

Research Statistics: Fiscal Year 2017

University of Minnesota faculty and staff competed successfully for **\$745 million** in externally sponsored research awards in FY2017, **down 5.5% from FY2016**. This \$43 million decrease follows a sustained pattern of growth since FY2012.

Figures 1 and 2 display more detail about the \$745 million awarded by external sponsors, aggregating these data by funding source and by college or system-wide campus. The University was awarded \$438.9 million from federal agencies, down \$27.0 million (5.8%) from the previous year, but continuing as the largest share of external research awards (59.0%); private funding totaled \$229.3 million was down \$1.6 million (0.7%) compared to last year; and funding from State & Local sponsors totaled \$76.4 million, down \$14.5 million (16.0%). Funding from all nonfederal sources, totaling \$306.1 million, declined \$16.1 million (5.0%) from the previous year. **In summary, the total amounts awarded by federal and non-federal sources declined though some individual categories such as business and industry increased slightly.**

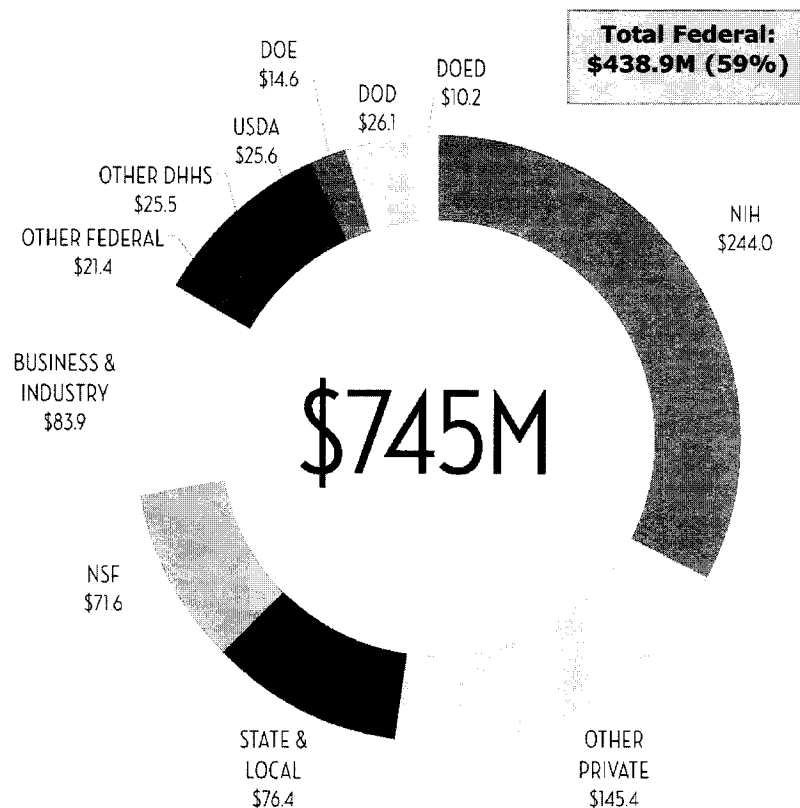
Awards from the National Institutes of Health (NIH), the largest single federal funding source within the University's portfolio, fell by \$13.1 million (5.1%). In recent years, the timing of major NIH awards has affected the University's totals and shifted overall award totals as much as \$30 million in one year. In contrast to award amounts, the number of NIH grants grew by 58 to 669 in FY2017.

For the National Science Foundation (NSF), the second largest federal sponsor of University research, funding was down \$12.6 million (15.0%), and the number of awards dropped by 32 to 270 in FY2017. The remaining other federal funding agencies also had an overall decrease in funding, down \$1.3 million (1.1%) to \$123.3 million.

State of Minnesota funding decreased this year by \$13.8 million (16.4%), with a decline in large awards compared to a relative high water mark in FY2016, but similar to FY 2015. The awards received this year were distributed across broad areas of research, including biotechnology and medical genomics, regenerative medicine, and nutrition. The state's other large research investment, MnDRIVE, is accounted for separately from these totals and discussed later in this report.

Business & Industry (B&I) funding was up \$3.1 million (3.8%) in FY2017. **B&I funding continued its growth pattern and now accounts for more than 11% of all externally funded research.** The funding levels grew this past year from \$80.8 million to \$83.9 million. The growth in the number of B&I awards was even more impressive—1,578 this year compared with 1,361 in FY2016, or an increase of 15.9%. The increase in the number of awards was largely attributable to increases in the number of awards to the Clinical and Translational Science Institute (CTSI) Clinical Trials Hub (143 awards) and the Medical School (93 awards). About one quarter of the increase in awards (54 out of the 217 additional awards) is for Phase I, II, or III clinical trials. **Growing clinical trials research has been a major senior leadership priority in the Academic Health Center over the past three years.**

Figure 1: Awards by Source (FY2017)



Dollar amounts in millions

Office of the Vice President for Research Data Services

Abbreviations for federal departments: DHHS for US Department of Health and Human Services; USDA for US Department of Agriculture; DOE for US Department of Energy; DOD for US Department of Defense; and DOED for US Department of Education.

Figure 2 illustrates how the \$745 million of externally sponsored research funding is distributed within the University by college and campus. Those colleges with the largest annual percentage increases include the School of Dentistry, up \$3.2 million (69.6%) and the Hubert H. Humphrey School of Public Affairs (which is part of the “other” category), up \$5.9 million (118.2%). **The Medical School after several years of a downward trend was up \$29.5 million (16.2%).** Those with the largest decreases included the College of Liberal Arts, down \$10.1 million (43.0%), and the College of Pharmacy, down \$9.0 million (39.9%). The School of Public Health was down \$25.7 million (24.5%) primarily due to the reasons stated earlier about NIH funding.