### Agriculture Teacher Supply and Demand Highlights

- **Demand** for agriculture teachers continues due to program growth, expansion, retirements and openings.
- School districts value the agricultural education model of rigorous STEM based classroom and laboratory instruction, experiential learning and leadership development.
- The retention rate of agriculture teachers is historically high at nearly 97%.
- The conversion rate of agricultural education graduates is at an all-time high of 77%.
- New agricultural education majors are predominately Caucasian (87%) and female (74%).
- School districts are hiring a high number of alternatively certified and non-licensed teachers to fill open positions due to demand.

### 2015-2019 Agriculture Teacher Supply and Demand Overview

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Salary</th>
<th>Extended Contract Days</th>
<th>AG Teachers</th>
<th>AG Programs</th>
<th>Female/Male/Non-Binary Teachers</th>
<th>Full-Time/Part-Time Teachers</th>
<th>New Positions</th>
<th>New Programs</th>
<th>Retirements</th>
<th>Left Teaching</th>
<th>Alt. Certified/Non-Licensed Hires</th>
<th>Positions to Fill</th>
<th>Positions Lost</th>
<th>Unfilled Full-Time Positions</th>
<th>Unfilled Part-Time Positions</th>
<th>Agricultural Education Graduates</th>
<th>Agricultural Education Graduates Teaching</th>
<th>Ag Ed Major Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>$43,403</td>
<td>37</td>
<td>2,021</td>
<td>1,462</td>
<td>907/1,114</td>
<td>1,624/397</td>
<td>59</td>
<td>34</td>
<td>53</td>
<td>96</td>
<td>NA/26</td>
<td>199</td>
<td>NA/13</td>
<td>5</td>
<td>1</td>
<td>114</td>
<td>88</td>
<td>NA</td>
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<tr>
<td>2016</td>
<td>$43,403</td>
<td>37</td>
<td>1,578</td>
<td>1,140</td>
<td>663/915</td>
<td>1,567/11</td>
<td>31</td>
<td>17</td>
<td>28</td>
<td>138</td>
<td>21/23</td>
<td>148</td>
<td>7/21</td>
<td>6</td>
<td>0</td>
<td>115</td>
<td>93</td>
<td>NA</td>
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<tr>
<td>2017</td>
<td>$43,986</td>
<td>43</td>
<td>2,059</td>
<td>1,511</td>
<td>888/1,130</td>
<td>2,045/14</td>
<td>31</td>
<td>17</td>
<td>23</td>
<td>98</td>
<td>31/14</td>
<td>141</td>
<td>6/11</td>
<td>0</td>
<td>1</td>
<td>105</td>
<td>85</td>
<td>591</td>
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<td>2018</td>
<td>$38,633</td>
<td>48</td>
<td>2,507</td>
<td>1,745</td>
<td>1,116/1,337</td>
<td>2,471/36</td>
<td>58</td>
<td>17</td>
<td>38</td>
<td>175</td>
<td>55/32</td>
<td>221</td>
<td>6/12</td>
<td>5</td>
<td>0</td>
<td>180</td>
<td>139</td>
<td>628</td>
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<td>2019</td>
<td>$41,750</td>
<td>38</td>
<td>2,222</td>
<td>1,570</td>
<td>1,072/1,150/0</td>
<td>2,195/27</td>
<td>67</td>
<td>34</td>
<td>38</td>
<td>34</td>
<td>43/16</td>
<td>201</td>
<td>11</td>
<td>6</td>
<td>0</td>
<td>146</td>
<td>106</td>
<td>504</td>
</tr>
</tbody>
</table>

**Nationwide**

- Average Salary: $42,028
- Extended Contract Days: 30
- AG Teachers: 13,190
- AG Programs: 8,504
- Female/Male/Non-Binary Teachers: 6,212/6,797/6
- Full-Time/Part-Time Teachers: 12,837/353

*Not all states reported*
Agricultural Education Degree Institutions

Visit the Teach Ag website at www.naae.org/teachag/college.cfm for program links

Illinois State University
Normal, IL

Southern Illinois University
Carbondale, IL

Western Illinois University
Macomb, IL

University of Illinois
Urbana, IL

Huntington University
Huntington, IN

Purdue University
Lafayette, IN

Eastern Kentucky University
Richmond, KY

Morehead State University
Morehead, KY

Murray State University
Murray, KY

Western Kentucky University
Bowling Green, KY

University of Kentucky
Lexington, KY

Michigan State University
East Lansing, MI

College of the Ozarks
Point Lookout, MO

Missouri State University
Springfield, MO

Northwest Missouri State University
Maryville, MO

Southeast Missouri State University
Cape Girardeau, MO

University of Central Missouri
Warrensburg, MO

University of Missouri
Columbia, MO

Central State University
Wilberforce, OH

The Ohio State University
Columbus, OH

Ohio State University ATI
Wooster, OH

Wilmington College
Wilmington, OH

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