

Table 17.23-- RESEARCH AND DEVELOPMENT EXPENDITURES AT HIGHER EDUCATION INSTITUTIONS: 1995 TO 2018

[In thousands of dollars. For fiscal year ending June 30]

| Year | Total | Federally financed | State and local government financed | Business 1/ | Nonprofit | Institutionally financed | All other sources |
|---------|---------|--------------------|-------------------------------------|-------------|-----------|--------------------------|-------------------|
| 1995 2/ | 78,429 | 44,238 | 26,789 | 299 | (NA) | 3,738 | 3,365 |
| 1996 2/ | 111,202 | 66,902 | 31,826 | 8,088 | (NA) | 4,386 | - |
| 1997 2/ | 120,107 | 72,421 | 28,440 | 5,944 | (NA) | 13,297 | 5 |
| 1998 3/ | 148,007 | 86,886 | 37,002 | 10,949 | (NA) | 13,170 | - |
| 1999 3/ | 156,810 | 93,418 | 35,111 | 13,021 | (NA) | 15,260 | - |
| 2000 3/ | 161,300 | 95,419 | 35,474 | 11,158 | (NA) | 19,249 | - |
| 2001 3/ | 156,976 | 97,716 | 33,125 | 7,232 | (NA) | 18,903 | - |
| 2002 3/ | 172,664 | 119,381 | 31,062 | 9,971 | (NA) | 12,232 | 18 |
| 2003 3/ | 184,602 | 148,662 | 11,822 | 6,931 | (NA) | 17,171 | 16 |
| 2004 4/ | 241,346 | 191,252 | 8,815 | 21,234 | (NA) | 19,892 | 153 |
| 2005 4/ | 240,247 | 199,135 | 7,077 | 12,155 | (NA) | 21,282 | 598 |
| 2006 4/ | 257,478 | 210,097 | 8,933 | 12,551 | (NA) | 25,888 | 9 |
| 2007 4/ | 274,373 | 215,806 | 15,534 | 22,080 | (NA) | 16,352 | 4,601 |
| 2008 4/ | 278,751 | 200,385 | 18,192 | 26,928 | (NA) | 28,132 | 5,114 |
| 2009 4/ | 300,302 | 211,256 | 17,479 | 30,357 | (NA) | 32,198 | 9,012 |
| 2010 5/ | 317,942 | 208,540 | 23,669 | 24,315 | 7,989 | 45,016 | 8,413 |
| 2011 5/ | 363,887 | 241,686 | 22,399 | 23,362 | 11,019 | 57,502 | 7,919 |
| 2012 5/ | 335,704 | 215,593 | 16,406 | 21,389 | 6,642 | 67,934 | 7,740 |
| 2013 5/ | 343,802 | 241,600 | 11,812 | 73,645 | 3,863 | 6,270 | 6,612 |
| 2014 5/ | 330,897 | 212,525 | 8,115 | 3,436 | 6,759 | 89,409 | 10,653 |
| 2015 5/ | 332,233 | 213,763 | 14,140 | 6,702 | 9,748 | 85,793 | 2,087 |
| 2016 5/ | 318,134 | 201,809 | 15,402 | 5,834 | 12,110 | 80,463 | 2,516 |
| 2017 5/ | 301,204 | 189,719 | 14,660 | 2,084 | 13,013 | 77,502 | 4,226 |
| 2018 5/ | 297,975 | 186,527 | 20,096 | 950 | 14,579 | 73,459 | 2,364 |

NA Not available.

1/ Category called 'industry financed' before 2010.

2/ Survey includes a sample of institutions with doctoral programs in S&E, are HBCUs with R&D expenditures in S&E, and/or are other institutions that expend at least \$50,000 in separately budgeted R&D in S&E.

3/ Survey includes institutions with doctoral programs in S&E, are HBCUs with R&D expenditures in S&E, or are master's or bachelor's degree-granting institutions that expend at least \$150,000 in separate R&D in S&E.

4/ Survey includes S&E bachelor's and higher degree-granting institutions that reported at least \$150,000 in separately budgeted R&D expenditures in S&E.

5/ Survey includes institutions which grant a bachelor's degree or higher, expend at least \$150,000 in separately budgeted R&D, and were geographically separate campuses headed by a president, chancellor, or equivalent.

Source: National Science Foundation, Division of Science Resources Statistics, *Academic Research and Development Expenditures: Fiscal Year* (annual) <<https://ncesdata.nsf.gov/herd/2018/>> accessed April 7, 2020 and *Higher Education Research and Development Survey: Fiscal Year* (annual) <<https://www.nsf.gov/statistics/srvyherd/#sd>> accessed April 7, 2020.