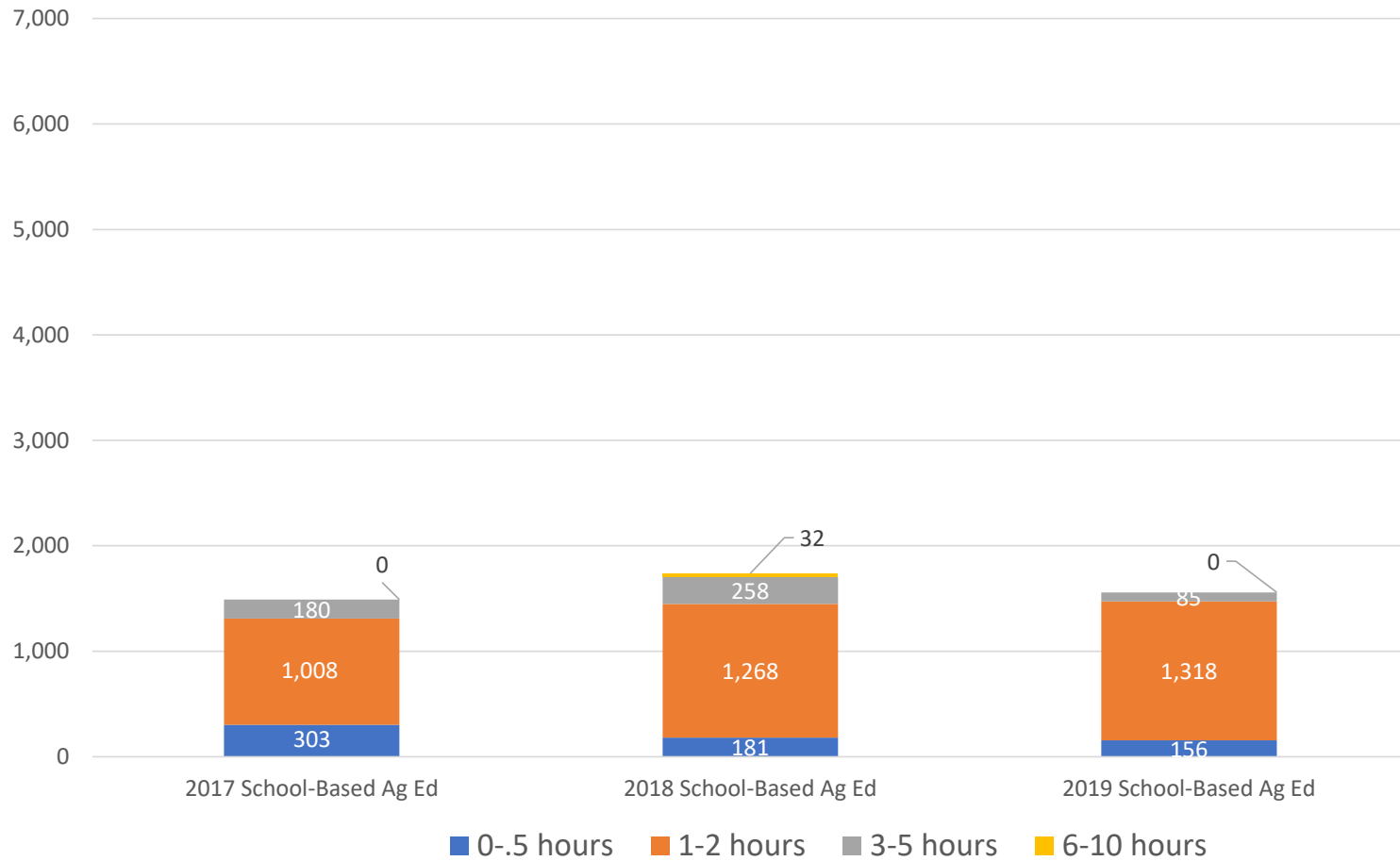


Total number of secondary preservice teachers contacted or trained with AITC.



