

## Career/Technical Education Statistics System: Publications, Education Analysis, and Reporting for Sample Surveys, Assessments, and Administrative Data Collections

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

### Overview

Over the last several decades, career and technical education (CTE) has undergone considerable transformation as a result of advances in technology, fundamental changes in the U.S. economy, and reform and innovation among CTE educators. As industry continues to adopt technologies to improve products and create efficiencies, CTE will play a pivotal role in preparing students for entry-level work and providing ongoing training and development. On behalf of the National Center for Education Statistics (NCES) at the U.S. Department of Education, Insight is conducting cross-sectional analysis of data on CTE topics across the United States. NCES collects data on secondary and postsecondary CTE through several nationally representative surveys, which provide unique and important opportunities to learn about the delivery of CTE and its effect on youth and adult learners in the United States.

Insight is producing a series of reports that examine patterns and trends in CTE course-taking, nondegree education and training among adults who are not enrolled in high school, and literacy and numeracy proficiency among adults in the United States and other member countries of the Organisation for Economic Co-operation and Development. These reports include four Statistics in Brief (SIB) reports, four Data Point reports, and a series of five Web Tables on CTE at the secondary and postsecondary levels. Data used in the reports come from the High School Longitudinal Study of 2009 (HSLs:09), the National Education Longitudinal Study of 1988



(NELS:88), the Education Longitudinal Study of 2002 (ELS:2002), the Adult Training and Education Survey (ATES), and the Program for the International Assessment of Adult Competencies (PIAAC). All reports using these NCES data are publicly facing and contribute to the national understanding of CTE.

Insight—

- Analyzes HSLs:09, NELS:88, ELS:2002, ATES, and PIAAC data using statistical analysis software
- Creates tables and figures in accordance with NCES guidelines
- Summarizes and frames key findings in SIB, Web Table, and Data Point reports

### Products

Five sets of Web Tables, four SIB Reports, four Data Point Reports