### 2017 Agriculture Teacher Supply and Demand Overview Nationwide

#### Key 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 96%.
- Individuals majoring in agricultural education are increasing 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 female.
- School districts are hiring an unprecedented number of alternatively certified and non-licensed teachers to fill open positions due to demand.

#### Summary:

- **Average Salary**
  - Region 6: $45,200
  - Region 5: $43,093
  - Region 4: $40,619
  - Region 3: N/A
  - Region 2: $37,900
  - Region 1: $35,000
- **Extended Contract Days**
  - Region 6: 33
  - Region 5: 13
  - Region 4: 13
  - Region 3: 13
  - Region 2: 13
  - Region 1: 13
- **Ag Teachers**
  - Region 6: 1,270
  - Region 5: 1,298
  - Region 4: 1,270
  - Region 3: N/A
  - Region 2: 1,258
  - Region 1: 1,258
- **Ag Programs**
  - Region 6: 676
  - Region 5: 621
  - Region 4: 607
  - Region 3: N/A
  - Region 2: 587
  - Region 1: 587
- **Female/Male Teachers**
  - Region 6: 381/381
  - Region 5: 356/356
  - Region 4: 336/336
  - Region 3: N/A
  - Region 2: 321/321
  - Region 1: 321/321
- **Full-Time/Part-Time Teachers**
  - Region 6: 1,270/28
  - Region 5: 1,298/28
  - Region 4: 1,270/28
  - Region 3: N/A
  - Region 2: 1,258/28
  - Region 1: 1,258/28
- **New Positions**
  - Region 6: 9
  - Region 5: 9
  - Region 4: 9
  - Region 3: N/A
  - Region 2: 9
  - Region 1: 9
- **New Programs**
  - Region 6: 30
  - Region 5: 30
  - Region 4: 30
  - Region 3: N/A
  - Region 2: 30
  - Region 1: 30
- **Retirements**
  - Region 6: 18
  - Region 5: 18
  - Region 4: 18
  - Region 3: N/A
  - Region 2: 18
  - Region 1: 18
- **Left Teaching**
  - Region 6: 20
  - Region 5: 20
  - Region 4: 20
  - Region 3: N/A
  - Region 2: 20
  - Region 1: 20
- **Alt. Certified/Non-Licensed Hires**
  - Region 6: 114
  - Region 5: 114
  - Region 4: 114
  - Region 3: N/A
  - Region 2: 114
  - Region 1: 114
- **Positions to Fill**
  - Region 6: 37
  - Region 5: 37
  - Region 4: 37
  - Region 3: N/A
  - Region 2: 37
  - Region 1: 37
- **Programs Closed/Positions Lost**
  - Region 6: 0
  - Region 5: 0
  - Region 4: 0
  - Region 3: N/A
  - Region 2: 0
  - Region 1: 0
- **Unfilled Full-Time Positions**
  - Region 6: 0
  - Region 5: 0
  - Region 4: 0
  - Region 3: N/A
  - Region 2: 0
  - Region 1: 0
- **Unfilled Part-Time Positions**
  - Region 6: 0
  - Region 5: 0
  - Region 4: 0
  - Region 3: N/A
  - Region 2: 0
  - Region 1: 0
- **Agricultural Education Graduates**
  - Region 6: 103
  - Region 5: 103
  - Region 4: 103
  - Region 3: N/A
  - Region 2: 103
  - Region 1: 103
- **Agricultural Education Graduates Teaching**
  - Region 6: 9
  - Region 5: 9
  - Region 4: 9
  - Region 3: N/A
  - Region 2: 9
  - Region 1: 9
- **Ag Ed Major Enrollment**
  - Region 6: 111
  - Region 5: 111
  - Region 4: 111
  - Region 3: N/A
  - Region 2: 111
  - Region 1: 111
### Agricultural Education Degree Institutions

Visit the Teach Ag website at [www.naae.org/teachag/college.cfm](http://www.naae.org/teachag/college.cfm) for program links

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<tr>
<th>University</th>
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<tr>
<td>University of Wyoming</td>
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### 2016 Agriculture Teacher Supply and Demand Overview

