

2019 SREB Legislative Advisory Council Winter Meeting

Education Human Capital — Reversing Current Teacher Workforce Challenges

Saturday, November 16, 2019



9,000 FEWER
CANDIDATES
COMPLETED TEACHER
PREPARATION
PROGRAMS IN 2017
THAN IN 2013.



ALMOST ALL SREB
STATES HAVE
SHORTAGES IN
MATHEMATICS,
SCIENCE AND SPECIAL
EDUCATION.

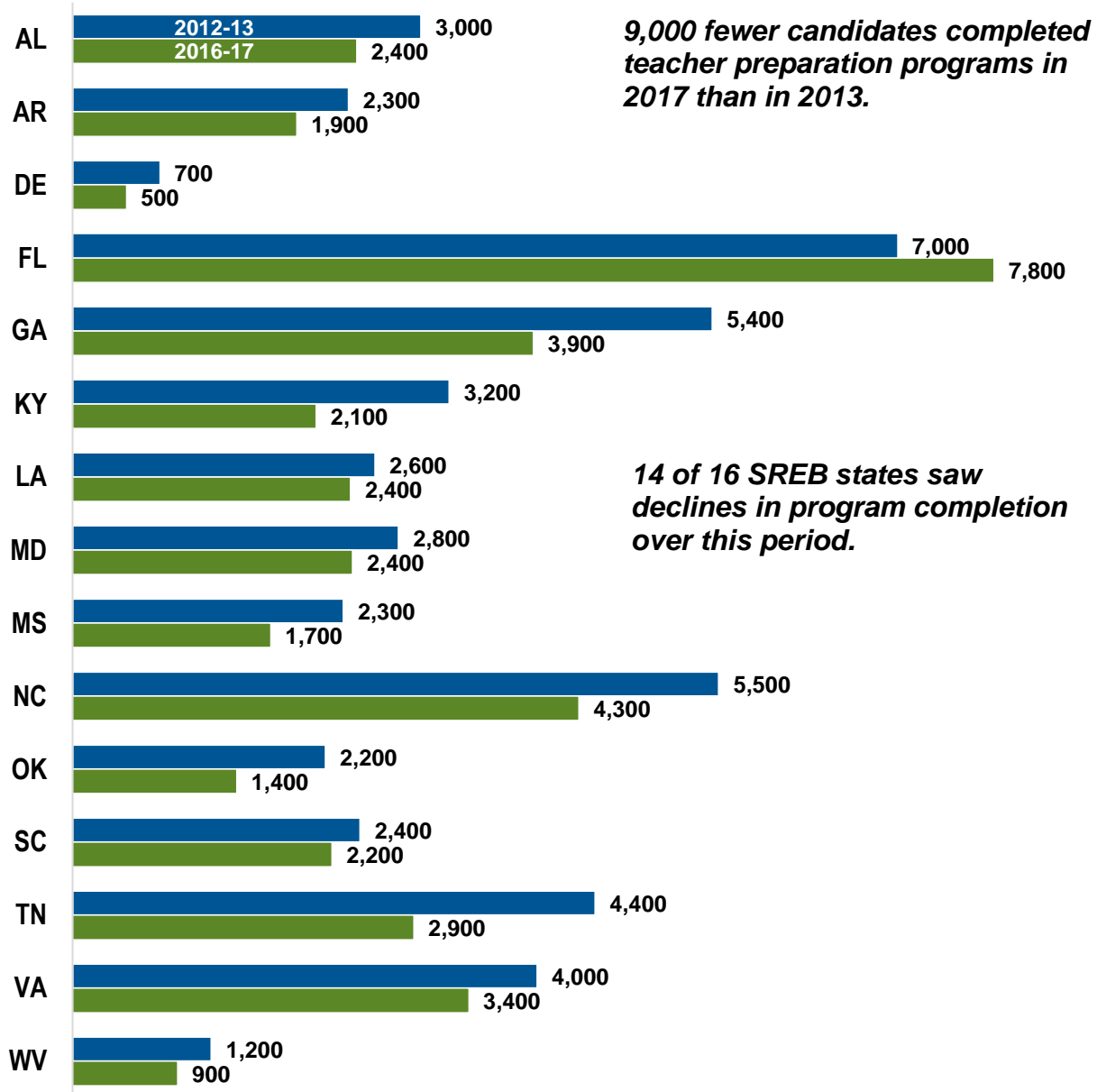


1 OUT OF 7 TEACHERS
ARE UNCERTIFIED OR
INEXPERIENCED
(2015-16).

Notes and Observations

I. Total* Teacher Preparation Program Completions by State (SY 2012-13 and SY 2016-17)

Nearly all SREB states saw *substantial declines in completion* for all types of teacher preparation programs.



