

## Additional Resources

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The National Center for Science and Engineering Statistics (NCSES) within the National Science Foundation has a wealth of information on the U.S. science and engineering (S&E) enterprise, including additional data and analysis on degree recipients and degree-granting institutions. The latest information from NCSES is available at <https://nces.nsf.gov/>.

### Data tools

NCSES data tools at [ncesdata.nsf.gov](https://ncesdata.nsf.gov) provide additional ways to interact with data from the Survey of Earned Doctorates (SED).

- The **NCSES interactive data tool** enables the creation of visualizations and custom tables from the SED and other NCSES surveys. To build a custom table using SED data, visit [ncesdata.nsf.gov/builder/sed](https://ncesdata.nsf.gov/builder/sed).
- The SED Restricted Data Analysis System (RDAS) ([ncesdata.nsf.gov/rdas/](https://ncesdata.nsf.gov/rdas/)) expands public access to SED data through a secure platform to analyze a more comprehensive set of SED data items starting with the 2017 survey. The SED RDAS uses statistical procedures to produce estimates that reflect the entire population of doctorate recipients while protecting confidentiality of individuals' data.

### Publications

#### Survey of Earned Doctorates

The SED questionnaire, all editions of *Doctorate Recipients from U.S. Universities*, InfoBriefs, and other data products related to the SED are available at <https://nsf.gov/statistics/srvydoctorates/>.

#### Science and Engineering Indicators

*Science and Engineering Indicators* is a biennial report that offers a comprehensive look at the U.S. S&E enterprise, including education, demographics, employment, research and development expenditures, science and technology capabilities, and public attitudes and understanding about science. SED data are included in the *Science and Engineering Indicators* report *Higher Education in Science and Engineering* available at <https://nces.nsf.gov/indicators>.

#### Women, Minorities, and Persons with Disabilities in Science and Engineering

The biennial report *Women, Minorities, and Persons with Disabilities in Science and Engineering* looks at the participation of these three groups in S&E education and employment. Topics in the report include enrollment; field of degree; employment status; and occupation, including academic careers. SED data are included in the report, which is available at <https://nces.nsf.gov/wmpd>.

### Related survey

#### Survey of Doctorate Recipients

The SED serves as a sampling frame for the Survey of Doctorate Recipients (SDR). The SDR provides demographic, education, and career history information from individuals with a U.S. research doctoral degree in a science, engineering, or health field. The SDR is a unique source of information about the educational and occupational achievements and career movement of U.S.-trained doctoral scientists and engineers in the United States and abroad. The survey description, questionnaires, data tables, and latest SDR publications are available at <https://www.nsf.gov/statistics/srvydoctoratework/>.