**NAAE Regions**

- Region I
- Region 2
- Region 3
- Region 4
- Region 5
- Region 6
- Nationwide*

**Average Salary**
- Region I: $38,000
- Region 2: $39,000
- Region 3: $38,526
- Region 4: $43,403
- Region 5: $39,408
- Region 6: $42,516
- Nationwide*: $40,142

**Extended Contract Days**
- Region I: 32
- Region 2: 47.5
- Region 3: 28
- Region 4: 37
- Region 5: 40
- Region 6: 35
- Nationwide*: 37

**Ag Teachers**
- Region I: 1,573
- Region 2: 3,634
- Region 3: 1,182
- Region 4: 1,578
- Region 5: 2,308
- Region 6: 1,282.5
- Nationwide*: 1,1557.5

**Ag Programs**
- Region I: 897
- Region 2: 2,197
- Region 3: 1013
- Region 4: 1,404
- Region 5: 1,693
- Region 6: 835
- Nationwide*: 7,775

**Female/Male Teachers**
- Region I: 725/848
- Region 2: 1,186/2,448
- Region 3: 545/637
- Region 4: 663/915
- Region 5: 1,164/1,141
- Region 6: 705.5/523
- Nationwide*: 4,988.5/6,512*

**Full-Time/Part-Time Teachers**
- Region I: 1,469/114
- Region 2: 3,525/109
- Region 3: 1,118/64
- Region 4: 1,567/11
- Region 5: 2,286/24
- Region 6: 1,264/18.5
- Nationwide*: 11,217/340.5*

**New Positions**
- Region I: 27
- Region 2: 40
- Region 3: 19
- Region 4: 31
- Region 5: 46
- Region 6: 12
- Nationwide*: 175

**New Programs**
- Region I: 17
- Region 2: 28
- Region 3: 20
- Region 4: 17
- Region 5: 49
- Region 6: 18
- Nationwide*: 149

**Retirements**
- Region I: 32
- Region 2: 52
- Region 3: 23
- Region 4: 28
- Region 5: 52
- Region 6: 14
- Nationwide*: 201

**Left Teaching**
- Region I: 80
- Region 2: 209
- Region 3: 77
- Region 4: 138
- Region 5: 159
- Region 6: 58
- Nationwide*: 721

**Alt. Certified/Non-Licensed Hires**
- Region I: 25/6
- Region 2: 93/16
- Region 3: 22/6
- Region 4: 21/23
- Region 5: 60/14
- Region 6: 24/15
- Nationwide*: 175

**Positions to Fill**
- Region I: 93
- Region 2: 238
- Region 3: 89
- Region 4: 148
- Region 5: 172
- Region 6: 57.5
- Nationwide*: 797.5

**Programs Closed/Positions Lost**
- Region I: 13/14
- Region 2: 8/11
- Region 3: 5/7
- Region 4: 7/21
- Region 5: 28/33
- Region 6: 12/12.5
- Nationwide*: 73/98.5

**Unfilled Full-Time Positions**
- Region I: 15
- Region 2: 9
- Region 3: 14
- Region 4: 6
- Region 5: 14
- Region 6: 8
- Nationwide*: 66

**Unfilled Part-Time Positions**
- Region I: 0
- Region 2: 0
- Region 3: 0
- Region 4: 0
- Region 5: 0
- Region 6: 0
- Nationwide*: 0

**Agricultural Education Graduates**
- Region I: 113
- Region 2: 293
- Region 3: 77
- Region 4: 115
- Region 5: 130
- Region 6: 44
- Nationwide*: 772

**Agricultural Education Graduates Teaching**
- Region I: 96
- Region 2: 196
- Region 3: 60
- Region 4: 93
- Region 5: 94
- Region 6: 30
- Nationwide*: 569

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**Net Gain of Agriculture Teachers**
- 769.5 open agricultural education teaching positions in 2016
  - 492 left school based agricultural education for other opportunities
  - 201 agriculture teachers retired
  - 28 agriculture teachers moved to teach ag in another state
  - 175 new positions added
  - Approximately 98.5 programs closed due to low enrollment, budgets, lack of teacher or combination

- 76.5 net gain of agriculture teachers
  - 325 positions filled with an alternatively certified or non-licensed teacher
  - 66 full-time positions went unfilled

*not all states reported

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www.naae.org/teachag