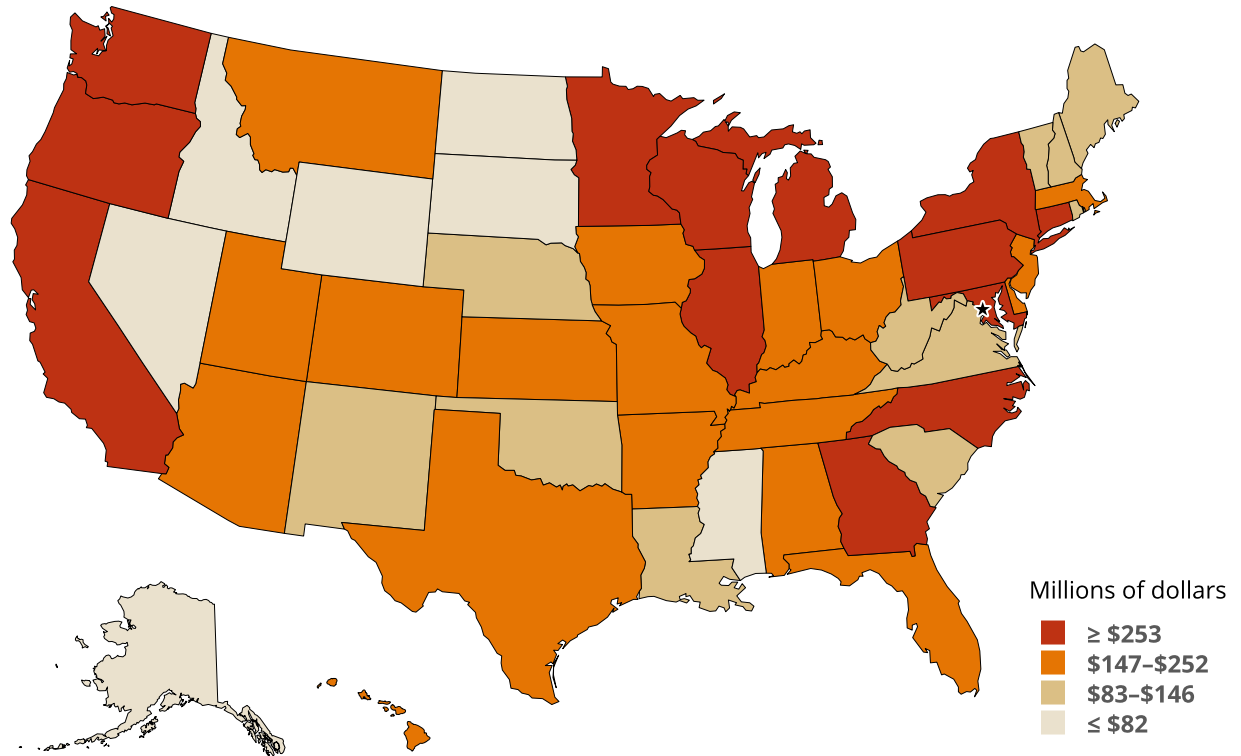


Figure 3. Federal R&D obligations to R-1 higher education institutions, per R-1 institution, by state: FY 2023



R&D = research and development. R-1 = very high spending and doctorate production institutions.

Note(s):

Detail may not add to total because of rounding. The Carnegie Commission on Higher Education has a long-established methodology for classifying research activities at higher education institutions. The most recent classification was updated in April 2025 and continues to group research institutions into three categories: Research 1 (R-1): very high spending and doctoral production. R-1 institutions, on average in a single year, spend at least \$50 million on R&D and award at least 70 research doctorates.

Source(s):

National Center for Science and Engineering Statistics, Federal Science and Engineering Support FY 2023 module of the FYs 2023–24 Survey of Federal Funds for Research and Development. Carnegie Classification of Institutions of Higher Education, 2025.