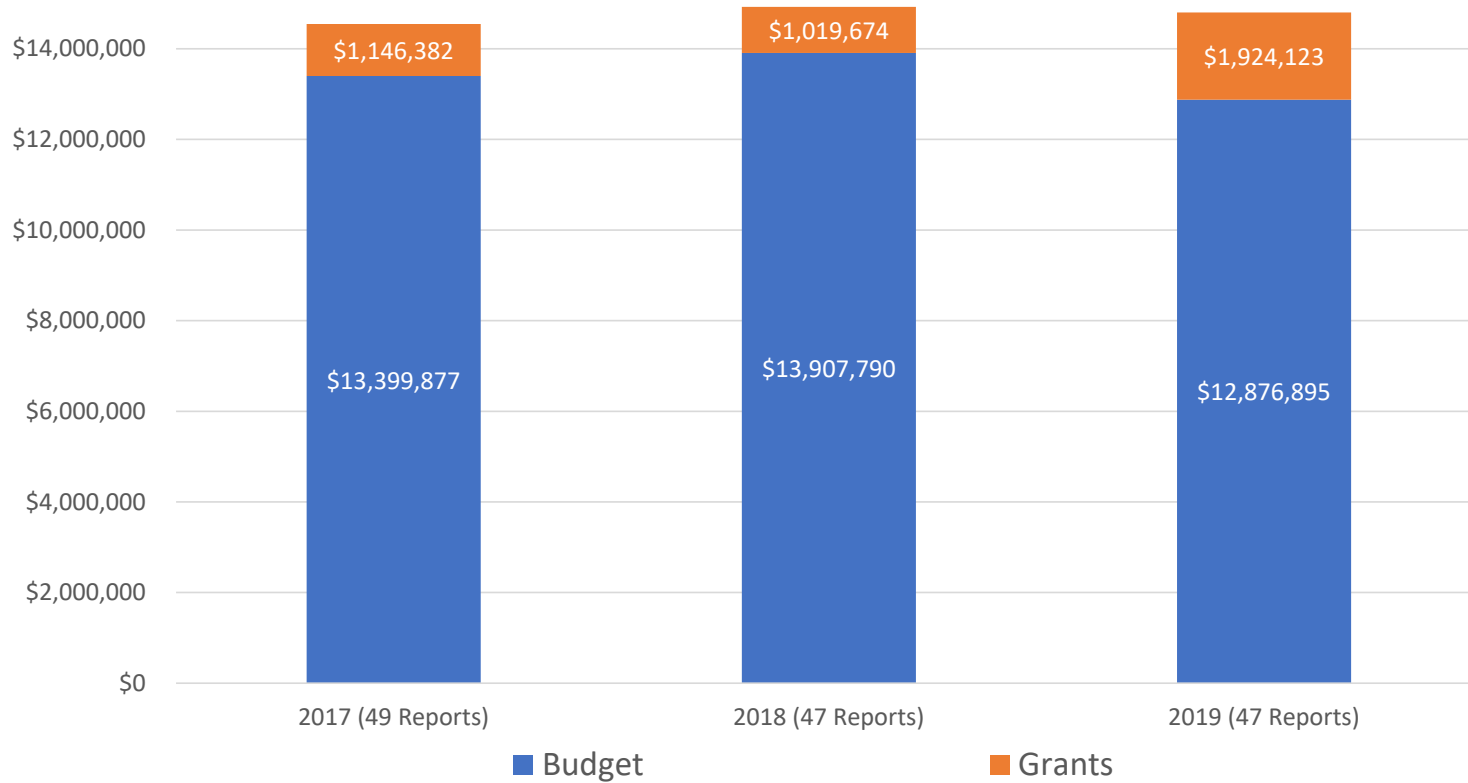


Total number of School-Based Ag Ed preservice teachers contacted or trained with AITC.





