### 2021 Agriculture Teacher Supply and Demand Overview

#### NAAE Region I

- **Average Salary**
  - 2017*: $43,000
  - 2018*: $37,353
  - 2019*: $42,474
  - 2020*: $45,086
  - 2021*: $38,502

- **Nationwide***
  - 2021*: $42,071

#### Highlights:

- **Extended Contract Days**
  - 2017*: 28
  - 2018*: 22
  - 2019*: 20
  - 2020*: 20
  - 2021*: 20

- **Ag Teachers**
  - 2017*: 1,872
  - 2018*: 2,085
  - 2019*: 2,183
  - 2020*: 1,891
  - 2021*: 1,958

- **Ag Programs**
  - 2017*: 1,102
  - 2018*: 1,163
  - 2019*: 1,142
  - 2020*: 958
  - 2021*: 1,958

- **New Positions**
  - 2017*: 70
  - 2018*: 24
  - 2019*: 37
  - 2020*: 49
  - 2021*: 75

- **New Programs**
  - 2017*: 30
  - 2018*: 9
  - 2019*: 21
  - 2020*: 19
  - 2021*: 65

- **Retirements**
  - 2017*: 20
  - 2018*: 28
  - 2019*: 27
  - 2020*: 120
  - 2021*: 90

- **Left Teaching**
  - 2017*: 65
  - 2018*: 79
  - 2019*: 56
  - 2020*: 29
  - 2021*: 28

- **Alt Certified Hire**
  - 2017*: 42
  - 2018*: 57
  - 2019*: 30
  - 2020*: 29
  - 2021*: 28

- **Non-Licensed Hire**
  - 2017*: 11
  - 2018*: 0
  - 2019*: 5
  - 2020*: 1
  - 2021*: 2

- **Positions to Fill**
  - 2017*: 135
  - 2018*: 65
  - 2019*: 82
  - 2020*: 149
  - 2021*: 153

- **Positions Lost**
  - 2017*: 20
  - 2018*: 38
  - 2019*: 32
  - 2020*: 20
  - 2021*: 12

- **Unfilled Full-Time Positions**
  - 2017*: 40
  - 2018*: 25
  - 2019*: 12
  - 2020*: 10
  - 2021*: 21

- **Unfilled Part-Time Positions**
  - 2017*: 1
  - 2018*: 8
  - 2019*: 1
  - 2020*: 2
  - 2021*: 0

- **Ag Ed Graduates**
  - 2017*: 117
  - 2018*: 125
  - 2019*: 135
  - 2020*: 132
  - 2021*: 96

- **Ag Ed Graduates Teaching**
  - 2017*: 107
  - 2018*: 110
  - 2019*: 120
  - 2020*: 106
  - 2021*: 80

- **Ag Ed Major Enrollment**
  - 2017*: 540
  - 2018*: 490
  - 2019*: 438
  - 2020*: 470
  - 2021*: 328

*not all states reported

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Agriculture Teacher Supply and Demand Highlights

- The demand for agriculture teachers continues due to **program growth, expansion, retirements** and **openings**.
- The **retention rate** of agriculture teachers remains historically **high** at 96%.
- Individuals majoring in agricultural education **decreased** for the first time in 6 years. This was expected due to COVID impacts and an overall decrease in college enrollment across the nation.
- Alternate licensure and non-licensed new hires accounted for **38%** of new hires in 2021.
- The majority of new agricultural education graduates are predominately **female** and **Caucasian**.
- The percent of new graduate completers taking a job teaching agriculture remains at the historical high of **75%**.

Agricultural Education Degree Institutions

Visit the NAAE Teach Ag website at [www.naae.org/teachag/college.cfm](http://www.naae.org/teachag/college.cfm) for program links.

- **University of Arizona**
  Tucson, AZ
- **California State University, Chico**
  Chico, CA
- **California State University, Fresno**
  Fresno, CA
- **Cal Poly – Pomona**
  Pomona, CA
- **Cal Poly – San Luis Obispo**
  San Luis Obispo, CA
- **University of California, Davis**
  Davis, CA
- **University of Idaho**
  Moscow, ID
- **Montana State University**
  Bozeman, MT
- **University of Nevada – Reno**
  Reno, NV
- **Oregon State University**
  Corvallis, OR
- **Utah State University**
  Logan, UT
- **Washington State University**
  Pullman, WA
- **University of Wyoming**
  Laramie, WY