

TABLE 73

Federal obligations for basic research performed at universities and colleges in physical sciences, by selected agency and detailed field: FY 2020

(Dollars in thousands)

Agency	Total	Astronomy	Chemistry	Physics	Other physical sciences
All agencies surveyed	2,266,145.9	174,279.3	483,985.0	754,148.0	853,733.6
Departments					
Department of Agriculture	10,940.4	0.0	10,752.5	187.9	0.0
Agricultural Research Service	5,026.7	0.0	4,838.8	187.9	0.0
Forest Service	50.0	0.0	50.0	0.0	0.0
National Institute of Food and Agriculture	5,863.8	0.0	5,863.8	0.0	0.0
Department of Defense	146,199.6	3,735.9	34,686.7	90,222.8	17,554.2
Defense Advanced Research Projects Agency	26,003.4	0.0	550.0	25,453.4	0.0
Department of the Air Force	63,248.0	3,735.9	12,967.5	36,597.9	9,946.8
Department of the Army	14,719.8	0.0	5,561.7	5,478.2	3,679.9
Department of the Navy	10,067.8	0.0	1,715.8	4,424.5	3,927.5
Other defense agencies	32,160.6	0.0	13,891.6	18,268.9	0.0
Department of Energy	671,263.4	0.0	156,506.5	381,978.4	132,778.5
Fossil Energy	33,967.0	0.0	33,967.0	0.0	0.0
National Nuclear Security Administration	13,750.0	0.0	0.0	0.0	13,750.0
Office of Defense Nuclear Nonproliferation	13,750.0	0.0	0.0	0.0	13,750.0
Office of Science	623,546.4	0.0	122,539.5	381,978.4	119,028.5
Department of Health and Human Services	30,236.8	0.0	30,051.0	185.8	0.0
National Institutes of Health	30,236.8	0.0	30,051.0	185.8	0.0
Department of Homeland Security	2,863.1	0.0	0.0	2,863.1	0.0
Countering Weapons of Mass Destruction Office	2,863.1	0.0	0.0	2,863.1	0.0
Other agencies					
National Aeronautics and Space Administration	589,737.4	98,393.5	0.0	0.0	491,343.9
National Science Foundation	814,905.2	72,149.9	251,988.3	278,710.0	212,057.0

Note(s):

Because of rounding, detail may not add to total. Seven agencies are required to report data for this section of the survey: the Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; the National Aeronautics and Space Administration; and the National Science Foundation. Basic research obligations of these seven agencies represented more than 99% of total federal basic research obligations to universities and colleges in FY 2020. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. See technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2020–21.