Budgets



Budget Range 2017: \$0 - \$2,410,000

Budget Range 2018: \$0 - \$2,564,000

Budget Range 2019: \$0 - \$2,410,000

Grant Range 2017: \$0 - \$240,000

Grant Range 2018: \$0 - \$130,000

Grant Range 2019: \$0 - \$500,000



Funding sources for state AITC budgets - 2019

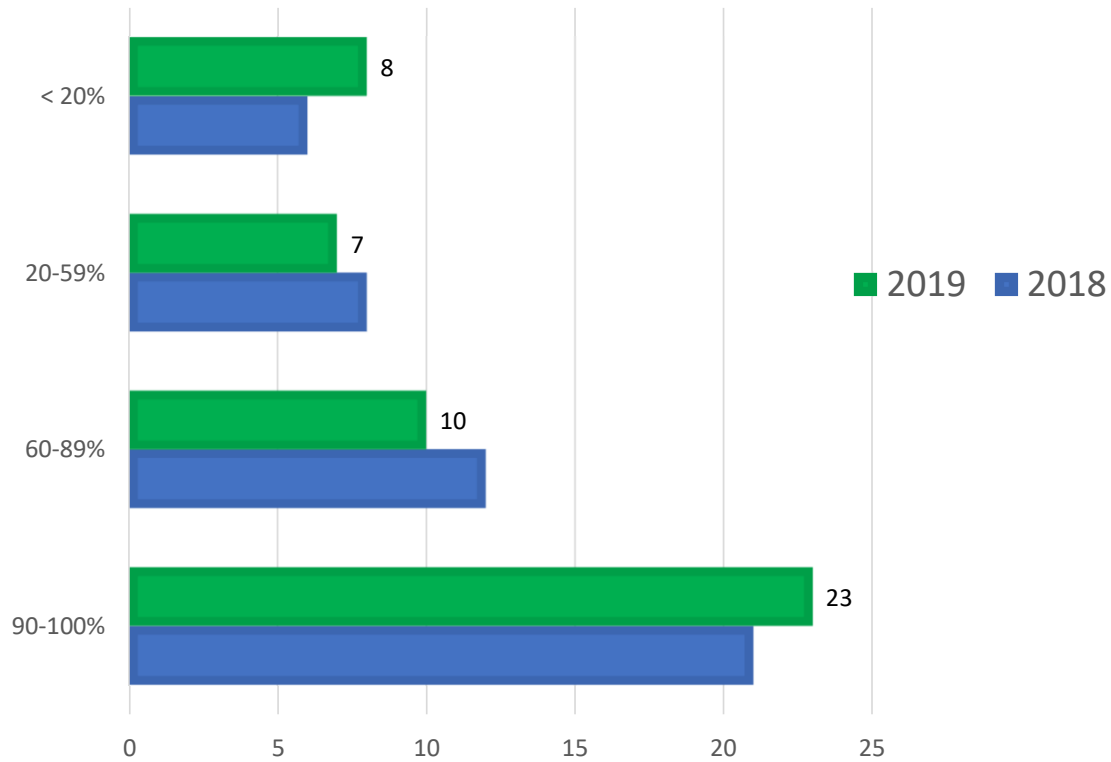
No state receives direct federal on-going funds.

- 19 (45%) reported 100% private funding
- 26 (55%) reported state and private funding
- 2 (states reported 100% state funding (OK, NY))





A full-time equivalent (FTE) is 40 hours per week. What percentage of an FTE did **you** (the state contact) dedicate to Agricultural Literacy/AITC in 2019?

