

TABLE 12
Preliminary federal obligations for research and experimental development and for R&D plant to federally funded research and development centers, by agency: FY 2020

(Dollars in thousands)

Agency	R&D				R&D plant			
	Total	Industry-administered FFRDCs	University-administered FFRDCs	Nonprofit-administered FFRDCs	Total	Industry-administered FFRDCs	University-administered FFRDCs	Nonprofit-administered FFRDCs
All agencies	15,354,113.1	6,483,760.0	5,240,673.0	3,629,680.0	2,225,966.1	350,325.0	799,308.1	1,076,333.0
Departments								
Department of Commerce	25,056.7	293.1	5,189.5	19,574.1	0.0	0.0	0.0	0.0
National Institute of Standards and Technology	19,574.1	0.0	0.0	19,574.1	0.0	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	5,482.6	293.1	5,189.5	0.0	0.0	0.0	0.0	0.0
Department of Defense	1,538,344.7	404,276.2	445,800.9	688,267.6	4,808.0	3,833.0	775.0	200.0
Defense Advanced Research Projects Agency	136,001.7	42,711.6	62,327.5	30,962.6	0.0	0.0	0.0	0.0
Department of the Air Force	413,603.2	125,038.0	50,621.8	237,943.5	0.0	0.0	0.0	0.0
Department of the Army	104,497.1	9,800.3	27,521.7	67,175.0	0.0	0.0	0.0	0.0
Department of the Navy	219,765.7	89,942.3	45,107.3	84,716.1	4,808.0	3,833.0	775.0	200.0
Other defense agencies	664,477.0	136,784.0	260,222.6	267,470.3	0.0	0.0	0.0	0.0
Department of Education	500.0	0.0	0.0	500.0	0.0	0.0	0.0	0.0
Department of Energy	10,511,648.2	5,528,767.1	2,414,042.6	2,568,838.4	2,219,597.0	346,492.0	796,972.0	1,076,133.0
Advanced Research Projects Agency—Energy	59,463.8	22,213.3	11,280.9	25,969.6	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	110,732.1	35,879.9	15,411.5	59,440.7	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	1,324,794.8	193,107.1	272,024.0	859,663.7	418,575.0	0.0	0.0	418,575.0
Environmental Management	3,574.9	2,449.9	600.0	525.0	0.0	0.0	0.0	0.0
Fossil Energy	41,000.0	13,000.0	9,000.0	19,000.0	0.0	0.0	0.0	0.0
National Nuclear Security Administration	4,949,466.6	4,860,801.8	14,032.0	74,632.8	281,492.0	281,492.0	0.0	0.0
Defense Programs	3,044,808.8	3,039,500.0	390.0	4,918.8	281,492.0	281,492.0	0.0	0.0
Naval Nuclear Propulsion Program	1,648,396.0	1,648,396.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	256,261.9	172,905.8	13,642.0	69,714.0	0.0	0.0	0.0	0.0
Nuclear Energy	287,758.0	195,941.0	32,368.0	59,449.0	65,000.0	65,000.0	0.0	0.0
Office of Cybersecurity, Energy Security, and Emergency Response	11,000.0	6,000.0	5,000.0	0.0	0.0	0.0	0.0	0.0

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Office of Science	3,723,858.0	199,374.1	2,054,326.2	1,470,157.7	1,454,530.0	0.0	796,972.0	657,558.0
Department of Health and Human Services	584,632.9	527,855.8	22,812.3	33,964.8	0.0	0.0	0.0	0.0
Centers for Disease Control and Prevention	928.6	0.0	928.6	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	583,704.3	527,855.8	21,883.7	33,964.8	0.0	0.0	0.0	0.0
Department of Homeland Security	43,139.4	8,248.8	7,072.9	27,817.7	0.0	0.0	0.0	0.0
Countering Weapons of Mass Destruction Office	13,441.4	6,954.4	4,822.9	1,664.1	0.0	0.0	0.0	0.0
Cybersecurity and Infrastructure Security Agency	6,448.0	1,294.4	0.0	5,153.6	0.0	0.0	0.0	0.0
Science and Technology Directorate	23,000.0	0.0	2,000.0	21,000.0	0.0	0.0	0.0	0.0
U.S. Secret Service	250.0	0.0	250.0	0.0	0.0	0.0	0.0	0.0
Department of the Interior	600.0	0.0	300.0	300.0	0.0	0.0	0.0	0.0
Bureau of Reclamation	600.0	0.0	300.0	300.0	0.0	0.0	0.0	0.0
Department of Transportation	147,605.7	0.0	1,540.3	146,065.4	0.0	0.0	0.0	0.0
Federal Aviation Administration	144,303.2	0.0	0.0	144,303.2	0.0	0.0	0.0	0.0
Federal Highway Administration	1,275.3	0.0	1,275.3	0.0	0.0	0.0	0.0	0.0
National Highway Traffic Safety Administration	1,314.2	0.0	265.0	1,049.2	0.0	0.0	0.0	0.0
Pipeline and Hazardous Materials Safety Administration	713.0	0.0	0.0	713.0	0.0	0.0	0.0	0.0
Department of the Treasury	7,916.0	0.0	0.0	7,916.0	0.0	0.0	0.0	0.0
Bureau of Engraving and Printing	7,916.0	0.0	0.0	7,916.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	75,101.1	0.0	0.0	75,101.1	0.0	0.0	0.0	0.0
Other agencies								
Administrative Office of the U.S. Courts	7,671.6	0.0	0.0	7,671.6	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	2,070,828.5	4,086.1	2,030,723.4	36,019.0	1,561.1	0.0	1,561.1	0.0
National Science Foundation	316,616.6	0.0	310,768.3	5,848.4	0.0	0.0	0.0	0.0

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Nuclear Regulatory Commission	24,451.7	10,233.0	2,422.8	11,796.0	0.0	0.0	0.0	0.0

FFRDC = federally funded research and development center.

Note(s):

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FY 2020 preliminary data do not include obligations from supplemental COVID-19 related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). 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 2019–20.