## 2016-2020 Agriculture Teacher Supply and Demand Overview NAAE Region 4

### 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.

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

| Year | Average Salary | Extended Contract Days | Ag Teachers | Ag Programs | New Positions | New Programs | Retirements | Left Teaching | Alt. Certified/Non-Licensed Hires | Positions to Fill | Positions Lost | Unfilled Full-Time Positions | Unfilled Part-Time Positions | Agricultural Education Graduates | Agricultural Education Graduates Teaching | Ag Ed Major Enrollment |
|------|----------------|------------------------|-------------|-------------|---------------|--------------|-------------|--------------|-------------------------------|-----------------|---------------|-------------------------------|-------------------------------|--------------------------|-------------------------------|---------------------|----------------|
| 2016* | $43,403        | 37                     | 1,578       | 1,140       | 31            | 17           | 28          | 138           | 21/23                         | 148             | 21            | 6               | 0               | 115          | 93                          | NA                  |
| 2017* | $43,986        | 43                     | 2,059       | 1,511       | 31            | 20           | 23          | 98            | 62/7                          | 211             | 11            | 0               | 1               | 105          | 85                          | 691                 |
| 2018* | $38,633        | 48                     | 2,507       | 1,745       | 58            | 34           | 38          | 175           | 55/32                         | 221             | 12            | 5               | 0               | 106          | 139                         | 628                 |
| 2019* | $41,750        | 38                     | 2,222       | 1,570       | 67            | 34           | 36          | 140           | 43/16                         | 201             | 11            | 6               | 0               | 146          | 106                         | 504                 |
| 2020* | $38,166        | 40                     | 2,289       | 1,576       | 64            | 23           | 42          | 140           | 44/10                         | 183             | 21            | 2               | 0               | 153          | 108                         | 585                 |
| **NATIONWIDE** | **$41,762**      | **33**                   | **13,253.5** | **8,466**   | **64**       | **23**       | **42**      | **140**        | **199/75**                   | **801**         | **77**        | **51**          | **2**            | **897**       | **661**                      | **3,098**           |

*not all states reported
Illinois State University  
Normal, IL

Southern Illinois University  
Carbondale, IL

University of Illinois - Urbana-Champaign  
Urbana, IL

Western Illinois University  
Macomb, IL

Huntington University  
Huntington, IN

Purdue University  
Lafayette, IN

Eastern Kentucky University  
Richmond, KY

Morehead State University  
Morehead, KY

Murray State University  
Murray, KY

University of Kentucky  
Lexington, KY

Western Kentucky University  
Bowling Green, 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