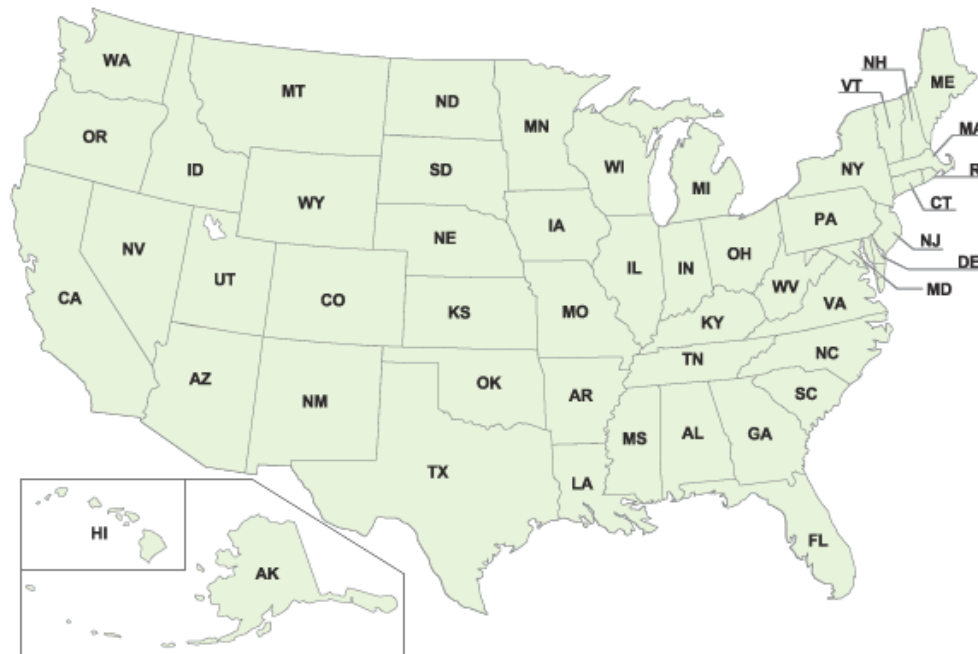


1 program contact reported zero FTEs (volunteer)



State Agricultural Facts

[Download all State Agricultural Facts](#)



agclassroom.org > Student Center > State Ag Facts



A Look at *Virginia* Agriculture

Capital: Richmond

Population: 8,400,000

Founded: June 25, 1788 (10th)

State Bird: Cardinal

State Flower: American Dogwood

State Tree: Flowering Dogwood

Number of Counties: 95

Largest City: Virginia Beach- 437,994

Largest County: Fairfax - 1,138,652

Nickname: Old Dominion

Number of Farms: 44,000

Average Farm Size: 181 acres

Total Farmland: 8.1 million acres



www.agclassroom.org/va

Climate & Soil

- The average high temperature in Virginia is 69.5°F, while the average low is 48°F. The average annual rainfall is 43.3".
- Virginia is organized into 5 different regions, which vary widely by climate, soil, and topography. From east to west the regions are Coastal Plain, Piedmont, Blue Ridge Mountain, Valley and Ridge, and Appalachian Plateau.
- Winters in the western part of the state can be bitterly cold while other parts of the state have longer growing seasons and temperatures that rarely drop below 0°F.
- Similarly, annual rainfall totals can vary from 33" in the Shenandoah Valley to more than 60" in the mountains of southwestern Virginia.
- Pamunkey soil is the state soil of Virginia. Pamunkey soils were first identified on a farm near Jamestown, Virginia which is known as the oldest tilled farm in the United States.
- The soil in the Coastal Plain region has the highest concentration of sand. West of Virginia fall line the soils are clay based, with the Valley and Ridge and Appalachian Plateau regions having darker clay because of the higher mineral content.

Crops & Livestock

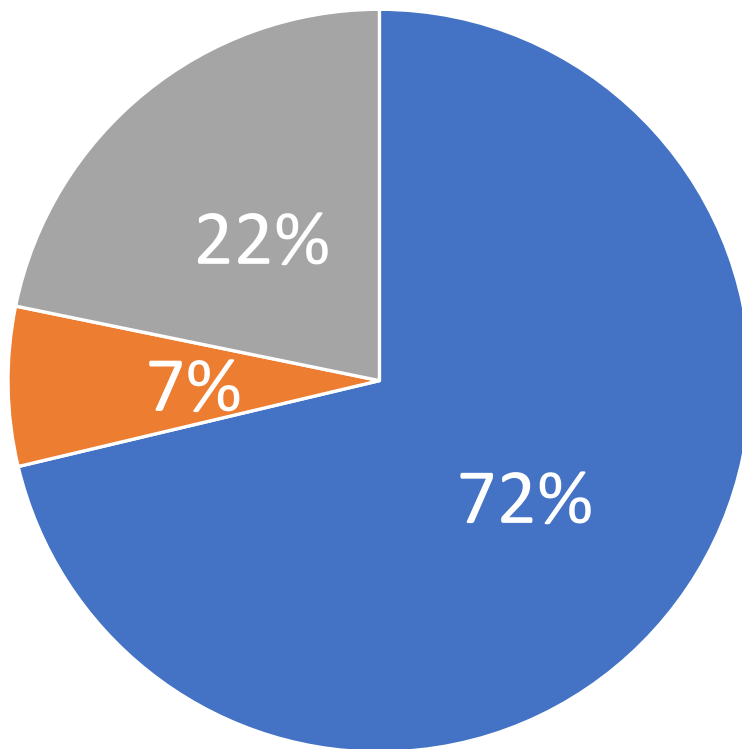
- Virginia's agricultural production is one of the most diverse in the nation due to its varying geography and climate.
- The top agricultural commodities in Virginia include broilers, cattle, dairy, soybeans and turkeys.
- Many Virginia commodities and products rank in the top 15 nationally. These commodities include: leaf tobacco, fresh market tomatoes, apples, grapes, peanuts, cotton, turkeys, and broilers.
- Virginia's equine industry has an annual impact of over 1 billion dollars. Famed Triple Crown winner Secretariat was born in Doswell, VA.
- The cultivation of tobacco as a cash crop was a major contributing factor to the success of Jamestown, the first permanent English settlement in the new world.

