## Agriculture Teacher Supply and Demand Highlights

- **The 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 96%.
- Individuals majoring in **agricultural education** are **increasing** (1%) even as other education content areas are experiencing decreases.
- The **conversion rate** of agricultural education graduates is at an all-time **high** of 75%.
- The **majority** of new agricultural education majors are Caucasian (90%) and female (71%).
- School districts are hiring an unprecedented number of **alternatively certified** and non-licensed teachers to fill open positions due to demand.

### 2014-2018 Agriculture Teacher Supply and Demand Overview

**NAAE Region 5**

**Average Salary**

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>$36,004</td>
</tr>
<tr>
<td>2015</td>
<td>$39,408</td>
</tr>
<tr>
<td>2016</td>
<td>$39,408</td>
</tr>
<tr>
<td>2017</td>
<td>$40,619</td>
</tr>
<tr>
<td>2018</td>
<td>$38,178</td>
</tr>
</tbody>
</table>

**Extended Contract Days**

<table>
<thead>
<tr>
<th>Year</th>
<th>AG Teachers</th>
<th>AG Programs</th>
<th>Female/Male 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>Programs Closed/Positions Lost</th>
<th>Unfilled Full-Time Positions</th>
<th>Unfilled Part-Time Positions</th>
<th>Agricultural Education Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>60</td>
<td>2,246</td>
<td>NA</td>
<td>NA</td>
<td>63</td>
<td>49.5</td>
<td>37</td>
<td>128</td>
<td>73/NA</td>
<td>182/84</td>
<td>NA/17</td>
<td>7</td>
<td>128</td>
<td>514</td>
</tr>
<tr>
<td>2015</td>
<td>40</td>
<td>2,210</td>
<td>940/1,271</td>
<td>2,200/10</td>
<td>31.5</td>
<td>36</td>
<td>39</td>
<td>103</td>
<td>NA/84</td>
<td>160.5</td>
<td>NA/17</td>
<td>0</td>
<td>0</td>
<td>88</td>
</tr>
<tr>
<td>2016</td>
<td>40</td>
<td>2,308</td>
<td>1,164/1,141</td>
<td>2,284/24</td>
<td>46</td>
<td>49</td>
<td>52</td>
<td>159</td>
<td>60/14</td>
<td>172</td>
<td>28/33</td>
<td>114/36</td>
<td>7</td>
<td>138</td>
</tr>
<tr>
<td>2017</td>
<td>37</td>
<td>2,358</td>
<td>1,036/1,322</td>
<td>2,349/9</td>
<td>30</td>
<td>47</td>
<td>27</td>
<td>87</td>
<td>114/36</td>
<td>125</td>
<td>19/19</td>
<td>103/32</td>
<td>172</td>
<td>94</td>
</tr>
<tr>
<td>2018</td>
<td>54</td>
<td>2,173</td>
<td>1,025/1,145</td>
<td>2,156/25</td>
<td>68</td>
<td>31</td>
<td>41</td>
<td>140</td>
<td>191</td>
<td>163/32</td>
<td>45/88</td>
<td>363/111</td>
<td>191</td>
<td>NA</td>
</tr>
</tbody>
</table>

**Agricultural Education Graduates Teaching**

<table>
<thead>
<tr>
<th>Year</th>
<th>Agricultural Education Graduates Teaching</th>
<th>AG ED Major Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>36,004</td>
<td>514</td>
</tr>
<tr>
<td>2015</td>
<td>39,408</td>
<td>NA</td>
</tr>
<tr>
<td>2016</td>
<td>39,408</td>
<td>NA</td>
</tr>
<tr>
<td>2017</td>
<td>40,619</td>
<td>472</td>
</tr>
<tr>
<td>2018</td>
<td>38,178</td>
<td>479</td>
</tr>
</tbody>
</table>

**Nationwide**

- **Average Salary**: $40,854
- **Extended Contract Days**: 37
- **AG Teachers**: 13,827
- **AG Programs**: 9,071
- **Female/Male Teachers**: 6,099/7,250
- **Full-Time/Part-Time Teachers**: 13,206/629

*not all states reported*
Agricultural Education Degree Institutions

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

Auburn University
Auburn, AL

University of Florida
Gainesville, FL

University of Florida - Plant City
Plant City, FL

Abraham Baldwin Agricultural College
Tifton, GA

Fort Valley State University
Fort Valley, GA

University of Georgia
Athens, GA

University of Georgia - Tifton
Tifton, GA

Alcorn State University
Alcorn State, MS

Mississippi State University
Mississippi State, MS

Brevard College
Brevard, NC

North Carolina A&T State University
Greensboro, NC

North Carolina State University
Raleigh, NC

University of Mount Olive
Mount Olive, NC

University of Puerto Rico - Mayaguez
Mayaguez, Puerto Rico

Clemson University
Clemson, SC

Middle Tennessee State University
Murfreesboro, TN

Tennessee State University
Nashville, TN

Tennessee Technological University
Cookeville, TN

University of Tennessee
Knoxville, TN

University of Tennessee at Martin
Martin, TN

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