2017 AGRICULTURE TEACHER SUPPLY AND DEMAND OVERVIEW NATIONWIDE

	REGION I	REGION 2	REGION 3	REGION 4	REGION 5	REGION 6	NATIONWIDE*
AVERAGE SALARY	$43,000	$42,660	N/A	$ 43,986	$40,619	$45,200	$43,093
EXTENDED CONTRACT DAYS	28	47.5	27	43	37	13	33
AG TEACHERS	1,872	3,879	1,224	2,059	2,358	1,298	12,690
AG PROGRAMS	1,102	2,230	1,048	1,511	1,759	821	8,471
FEMALE/MALE TEACHERS	893/729	1,489/2,390	600/624	888/1,130	1,036/1,322	676/587	5,582/6,782
FULL-TIME/ PART-TIME TEACHERS	1,778/94	3,399/480	1,151/73	2,045/14	2,349/9	1,270/28	11,992/698
NEW POSITIONS	70	65	11	31	30	9	216
NEW PROGRAMS	30	39	26	20	47	27	189
RETIREMENTS	20	48	20	23	27	20	158
LEFT TEACHING	65	178	44	98	87	38	510
ALT. CERTIFIED/NON-LICENSED HIRES	42/11	69/29	37/10	62/7	114/36	32/13	356/106
POSITIONS TO FILL	135	280	71.3	141	125	60	812.3
PROGRAMS CLOSED/POSITIONS LOST	12/20	8/11	5/3.7	2/11	19/19	6/7	51/71.7
UNFILLED FULL-TIME POSITIONS	40	11	2	0	13	6	72
UNFILLED PART-TIME POSITIONS	1	1	0	1	0	1	4
AGRICULTURAL EDUCATION GRADUATES	117	270	80	105	111	57	740
AGRICULTURAL EDUCATION GRADUATES TEACHING	107	191	59	85	79	35	556
AG ED MAJOR ENROLLMENT	540	978	378	591	472	183	3,142

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www.naae.org/teachag

Smith, A. R., Lawver, R. G., & Foster, D. D. (2018). National Agricultural Education Supply and Demand Study, 2017 Executive Summary. Retrieved from:http://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** 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**.

AGRICULTURAL EDUCATION DEGREE INSTITUTIONS

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

Auburn University
Auburn, AL
Arkansas State University
Jonesboro, AR
Arkansas Tech University
Russellville, AR
University of Arkansas - Pine Bluff
Pinebluff, AR
Southern Arkansas University
Magnolia, AR
University of Arkansas
Fayetteville, AR
University of Arizona
Tucson, AZ
University of California, Davis
Davis, CA
California State University, Chico
Chico, CA
California State University, Fresno
Fresno, CA
Cal Poly - Pomona
Pomona, CA
Cal Poly - San Luis Obispo
San Luis Obispo, CA
Colorado State University
Ft. Collins, CO
University of Connecticut
Storrs, CT
Delaware State University
Dover, DE
University of Delaware
Newark, DE
University of Florida
Gainesville, FL
Fort Valley State University
Fort Valley, GA
University of Georgia
Athens, GA
Dordt College
Sioux Center, IA
Iowa State University
Ames, IA
University of Idaho
Moscow, ID
Illinois State University
Normal, IL
Southern Illinois University
Carbondale, IL
Western Illinois University
Macomb, IL
University of Illinois
Urbana, IL

Huntington University
Huntington, IN
Purdue University
Lafayette, IN
Fort Hayes State University
Hayes, KS
Kansas State University
Manhattan, KS
Eastern Kentucky University
Richmond, KY
Morehead State University
Morehead, KY
Murray State University
Murray, KY
Western Kentucky University
Bowling Green, KY
University of Kentucky
Lexington, KY
Louisiana State University
Baton Rouge, LA
Louisiana Tech University
Ruston, LA
McNeese State University
Lake Charles, LA
University of Massachusetts
Amherst, MA
University of Maryland College Park
College Park, MD
University of Maryland Eastern Shore
Princess Anne, MD
Michigan State University
East Lansing, MI
Southwest Minnesota State University
Marshall, MN
University of Minnesota - Twin Cities
St. Paul, MN
University of Minnesota - Crookston
Crookston, MN
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 Missouri
Columbia, MO
Alcorn State University
Alcorn State, MS
Mississippi State University
Mississippi State, MS