General

- Agriculture is Virginia's largest industry by far! The industry has an economic impact of over \$70 billion annually and provides nearly 334,000 jobs in the Commonwealth. The industries of agriculture and forestry together have a total economic impact of \$91 billion. Every job in agriculture and forestry supports 1.7 jobs elsewhere in the Virginia economy.
- The top export market for Virginia agriculture is China.
- Nearly 90 percent of Virginia farms are owned and operated by individuals or families.
- Virginia has nearly 44,000 farms, the average size of which is 181 acres. Farms cover 32 percent of Virginia's total land area.



Do you think legislation to add agricultural literacy to state standards is necessary to increase agricultural literacy?



■ Yes ■ No ■ Neither yes/no

Comments

I do believe it raises awareness of the importance of the agriculture industry. However, it does cause concern of information being delivered to students when staff is not trained on current agriculture topics and issues.

It would be nice. Mandate agricultural literacy would certainly increase our profile and could benefit school systems.

Not necessary but useful.

I believe legislation could be extremely helpful, but it is not necessary. We can increase agricultural literacy without legislation.

I think it would be beneficial, but it's not a necessity!

Unless this is mandated, it is not likely to happen.

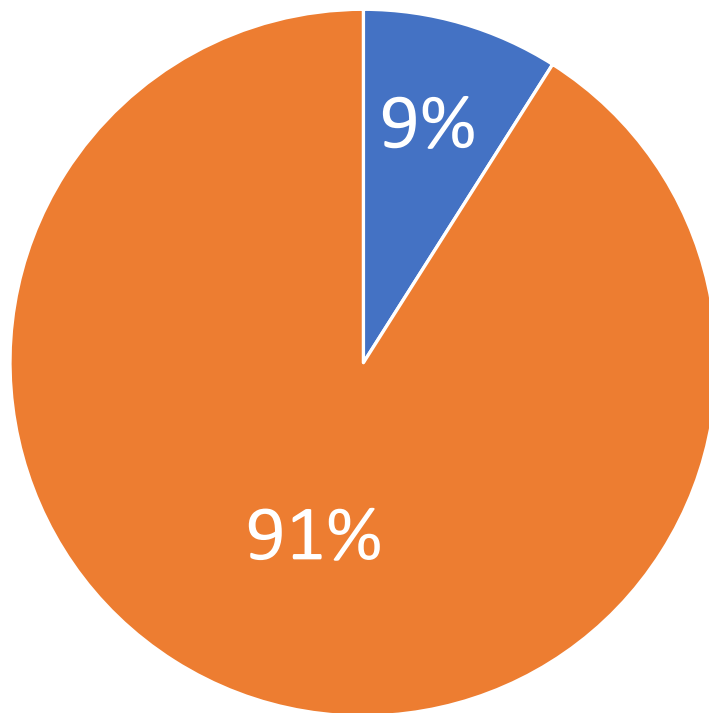
I believe agricultural literacy can increase without legislation... but legislation would provide a great incentive for schools to move quicker in adopting AITC.

I think it will give us some additional support when approaching schools and teachers who haven't used our programs.

We believe that agricultural literacy standards would be highly valuable, however with our experience in standards work, believe that developing a set of agricultural literacy standards would be a highly complex task.



Do you have legislation in your state requiring agricultural education/literacy standards be taught in public schools?

