

Schools and Staffing Survey Reports

Client: U.S. Department of Education, National Center for Education Statistics

Project Overview

Under this contract with the National Center for Education Statistics (NCES), Insight provides statistical support for the analysis, writing, production, and release of reports on the latest administration of data from the Schools and Staffing Survey (SASS). Statistical support includes data mining, statistical coding and analysis, and recommendations on key analytical decisions related to report content. Additionally, Insight adjusts analyses for complex survey design and ensures report compliance with NCES statistical standards and reporting requirements.

For this project, Insight will complete two Statistical Analysis Reports that incorporate data from the 2011–12 SASS, a sample survey of elementary and secondary schools in the United States on key topics of interest in educational policy. To complete the reports, Insight will utilize restricted-use data to identify key issues, develop report table content, and contribute recent data to educational policy research. A brief description of each report is provided below.



- The first Statistical Analysis Report examined the postsecondary majors and teaching certifications of public middle grades teachers in a selection of subject areas. For the first dedicated NCES middle grades report in several years, Insight provided NCES with recommendations for a standardized definition of middle grades teachers, students, and classrooms based on literature review and data assessment. The final report documented key findings across departmentalized and nondepartmentalized middle grades teachers at the teacher, classroom, and student levels.
- This second Statistical Analysis Report will examine the trends and predictions of supply and demand for teachers in the Nation’s schools. This study will examine several key areas of information—including demographic characteristics, experience and income, and previous occupation—for each of the 4 supply sources of newly hired teachers, with results presented separately for teachers in public and private schools. This report will incorporate data from 7 administrations of the SASS survey to illustrate trends over time in the major supply sources for newly hired teachers between 1987 and 2012. Analyses adjust for complex survey design through use of replicate weights and use time series regression analyses to indicate broad trends.

Core Activities

Literature Reviews and Environmental Scans; Quantitative Analysis; Statistical Standards; Complex Survey Estimation; Report Development and Presentation

Products

- A report entitled “Education and Certification Qualifications of Public Middle Grades Teachers of Selected Subjects: Evidence from the 2011–12 Schools and Staffing Survey”
- A report entitled “Teacher Supply in the United States: Sources of Newly Hired Teachers in Public and Private Schools, 1987–88 to 2011–12”