## 2023 Agriculture Teacher Supply and Demand Overview

**Region I**

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### Average Salary

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Salary</th>
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<tbody>
<tr>
<td>2020</td>
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<tr>
<td>2021</td>
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<td>2022</td>
<td>$44,841</td>
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### Extended Contract Days

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</tr>
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</tr>
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<tr>
<td>2022</td>
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<tr>
<td>2023</td>
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### Ag Teachers

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<td>2022</td>
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### Ag Programs

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### New Positions

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<td>2020</td>
<td>49</td>
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### New Programs

<table>
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<th>Year</th>
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<td>2022</td>
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<td>2023</td>
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### Retirements

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<td>2022</td>
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<tr>
<td>2023</td>
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### Left Teaching

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<td>56</td>
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<td>55</td>
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### Alt Certified Hire

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</tr>
<tr>
<td>2020</td>
<td>29</td>
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<td>2021</td>
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<tr>
<td>2022</td>
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<tr>
<td>2023</td>
<td>23</td>
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### Non-Licensed Hire

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<td>5</td>
</tr>
<tr>
<td>2020</td>
<td>1</td>
</tr>
<tr>
<td>2021</td>
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<tr>
<td>2022</td>
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### Positions to Fill

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<td>2020</td>
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<tr>
<td>2021</td>
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<td>2022</td>
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<td>2023</td>
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### Positions Lost

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<td>2019</td>
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</tr>
<tr>
<td>2020</td>
<td>20</td>
</tr>
<tr>
<td>2021</td>
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<tr>
<td>2022</td>
<td>31</td>
</tr>
<tr>
<td>2023</td>
<td>28</td>
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### Unfilled Full-Time Positions

<table>
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<th>Year</th>
<th>Positions</th>
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</tr>
<tr>
<td>2020</td>
<td>10</td>
</tr>
<tr>
<td>2021</td>
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<tr>
<td>2022</td>
<td>21</td>
</tr>
<tr>
<td>2023</td>
<td>23</td>
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### Unfilled Part-Time Positions

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</tr>
<tr>
<td>2020</td>
<td>2</td>
</tr>
<tr>
<td>2021</td>
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<tr>
<td>2022</td>
<td>0</td>
</tr>
<tr>
<td>2023</td>
<td>0</td>
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### Ag Ed Graduates

<table>
<thead>
<tr>
<th>Year</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>135</td>
</tr>
<tr>
<td>2020</td>
<td>132</td>
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<tr>
<td>2021</td>
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<tr>
<td>2022</td>
<td>140</td>
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<tr>
<td>2023</td>
<td>135</td>
</tr>
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### Ag Ed Graduates Teaching

<table>
<thead>
<tr>
<th>Year</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>120</td>
</tr>
<tr>
<td>2020</td>
<td>106</td>
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<tr>
<td>2021</td>
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<td>2022</td>
<td>117</td>
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<tr>
<td>2023</td>
<td>118</td>
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### Ag Ed Major Enrollment

<table>
<thead>
<tr>
<th>Year</th>
<th>Enrollment</th>
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<tr>
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<tr>
<td>2020</td>
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<tr>
<td>2021</td>
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<tr>
<td>2022</td>
<td>438</td>
</tr>
<tr>
<td>2023</td>
<td>438</td>
</tr>
</tbody>
</table>

*not all states reported*
Agriculture Teacher Supply and Demand Highlights

- **46 respondents** reported state demand data, **99 institutions** reported supply data.
- Highest recorded amount of agriculture teacher with **14,756 positions** and **9,212 agriculture programs**.
- **474** new positions reported for 2023, an increase of **8%** from the year prior and the highest recorded growth in the last 10 years.
- The amount of graduate completers that are entering the classroom remains at a high rate of **78%**, only a **1% decrease** from 2022.
- Total post-secondary agricultural education program enrollment is trending upward by **4.3%** following the COVID pandemic.
- The retention rate continues stable at a rate of **94%**. This percentage is calculated without the amount of retirement and those that are teaching agriculture out of state.

NAAE Region I 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.

Arkansas Tech University
Russellville, AR

Southern Arkansas University
Magnolia, AR

University of Arkansas
Fayetteville, AR

California State University, Chico
Chico, CA

California State University, Fresno
Fresno, CA

Cal Poly - San Luis Obispo
San Luis Obispo, CA

Cal Poly - Pomona
Pomona, CA

University of California, Davis
Davis, CA

University of Idaho
Moscow, ID

Montana State University
Bozeman, MT

University of Nevada, Reno
Elkto, NV

Oregon State University
Corvallis, OR

Washington State University
Pullman, WA

University of Wyoming
Laramie, WY

NAAE Recruitment, Retention, and Advocacy Resources

Visit [www.naae.org](http://www.naae.org) for more resources related to agriculture teacher recruitment and retention.

ACTE Legislative Action Center
Agriculture Teachers’ Resource
Mentorship Program Information
Recruitment and Retention Guides
Recruitment and Retention Event Guide
State Level Supply and Demand Profiles
National #TeachAg Pathway Resources
National Level Supply and Demand Profiles
Alternatively Certified #TeachAg Pathway Resource
Templates, downloadables and additional resources