# 2014-2018 AGRICULTURE TEACHER SUPPLY AND DEMAND OVERVIEW NAAE REGION 3

| | 2014 | 2015 | 2016 | 2017 | 2018 | NATIONWIDE |
|---|---|---|---|---|---|---|
| AVERAGE SALARY* | $36,000 | $38,526 | $38,526 | N/A | $50,321 | $40,854 |
| EXTENDED CONTRACT DAYS* | 22 | 28 | 28 | 27 | 32 | 37 |
| AG TEACHERS | 1,122 | 1,138 | 1,182 | 1224 | 1,247 | 13,827 |
| AG PROGRAMS | 982 | 1,000 | 1013 | 1048 | 1,065 | 9,071 |
| FEMALE/MALE TEACHERS | NA | 561/575 | 545/637 | 600/624 | 640/607 | 6,099/7,250 |
| FULL-TIME/ PART-TIME TEACHERS | NA | 1,087/51 | 1,118/64 | 1151/73 | 1,193/54 | 13,206/629 |
| NEW POSITIONS | 23 | 20 | 19 | 11 | 14 | 247 |
| NEW PROGRAMS | 30 | 26 | 20 | 26 | 19 | 140 |
| RETIREMENTS | 20 | 17 | 23 | 20 | 22 | 223 |
| LEFT TEACHING | 59 | 58 | 77 | 44 | 87 | 868 |
| ALT. CERTIFIED/NON-LICENSED HIRES | 18/NA | NA/24 | 22/6 | 37/10 | 11/6 | 363/111 |
| POSITIONS TO FILL | NA | 97 | 89 | 71.3 | 95 | 1027 |
| PROGRAMS CLOSED/POSITIONS LOST | NA | NA/4 | 5/7 | 5/3.7 | 5/6 | 45/88 |
| UNFILLED FULL-TIME POSITIONS | 12 | 10 | 14 | 2 | 5 | 61 |
| UNFILLED PART-TIME POSITIONS | 2 | 2 | 0 | 0 | 2 | 10 |
| AGRICULTURAL EDUCATION GRADUATES | 81 | 75 | 77 | 80 | 99 | 873 |
| AGRICULTURAL EDUCATION GRADUATES TEACHING | 51 | 49 | 60 | 59 | 80 | 654 |
| AG ED MAJOR ENROLLMENT | 268 | NA | NA | 378 | 397 | 3,174 |

*not all states reported

TEACH AG

NATIONAL SUPPLY & DEMAND PROJECT · AGRICULTURAL EDUCATION

www.naae.org/teachag

aaaeonline.org/Teacher-Supply-and-Demand

## 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**.

# AGRICULTURAL EDUCATION DEGREE INSTITUTIONS

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

**Dordt College**
Sioux Center, IA

**Iowa State University**
Ames, IA

**Morningside College**
Sioux City, IA

**Southwest Minnesota State University**
Marshall, MN

**University of Minnesota - Twin Cities**
St. Paul, MN

**University of Minnesota - Crookston**
Crookston, MN

**University of Nebraska**
Lincoln, NE

**North Dakota State University**
Fargo, ND

**South Dakota State University**
Brookings, SD

**University of Wisconsin - Platteville**
Platteville, WI

**University of Wisconsin - River Falls**
River Falls, WI

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