

Which Colleges Are Helping Create a Diverse Teacher Workforce?

Methodology

Constance Lindsay and Victoria Lee

All data for the charts in the feature come from the National Center of Education Statistics, Integrated Postsecondary Data System (IPEDS). Data on enrollments are from the 2010, 2012, 2014, and 2016 “fall enrollment by major” files. The data on completions are from the 2010–16 “completions by major” files (table A.1).

TABLE A.1

Sample Years for Enrollment and Completion Counts

Year	Enrollment	Completions
2010-11	X	X
2011-12		X
2012-13	X	X
2013-14		X
2014-15	X	X
2015-16		X
2016-17	X	X

Sample

Enrollment and completions counts (at the school level) include undergraduate, degree- or certificate-seeking students at public four-year and private nonprofit four-year institutions. Institutions are categorized as public or private nonprofit based on their institutional control. Institutions are defined as four-year institutions in more than 50 percent of the degrees conferred are at the bachelor’s degree or higher (using the INSTCAT variable in the IPEDS “institutional characteristics” file). Institutions are classified based on their 2015–16 data. Schools in US territories, schools with over 50 percent of their completions in education, and schools with over 25 percent of their enrollment categorized as “other” race are excluded from the data.

Definitions

Education major: For enrollments, education majors are classified using the 2-digit CIP code classification. For completions, education majors are classified using the 6-digit CIP code and includes students completing general education programs and programs directly related to teaching elementary and secondary education (table A.2).

Race: The race data are self-reported from students to their institutions. The category “other” includes all students whose race is unknown or who self-identify as nonresident aliens.

TABLE A.2

List of Teaching Programs Included in Completions for Education Programs

CIP code	Program
130101	Education, General
130201	Bilingual and Multilingual Education
130202	Multicultural Education
130203	Indian/Native American Education
130299	Bilingual, Multilingual, and Multicultural Education, Other
130301	Curriculum and Instruction
130402	Administration of Special Education
130404	Educational, Instructional, and Curriculum Supervision
130410	Urban Education and Leadership
131001	Special Education and Teaching, General
131003	Education/Teaching of Individuals with Hearing Impairments Including Deafness
131004	Education/Teaching of the Gifted and Talented

CIP code	Program
131005	Education/Teaching of Individuals with Emotional Disturbances
131006	Education/Teaching of Individuals with Mental Retardation
131007	Education/Teaching of Individuals with Multiple Disabilities
131008	Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments
131009	Education/Teaching of Individuals with Vision Impairments Including Blindness
131011	Education/Teaching of Individuals with Specific Learning Disabilities
131012	Education/Teaching of Individuals with Speech or Language Impairments
131013	Education/Teaching of Individuals with Autism
131014	Education/Teaching of Individuals Who Are Developmentally Delayed
131015	Education/Teaching of Individuals in Early Childhood Special Education Programs
131016	Education/Teaching of Individuals with Traumatic Brain Injuries
131017	Education/Teaching of Individuals in Elementary Special Education Programs
131018	Education/Teaching of Individuals in Junior High/Middle School Spec
131019	Education/Teaching of Individuals in Secondary Special Education Programs
131099	Special Education and Teaching, Other
131202	Elementary Education and Teaching
131203	Junior High/Intermediate/Middle School Education and Teaching
131205	Secondary Education and Teaching
131206	Teacher Education, Multiple Levels
131207	Montessori Teacher Education
131208	Waldorf/Steiner Teacher Education
131209	Kindergarten/Preschool Education and Teaching
131210	Early Childhood Education and Teaching
131299	Teacher Education and Professional Development, Specific Levels and Methods, Other
131301	Agricultural Teacher Education
131302	Art Teacher Education
131303	Business Teacher Education
131304	Driver and Safety Teacher Education
131305	English/Language Arts Teacher Education
131306	Foreign Language Teacher Education
131307	Health Teacher Education
131308	Family and Consumer Sciences/Home Economics Teacher Education
131309	Technology Teacher Education/Industrial Arts Teacher Education
131310	Sales and Marketing Operations/Marketing and Distribution Teacher Education
131311	Mathematics Teacher Education
131312	Music Teacher Education

CIP code	Program
131314	Physical Education Teaching and Coaching
131315	Reading Teacher Education
131316	Science Teacher Education/General Science Teacher Education
131317	Social Science Teacher Education
131318	Social Studies Teacher Education
131319	Technical Teacher Education
131320	Trade and Industrial Teacher Education
131321	Computer Teacher Education
131322	Biology Teacher Education
131323	Chemistry Teacher Education
131324	Drama and Dance Teacher Education
131325	French Language Teacher Education
131326	German Language Teacher Education
131327	Health Occupations Teacher Education
131328	History Teacher Education
131329	Physics Teacher Education
131330	Spanish Language Teacher Education
131331	Speech Teacher Education
131332	Geography Teacher Education
131333	Latin Teacher Education
131334	School Librarian/School Library Media Specialist
131335	Psychology Teacher Education
131337	Earth Science Teacher Education
131338	Environmental Education
131399	Teacher Education and Professional Development, Specific Subject Areas, Other
131401	Teaching English as a Second or Foreign Language/ESL Language Instructor
131402	Teaching French as a Second or Foreign Language
131499	Teaching English or French as a Second or Foreign Language, Other
131501	Teacher Assistant/Aide
131502	Adult Literacy Tutor/Instructor
131599	Teaching Assistants/Aides, Other

Acknowledgments

This research was funded by the Overdeck Family Foundation. We are grateful to them and to all our funders, who make it possible for Urban to advance its mission.

The views expressed are those of the authors and should not be attributed to the Urban Institute, its trustees, or its funders. Funders do not determine research findings or the insights and recommendations of Urban experts. Further information on the Urban Institute’s funding principles is available at urban.org/fundingprinciples.

For more information on this project, see <https://www.urban.org/features/which-colleges-are-helping-create-diverse-teacher-workforce>.



2100 M Street NW
Washington, DC 20037

www.urban.org

ABOUT THE URBAN INSTITUTE

The nonprofit Urban Institute is a leading research organization dedicated to developing evidence-based insights that improve people’s lives and strengthen communities. For 50 years, Urban has been the trusted source for rigorous analysis of complex social and economic issues; strategic advice to policymakers, philanthropists, and practitioners; and new, promising ideas that expand opportunities for all. Our work inspires effective decisions that advance fairness and enhance the well-being of people and places.

Copyright © July 2018. Urban Institute. Permission is granted for reproduction of this file, with attribution to the Urban Institute.