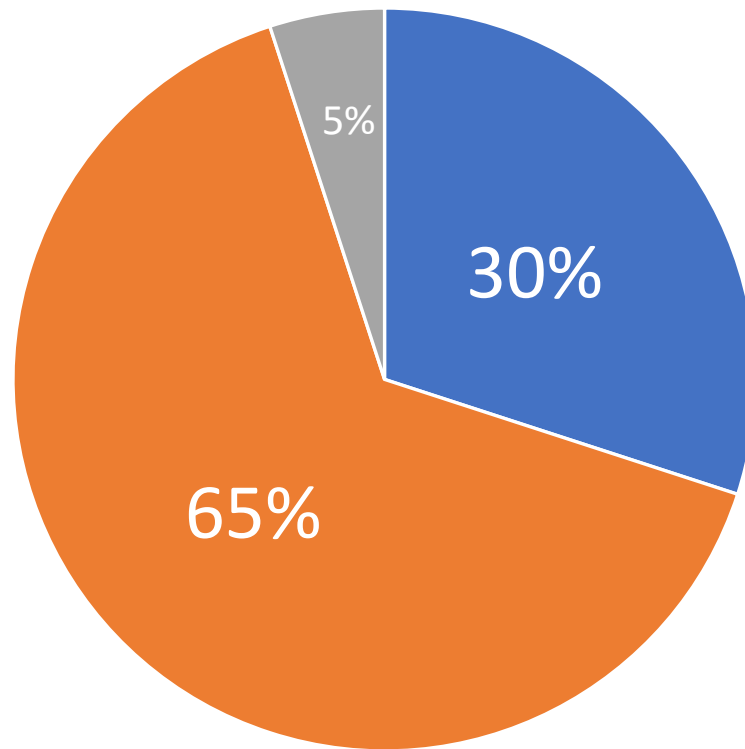


■ Yes ■ No

- Arkansas
- Georgia (Yes but part of School-based Ag Ed)
- Montana (in process)
- North Dakota (Ag in ND studies)



Does your state AITC staff train volunteers to conduct teacher professional development programs?

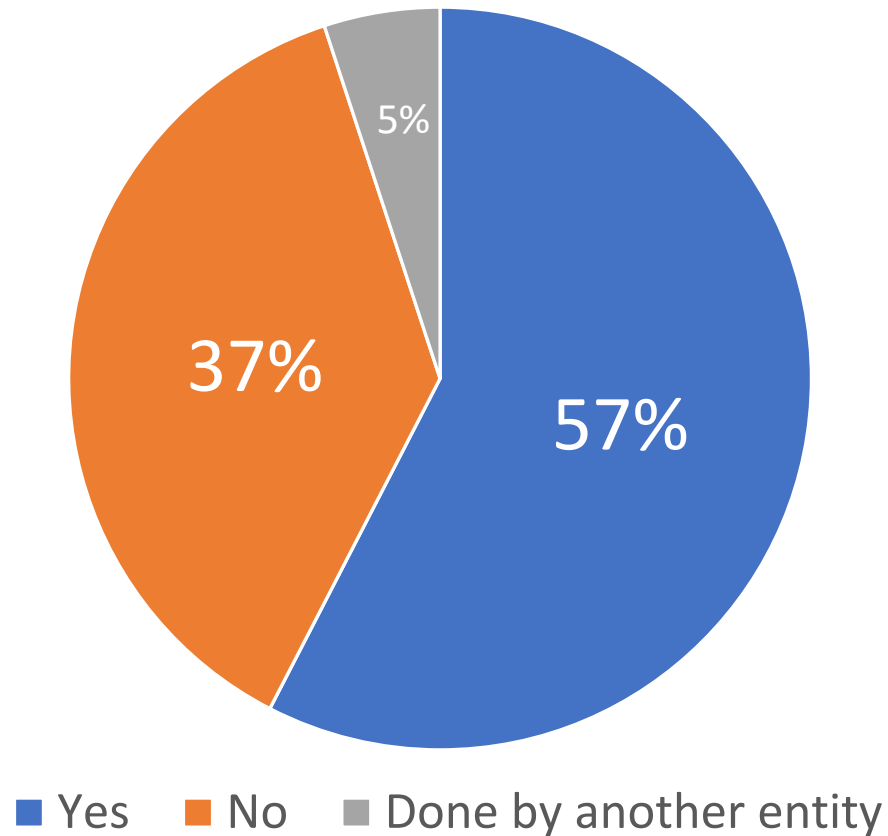


■ Yes ■ No ■ Done by another entity

“We conduct teacher professional development assisted by volunteers. The volunteers aren't qualified to conduct teacher PD which is why we have this partnership”