Montana State University-Bozeman
Bozeman, MT
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
North Dakota State University
Fargo, ND
University of Nebraska
Lincoln, NE
University of New Hampshire
Durham, NH
Eastern New Mexico State University
Portales, NM
New Mexico State University
Las Cruces, NM
Rutgers University
New Brunswick, NJ
University of Nevada - Reno
Reno, NV
Cornell University
Ithaca, NY
State University of New York at Oswego
Oswego, NY
Central States University
Wilberforce, OH
The Ohio State University
Columbus, OH
Wilmington College
Wilmington, OH
Northwestern Oklahoma State
Alva, OK
Oklahoma State University
Stillwater, OK
Panhandle State University
Goodwell, OK
Oregon State University
Corvallis, OR
Delaware Valley College
Doylestown, PA
The Pennsylvania State University
University Park, PA
University of Puerto Rico - Mayaguez
Mayaguez, Puerto Rico
Clemson University
Clemson, SC
South Dakota State University
Brookings, SD

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
Angelo State University
San Angelo, TX
Sam Houston State University
Huntsville, TX
Stephen F. Austin State University
Nacogdoches, TX
Sul Ross State University
Alpine, TX
Tarleton State University
Stephenville, TX
Texas A&M University
College Station, TX
Texas A&M University - Commerce
Commerce, TX
Texas A&M University - Kingsville
Kingsville, TX
Texas State University - San Marcos
San Marcos, TX
Texas Tech University
Lubbock, TX
West Texas A&M University
Canyon, TX
Utah State University
Logan, UT
Ferrum College
Ferrum, VA
Virginia State University
Petersburg, VA
Virginia Tech University
Blacksburg, VA
Washington State University
Pullman, WA
University of Wisconsin - Platteville
Platteville, WI
University of Wisconsin - River Falls
River Falls, WI
West Virginia University
Morgantown, WV
University of Wyoming
Laramie, WY

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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	$38,000	$39,000	$38,526	$43,403	$39,408	$42,516	$40,142
EXTENDED CONTRACT DAYS	32	47.5	28	37	40	35	37
AG TEACHERS	1,573	3,634	1,182	1,578	2,308	1,282.5	11,557.5
AG PROGRAMS	897	2,197	1013	1,140	1,693	835	7,775
FEMALE/MALE TEACHERS	725/848	1,186/2,448	545/637	663/915	1,164/1,141	705.5/523	4,988.5/6,512*
FULL-TIME/ PART-TIME TEACHERS	1,459/114	3,525/109	1,118/64	1,567/11	2,284/24	1,264/18.5	11,217/340.5*
NEW POSITIONS	27	40	19	31	46	12	175
NEW PROGRAMS	17	28	20	17	49	18	149
RETIREMENTS	32	52	23	28	52	14	201
LEFT TEACHING	80	209	77	138	159	58	721
ALT. CERTIFIED/NON-LICENSED HIRES	25/6	93/16	22/6	21/23	60/14	24/15	245/80
POSITIONS TO FILL	93	238	89	148	172	57.5	797.5
PROGRAMS CLOSED/POSITIONS LOST	13/14	8/11	5/7	7/21	28/33	12/12.5	73/98.5
UNFILLED FULL-TIME POSITIONS	15	9	14	6	14	8	66
UNFILLED PART-TIME POSITIONS	0	0	0	0	0	0	0
AGRICULTURAL EDUCATION GRADUATES	113	293	77	115	130	44	772
AGRICULTURAL EDUCATION GRADUATES TEACHING	96	196	60	93	94	30	569

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2016 Executive Summary.
aaaeonline.org/Resources/Documents/NSD2016Summary.pdf

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