*Includes teacher candidates who completed traditional teacher preparation programs and university-based and private alternative teacher preparation programs.

Note: Texas is excluded because the number of teacher candidates involved was beyond the scale of this graphic. The completion numbers for Texas were 20,869 in 2012-13 and 22,574 in 2016-17.

Source: U.S. Department of Education. "2018 Title II Reports." Retrieved from <https://title2.ed.gov/Public/Home.aspx>.

II. Teacher Shortage Areas by Grade Span (SY 2018-19)

Across the SREB region, almost all states have shortages in *mathematics, science, and special education*.

State	Shortage Subject Areas ^{1,2} by Grade Span						
	ELA	Math	Science	Social studies	Special education	ESOL	Career Tech
Alabama	P-12	P-12	6-12		K-12		
Arkansas	7-12	7-12	7-12	7-12	K-12		4-12
Delaware	6-12	6-12	6-12		P-12	P-12	6-12
Florida	P-12	P-12	P-12		P-12	P-12	
Georgia		6-12	6-12		K-12		
Kentucky	6-12	6-12	6-12	6-12	P-12	P-12	6-12
Louisiana		6-12	6-12		P-12	P-12	
Maryland	4-12	4-12	7-12		P-12	P-12	7-12
Mississippi		Overall shortage	Overall shortage		Overall shortage		
North Carolina		6-12	6-12		Overall shortage		
Oklahoma	Overall shortage	Overall shortage	Overall shortage	Overall shortage	Overall shortage		Overall shortage
South Carolina	5-12	5-12	5-12	5-12	P-12	P-12	P-12
Tennessee	6-12	6-12	6-12	6-12		P-12	
Texas		7-12			P-12	P-12	7-12
Virginia		6-12			P-12		6-12
West Virginia ³	P-12	5-12	5-12	5-12	P-12		P-12
TOTAL STATES	10	16	14	6	15	8	9

¹ States report shortages by subject, discipline, grade span and geographic region. Subject areas may encompass more than one discipline (e.g., science includes biology and chemistry).

² State data for Mississippi, North Carolina and Oklahoma were not reported to the United States Department of Education for 2018-19. Summary data is for 2017-2018. 'Overall shortage' indicates that shortages were not reported by grade span.

³ West Virginia only reports shortages by county. The data above are a summary based on all county shortages.

Source: U.S. Department of Education, *Teacher Shortage Area* report. For more details, download the reports at <https://tsa.ed.gov/#/reports>.

III. Teacher Characteristics by State (SY 2015-16)

Tennessee employs the highest percentage of **inexperienced and uncertified** teachers in the region — Kentucky the lowest — while, Texas leads in **diversity** of their teacher workforce.

State	Percentage of Inexperienced Teachers ¹	Percentage of Uncertified Teachers ²	Percentage of Teachers Planning To Leave Profession ³	Percentage of Teachers of Color ⁴
Alabama	12.0%	1.4%	4.6%	16%
Arkansas	13.8%	4.0%	6.0%	15%
Delaware	12.3%	2.1%	5.8%	8%
Florida	14.1%	4.7%	10.4%	35%
Georgia	9.5%	3.1%	8.0%	25%
Kentucky	10.0%	0.8%	3.6%	3%
Louisiana	12.9%	8.1%	6.0%	35%
Maryland	15.7%	3.4%	10.1%	29%
Mississippi	13.2%	3.2%	7.1%	30%
North Carolina	8.4%	2.7%	10.0%	17%
Oklahoma	12.2%	0.9%	6.7%	17%
South Carolina	11.4%	1.5%	8.6%	18%
Tennessee	19.2%	4.1%	8.7%	15%
Texas	15.4%	2.9%	9.6%	40%
Virginia	12.4%	3.2%	11.0%	15%
West Virginia ³	11.2%	3.4%	9.4%	2%
National Average	12.7%	2.6%	9.4%	20%

¹ Defined as teachers with one or two years of experience. Source: Learning Policy Institute (2018). *Understanding Teacher Shortages: 2018 Update*. Retrieved from <https://learningpolicyinstitute.org/product/understanding-teacher-shortages-interactive>. Primary data from the National Center for Education Statistics' Civil Rights Data Collection, Public-Use Data File 2015-16.

² Ibid. Defined as those teachers practicing under an emergency or provisional certificate.

³ Ibid. Primary data from the National Center for Education Statistics' Public School Teacher File 2016, National Teacher and Principal Survey.

⁴ Ibid.