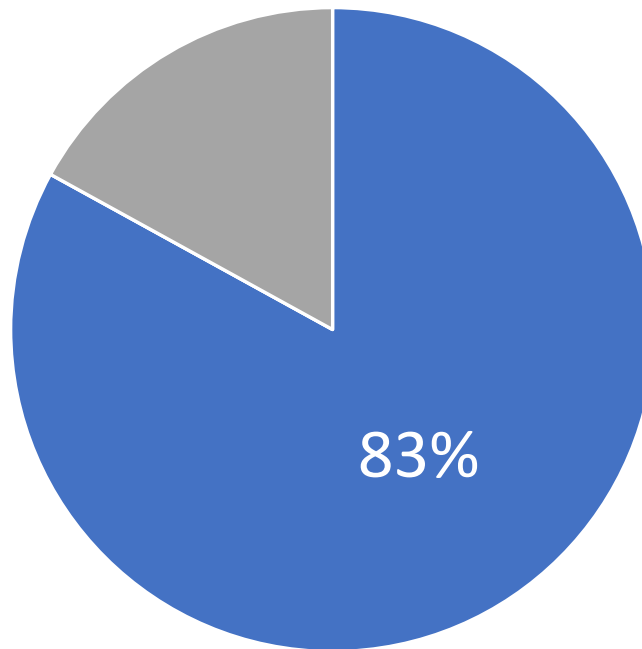


Does your state AITC staff train volunteers to conduct student classroom presentations?





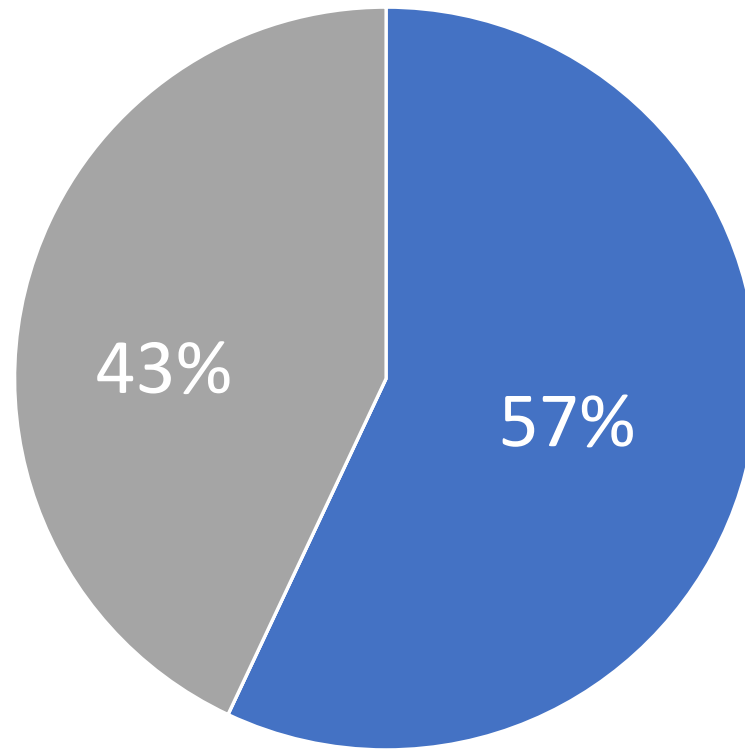
If an online agricultural literacy educator certification program was made available would you encourage volunteers to complete the course?



■ Yes ■ No ■ Maybe



If an online agricultural literacy educator certification program was available would you encourage PreK-12 educators to complete the course?

