

Representation Matters: The 1890 Land Grant Institutions' Role in School-Based Agricultural Education Supply and Demand

Introduction

- 1.5% of SBAE Teachers reported as Black/African American.
- 14% of SBAE Teacher Education Program Completers reported as Non-white.
- 2.5% of SBAE Teacher Education Program Completers reported as Black/African American.
- 6 of the 8 1890 Land Grant Institutions with SBAE teacher education programs reported in most recent study (AAAE NSD 2022).

Conceptual Framework

AAAE NSD 2014-2016 Status of the US Supply & Demand for Teachers of Agricultural Education report.

Methods

Secondary data analysis of AAAE National Supply & Demand data (2014-present).

Results

- The institutions reported annual data shows *non-white program completers* (NWPC) from the 2014-2023 reporting 31% of the total program completers .

Could expansion of 1890 LGIs' Agricultural Education programs help with representation among SBAE?

From 2014 to present:
117 - Total Program Completers
36 - Non-White Completers

Figure 1

Reported Agricultural Teacher Education Program Completers from 1890 Land Grant Institutions, 2014 to present.

Year of Reporting	Number of Institutions Reporting	Total Program Completers	Non-White Program Completers (NWPC)	% of Total NWPC Completers that Year
2014	6	16	14	88%
2015	5	14	0	0%
2016	8	17	2	12%
2017	5	7	3	43%
2018	5	12	1	8%
2019	5	12	4	33%
2020	6	21	5	24%
2021	5	4	1	25%
2022	4	8	5	63%
2023	4	6	1	17%

Total Land Grant Institutions

- 1862 LGI: 51
- 1890 LGI: 19
- 1994 LGI: 36

Implications

- If students of color and other diverse backgrounds are to pursue a career in agriculture, especially agricultural education, positive interactions with agriculture teachers that represent them could increase their interest.
- Recommend that further inquiry into which 1890 LGIs currently have agricultural teacher education programs available also be conducted.
- Similar work should be done in Primarily White Institutions (PWI), Hispanic Serving Institutions (HSI) and Tribal Colleges (1994 LGI).



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