



TABLE 5-10

New construction of S&E research space in academic institutions, by field and time of construction: FYs 2006–17

(Millions of net assignable square feet and percent share of total new construction)

| Field | Started in FY 2006 or FY 2007 | Started in FY 2008 or FY 2009 | Started in FY 2010 or FY 2011 | Started in FY 2012 or FY 2013 | Started in FY 2014 or FY 2015 | Planned to start in FY 2016 or FY 2017 |
|-------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------------------------------------------|
| Net assignable square feet (millions) | | | | | | |
| All fields | 8.8 | 9.9 | 8.1 | 6.6 | 5.2 | 9.6 |
| Agricultural sciences | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 |
| Biological and biomedical sciences | 2.9 | 3.5 | 2.0 | 2.0 | 1.5 | 2.3 |
| Computer and information sciences | 0.6 | 0.3 | 0.1 | 0.2 | 0.1 | 0.2 |
| Engineering | 1.3 | 2.1 | 1.3 | 1.4 | 1.0 | 1.5 |
| Geosciences, atmospheric sciences, and ocean sciences | 0.3 | 0.1 | 0.3 | 0.2 | 0.2 | 0.4 |
| Health sciences | 1.7 | 1.9 | 2.8 | 1.6 | 1.0 | 2.6 |
| Mathematics and statistics | * | * | * | * | * | * |
| Natural resources and conservation | na | na | na | na | * | * |
| Physical sciences | 0.7 | 0.9 | 0.6 | 0.6 | 0.7 | 1.0 |
| Psychology | 0.1 | 0.3 | 0.1 | * | 0.1 | 0.1 |
| Social sciences | 0.1 | 0.2 | 0.1 | 0.1 | * | 0.3 |
| Other | 0.7 | 0.3 | 0.3 | 0.1 | 0.2 | 0.7 |
| Research animal space ^a | 1.0 | 0.8 | 0.6 | 0.7 | 0.5 | na |
| Share of total new construction square feet (%) | | | | | | |
| All fields | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Agricultural sciences | 5.7 | 4.0 | 4.9 | 6.1 | 7.7 | 5.2 |



| Field | Started in FY 2006 or FY 2007 | Started in FY 2008 or FY 2009 | Started in FY 2010 or FY 2011 | Started in FY 2012 or FY 2013 | Started in FY 2014 or FY 2015 | Planned to start in FY 2016 or FY 2017 |
|-------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------------------------------------------|
| Biological and biomedical sciences | 33.0 | 35.4 | 24.7 | 30.3 | 28.8 | 24.0 |
| Computer and information sciences | 6.8 | 3.0 | 1.2 | 3.0 | 1.9 | 2.1 |
| Engineering | 14.8 | 21.2 | 16.0 | 21.2 | 19.2 | 15.6 |
| Geosciences, atmospheric sciences, and ocean sciences | 3.4 | 1.0 | 3.7 | 3.0 | 3.8 | 4.2 |
| Health sciences | 19.3 | 19.2 | 34.6 | 24.2 | 19.2 | 27.1 |
| Mathematics and statistics | * | * | * | * | * | * |
| Natural resources and conservation | na | na | na | na | * | * |
| Physical sciences | 8.0 | 9.1 | 7.4 | 9.1 | 13.5 | 10.4 |
| Psychology | 1.1 | 3.0 | 1.2 | * | 1.9 | 1.0 |
| Social sciences | 1.1 | 2.0 | 1.2 | 1.5 | * | 3.1 |
| Other sciences | 8.0 | 3.0 | 3.7 | 1.5 | 3.8 | 7.3 |
| Research animal space ^a | 11.4 | 8.1 | 7.4 | 10.6 | 9.6 | na |

* = > 0 but < 50,000 net assignable square feet. na = not applicable; see notes.

^a Research animal space is listed separately and is included in individual field totals.

Note(s)

S&E fields and their disciplines were revised in FY 2015. Specifically, "Agricultural sciences and natural resources sciences" has been split into "Agricultural sciences" and "Natural resources and conservation." "Physical sciences" and its subfields "Earth, atmospheric, and ocean sciences" and "Astronomy, chemistry, and physics" are now reported under "Geosciences, atmospheric sciences, and ocean sciences" and "Physical sciences," respectively. Data were not collected separately for "Natural resources and conservation" before the FY 2015 survey and are included in the "Agricultural sciences" field for earlier cycles. Data are not collected on planned new construction of research animal space. Detail may not add to total because of rounding. Research animal space is listed separately and is included in individual field totals.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, Survey of Science and Engineering Research Facilities.



Science and Engineering Indicators 2018