

TABLE 89. Preliminary federal obligations for applied research performed at universities and colleges, by selected agency and field of science and engineering: FY 2012

(Dollars in thousands)

Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
All agencies surveyed	9,943,854.7	210,721.9	858,501.0	156,838.9	7,475,127.4	205,155.4	529,064.3	145,048.8	363,396.9
Departments									
Department of Agriculture	507,859.4	952.1	19,991.4	18,031.4	408,363.8	14,352.4	0.0	46,168.4	0.0
Agricultural Research Service	24,119.9	31.4	217.1	106.1	22,159.0	1,606.4	0.0	0.0	0.0
Economic Research Service	3,179.0	0.0	0.0	0.0	0.0	0.0	0.0	3,179.0	0.0
Foreign Agricultural Service	232.3	0.0	0.0	0.0	232.3	0.0	0.0	0.0	0.0
Forest Service	22,749.2	500.7	2,406.3	3,020.3	12,737.5	0.0	0.0	4,084.4	0.0
National Agricultural Statistics Service	420.0	420.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	457,159.0	0.0	17,368.0	14,905.0	373,235.0	12,746.0	0.0	38,905.0	0.0
Department of Defense	559,936.2	78,522.1	289,784.9	21,597.8	119,497.6	32,824.4	2,799.9	6,980.0	7,929.5
Defense Advanced Research Projects Agency	308,391.7	55,513.6	139,635.0	1,685.8	102,363.2	6,034.5	0.0	0.0	3,159.8
Department of the Air Force	62,629.3	6,369.9	46,419.2	76.3	208.2	9,555.9	0.0	0.0	0.0
Department of the Army	41,334.6	1,986.0	17,558.7	1,677.0	4,729.3	13,907.8	1,475.9	0.0	0.0
Department of the Navy	127,920.4	11,730.4	79,931.4	18,158.8	11,785.4	455.0	0.0	4,340.0	1,519.4
Other defense agencies <sup>a</sup>	19,660.1	2,922.4	6,240.7	0.0	411.6	2,871.2	1,324.0	2,640.0	3,250.3
Department of Energy	141,380.6	0.0	56,108.8	5,106.7	595.5	66,955.6	0.0	0.0	12,614.0
Advanced Research Projects Agency—Energy	9,511.4	0.0	3,452.9	0.0	595.5	0.0	0.0	0.0	5,463.0
Bonneville Power Administration	200.0	0.0	200.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	2,614.6	0.0	2,614.6	0.0	0.0	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	44,640.8	0.0	44,640.8	0.0	0.0	0.0	0.0	0.0	0.0
Fossil Energy	14,557.5	0.0	5,200.5	5,106.7	0.0	4,250.3	0.0	0.0	0.0
National Nuclear Security Administration	62,705.3	0.0	0.0	0.0	0.0	62,705.3	0.0	0.0	0.0
Defense Programs	62,083.0	0.0	0.0	0.0	0.0	62,083.0	0.0	0.0	0.0
Nonproliferation and Verification	622.3	0.0	0.0	0.0	0.0	622.3	0.0	0.0	0.0
Nuclear Energy	7,151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,151.0
Department of Health and Human Services	8,369,977.9	61,307.3	335,989.7	100,405.5	6,940,211.5	77,213.8	525,302.1	76,960.8	252,587.3
Administration for Children and Families	9,163.3	0.0	0.0	0.0	0.0	0.0	0.0	9,163.3	0.0
Agency for Healthcare Research and Quality	109,397.5	3,082.1	364.7	0.0	76,289.5	0.0	99.6	12,369.4	17,192.3
Agency for Toxic Substances and Disease Registry	1,000.0	0.0	0.0	1,000.0	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	71,746.3	0.0	0.0	2,920.7	64,837.2	0.0	0.0	0.0	3,988.4
Ctrs. for Medicare and Medicaid Services	530.0	0.0	0.0	0.0	530.0	0.0	0.0	0.0	0.0
Food and Drug Administration	5,233.2	0.0	0.0	0.0	5,233.2	0.0	0.0	0.0	0.0
Health Resources and Services Administration	14,996.7	0.0	0.0	0.0	10,377.7	0.0	0.0	4,619.0	0.0
National Institutes of Health	8,155,010.8	58,225.2	335,625.0	96,484.8	6,782,943.8	77,213.8	525,202.5	47,909.1	231,406.5
Office of the Secretary	2,900.0	0.0	0.0	0.0	0.0	0.0	0.0	2,900.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	2,900.0	0.0	0.0	0.0	0.0	0.0	0.0	2,900.0	0.0
Department of Homeland Security	5,302.2	0.0	1,122.0	0.0	992.9	1,906.4	145.3	1,135.6	0.0
Science and Technology Directorate	5,302.2	0.0	1,122.0	0.0	992.9	1,906.4	145.3	1,135.6	0.0

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(Dollars in thousands)

Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
Other agencies									
National Aeronautics and Space Administration	58,727.2	1,612.3	37,162.8	9,045.2	4,428.7	5,716.5	389.1	0.0	372.6
National Science Foundation	300,671.2	68,328.1	118,341.4	2,652.4	1,037.6	6,186.4	427.8	13,804.0	89,893.5

nec = not elsewhere classified.

<sup>a</sup> As of the FYs 2011–13 survey, Other defense agencies displays aggregated data of Department of Defense subagencies engaged in classified R&D projects.

NOTES: 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. Applied research obligations of these seven agencies represented over 95% of total federal applied research obligations to universities and colleges in FY 2012. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. See appendix C for additional notes associated with the agencies listed in this table.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2011–13.