### 2016-2020 Agriculture Teacher Supply and Demand Overview

**NAAE Region 6**

<table>
<thead>
<tr>
<th></th>
<th>2016*</th>
<th>2017*</th>
<th>2018*</th>
<th>2019*</th>
<th>2020*</th>
<th>Nationwide*</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Average Salary</strong></td>
<td>$42,516</td>
<td>$45,200</td>
<td>$46,000</td>
<td>$43,334</td>
<td>$43,753</td>
<td>$41,762</td>
</tr>
<tr>
<td><strong>Extended Contract Days</strong></td>
<td>35</td>
<td>13</td>
<td>23</td>
<td>18</td>
<td>19</td>
<td>33</td>
</tr>
<tr>
<td><strong>Ag Teachers</strong></td>
<td>1,282.5</td>
<td>1,298</td>
<td>1,737</td>
<td>1,381</td>
<td>1,450.5</td>
<td>13,253.5</td>
</tr>
<tr>
<td><strong>Ag Programs</strong></td>
<td>835</td>
<td>821</td>
<td>1,146</td>
<td>856</td>
<td>884</td>
<td>8,466</td>
</tr>
<tr>
<td><strong>New Positions</strong></td>
<td>12</td>
<td>9</td>
<td>6</td>
<td>27</td>
<td>21</td>
<td>242</td>
</tr>
<tr>
<td><strong>New Programs</strong></td>
<td>18</td>
<td>27</td>
<td>10</td>
<td>20</td>
<td>18</td>
<td>140</td>
</tr>
<tr>
<td><strong>Retirements</strong></td>
<td>14</td>
<td>20</td>
<td>23</td>
<td>26</td>
<td>19</td>
<td>165</td>
</tr>
<tr>
<td><strong>Left Teaching</strong></td>
<td>58</td>
<td>38</td>
<td>70</td>
<td>28</td>
<td>64</td>
<td>636</td>
</tr>
<tr>
<td><strong>Alt. Certified/Non-Licensed hires</strong></td>
<td>24/15</td>
<td>32/13</td>
<td>12/7</td>
<td>27/3</td>
<td>29/9</td>
<td>199/75</td>
</tr>
<tr>
<td><strong>Positions to Fill</strong></td>
<td>57.5</td>
<td>60</td>
<td>71</td>
<td>75</td>
<td>81</td>
<td>801</td>
</tr>
<tr>
<td><strong>Positions Lost</strong></td>
<td>12.5</td>
<td>7</td>
<td>5</td>
<td>6</td>
<td>4</td>
<td>77</td>
</tr>
<tr>
<td><strong>Unfilled Full-Time Positions</strong></td>
<td>8</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>7</td>
<td>51</td>
</tr>
<tr>
<td><strong>Unfilled Part-Time Positions</strong></td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td><strong>Agricultural Education Graduates</strong></td>
<td>44</td>
<td>57</td>
<td>39</td>
<td>48</td>
<td>43</td>
<td>897</td>
</tr>
<tr>
<td><strong>Agricultural Education Graduates Teaching</strong></td>
<td>30</td>
<td>35</td>
<td>26</td>
<td>37</td>
<td>31</td>
<td>661</td>
</tr>
<tr>
<td><strong>Ag Ed Major Enrollment</strong></td>
<td>NA</td>
<td>183</td>
<td>156</td>
<td>213</td>
<td>171</td>
<td>3,098</td>
</tr>
</tbody>
</table>

*not all states reported

### 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 remains historically **high at 96%**.
- Individuals majoring in **agricultural education** continues to be steady even as other education majors and college enrollment in general have seen declines.
- Alternate licensure and non-licensed new hires are the **lowest** they have been in **seven years**.
- The **majority** of **new** agricultural education graduates are predominately **female (75%)** and **Caucasian (89%)**.
- Fewer teachers **moved schools** than in the last **seven years**.

[www.naae.org/teachag](http://www.naae.org/teachag)

[aaaeonline.org/](http://aaaeonline.org/)  
Teacher-Supply-and-Demand
Agricultural Education Degree Institutions

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

University of Connecticut
Storrs, CT

Delaware State University
Dover, DE

University of Delaware
Newark, DE

University of Maryland College Park
College Park, MD

University of Maryland Eastern Shore
Princess Anne, MD

University of New Hampshire
Durham, NH

Rutgers University
New Brunswick, NJ

Ithaca College
Ithaca, NY

State University of New York at Oswego
Oswego, NY

Delaware Valley University
Doylestown, PA

The Pennsylvania State University
University Park, PA

Ferrum College
Ferrum, VA

Virginia State University
Petersburg, VA

Virginia Tech University
Blacksburg, VA

West Virginia University
Morgantown, WV

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