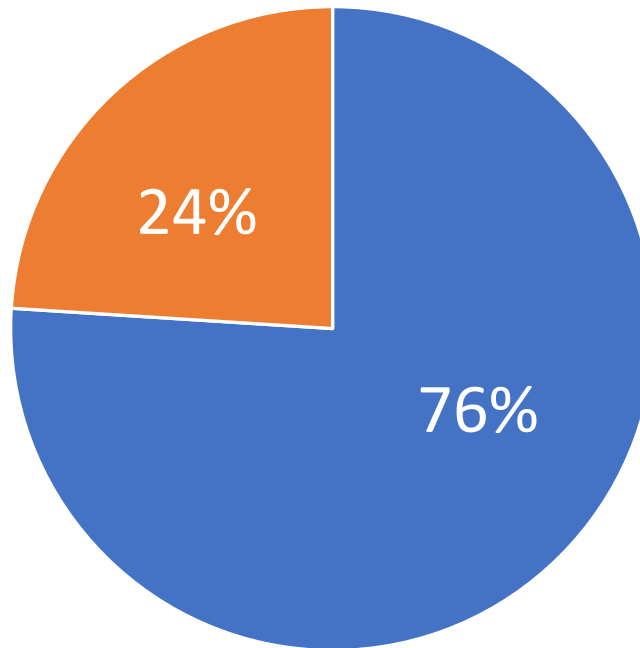


■ Yes ■ No* ■ Maybe

*Note: 1 state said "No," .02% of the sample



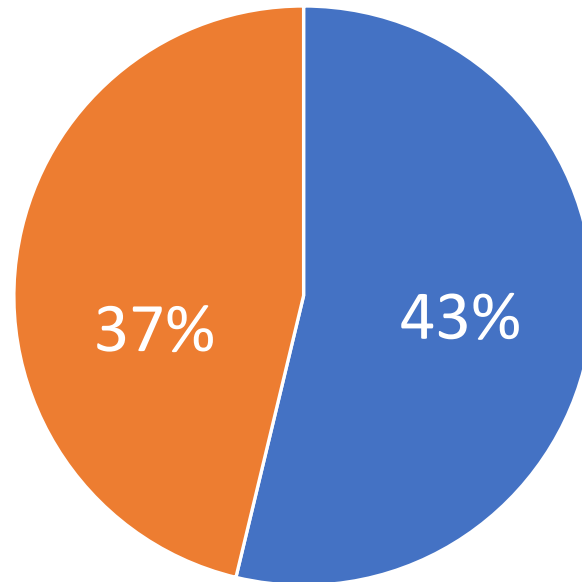
Do you evaluate your teacher professional development programs?



■ Yes ■ No



Do you collect follow-up surveys with teachers that attend your teacher professional development programs?



■ Yes

■ No, I would like to by don't have time



State Summaries

- Accomplishment (output): achieving the completion or fulfillment of something
- Impact (outcome): to have an immediate and strong (measurable) effect on something or somebody related to program goals or objectives

| | | | | | | | |
|----------------|--|----------------------|---|-------------------|---|---------------|---|
| Alabama |    | Alaska |    | American Samoa | | Arizona |    |
| Arkansas |    | California |    | Colorado |    | Connecticut |   |
| Delaware |   | District of Columbia |  | Florida |    | Georgia |   |
| Guam | | Hawaii |   | Idaho |    | Illinois |    |
| Indiana |    | Iowa |    | Kansas |    | Kentucky |   |
| Louisiana |    | Maine |    | Maryland |   | Massachusetts |   |
| Michigan |    | Micronesia | | Minnesota |    | Mississippi |   |
| Missouri |   | Montana |    | Nebraska |   | Nevada |   |
| New Hampshire |    | New Jersey |   | New Mexico |    | New York |    |
| North Carolina |    | North Dakota |    | Northern Marianas | | Ohio |    |
| Oklahoma |    | Oregon |    | Pennsylvania |   | Puerto Rico | |
| Rhode Island |   | South Carolina |   | South Dakota |   | Tennessee |    |
| Texas |    | Utah |    | Vermont |   | Virginia |    |
| Washington |    | West Virginia |   | Wisconsin |   | Wyoming |    |

To see state accomplishments and impacts, review the state summaries website:
http://agclassroom.org/affiliates/state_programs.cfm



Vision

Agriculture is valued by all.

Mission

Increasing agricultural literacy through K-12 Education.

Agricultural Literacy

An agriculturally literate person understands and can communicate the source and value of agriculture as it affects our quality of life.