

TABLE 18

**Costs for repair and renovation of science and engineering research space in academic institutions, by field, research animal space, and time of repair and renovation: FYs 2006–21**

(Costs in millions of dollars)

Field and research animal space	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	Started in FY 2016 or FY 2017	Started in FY 2018 or FY 2019	Planned to start in FY 2020 or FY 2021	Deferred projects	
									Included in institutional plan	Not included in institutional plan
All research space	3,361.6	3,015.8	3,508.9	3,745.9	4,133.4	5,079.5	5,483.4	5,307.2	5,981.9	4,394.7
Agricultural sciences	107.1	144.8	87.8	147.4	55.0	135.5	196.1	128.8	504.4	211.9
Biological and biomedical sciences	867.6	1,061.1	1,317.0	1,089.2	1,005.2	1,301.4	1,745.2	1,826.8	1,645.2	934.8
Computer and information sciences	59.2	34.2	48.3	60.2	42.5	149.3	110.6	74.9	151.2	55.3
Engineering	235.9	438.8	434.3	592.4	707.3	1,002.3	757.7	897.1	1,019.1	786.2
Geosciences, atmospheric sciences, and ocean sciences	88.0	78.3	146.5	109.8	150.4	210.8	237.4	175.1	247.0	240.8
Health sciences	1,408.5	702.4	774.8	983.5	1,023.9	1,250.0	1,376.7	876.7	690.6	548.2
Mathematics and statistics	13.3	10.7	39.6	54.1	52.5	28.4	14.7	94.3	166.1	75.5
Natural resources and conservation	na	na	na	na	43.0	31.7	73.0	66.2	108.4	99.6
Physical sciences	410.2	408.7	361.1	531.6	786.2	739.7	526.1	883.8	870.5	749.3
Psychology	77.8	47.5	100.6	65.6	113.1	67.6	139.1	160.8	321.4	270.1
Social sciences	42.3	45.0	95.7	89.1	134.8	60.7	199.5	96.7	187.0	271.3
Other	51.6	44.3	103.2	22.8	19.4	102.2	107.5	26.0	70.9	151.8
Research animal space <sup>a</sup>	178.6	285.1	na	na	na	na	na	na	na	na

na = not applicable; see notes below.

<sup>a</sup> Research animal space is listed separately and is also included in individual field totals.**Note(s):**

Fields of science and engineering and their disciplines were revised in FY 2015. Specifically, "Agricultural sciences and natural resources sciences" was split into "Agricultural sciences" and "Natural resources and conservation." Prior to FY 2015, data for "Natural resources and conservation" are included in "Agricultural sciences." Details may not add to totals due to rounding.

**Source(s):**

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