

TABLE 95

Federal obligations for research and experimental development to intramural performers for personnel costs, by agency: FYs 2019–20

(Dollars in thousands)

Agency	Total intramural R&D (2019)	Personnel costs (2019)		Total intramural R&D (2020)	Personnel costs (2020)	
		Amount	% of total		Amount	% of total
All agencies	39,312,750.4	13,227,485.2	33.6	42,404,871.1	13,448,772.7	31.7
Departments						
Department of Agriculture	1,643,887.9	934,859.6	56.9	1,792,910.1	983,643.0	54.9
Agricultural Marketing Service	7,710.5	5,782.9	75.0	6,952.5	5,214.4	75.0
Agricultural Research Service	1,147,417.9	640,284.0	55.8	1,305,282.8	686,757.0	52.6
Animal and Plant Health Inspection Service	28,587.9	13,722.2	48.0	28,643.0	13,748.6	48.0
Economic Research Service	73,922.6	45,678.0	61.8	73,633.0	31,712.0	43.1
Forest Service	300,000.0	188,000.0	62.7	277,825.6	193,000.0	69.5
National Agricultural Statistics Service	8,656.9	6,907.2	79.8	7,965.8	6,907.2	86.7
National Institute of Food and Agriculture	77,592.1	34,485.4	44.4	92,607.5	46,303.7	50.0
Department of Commerce	1,102,118.7	615,497.0	55.8	1,155,298.4	666,465.5	57.7
National Institute of Standards and Technology	602,288.8	383,983.0	63.8	624,740.3	405,849.9	65.0
National Oceanic and Atmospheric Administration	396,327.4	188,349.7	47.5	402,540.0	203,224.1	50.5
National Telecommunications and Information Administration	7,900.0	5,260.0	66.6	8,180.0	5,400.0	66.0
U.S. Census Bureau	95,602.6	37,904.3	39.6	119,838.1	51,991.5	43.4
Department of Defense	20,314,486.6	3,961,642.7	19.5	21,826,438.4	4,348,952.5	19.9
Defense Advanced Research Projects Agency	344,034.1	253,191.8	73.6	395,482.2	277,255.9	70.1
Department of the Air Force	4,321,737.3	1,813,570.9	42.0	4,590,375.9	1,871,833.4	40.8
Department of the Army	3,834,386.6	573,025.0	14.9	4,060,754.1	597,727.3	14.7
Department of the Navy	6,066,597.9	135,731.2	2.2	6,713,193.9	240,667.1	3.6
Other defense agencies	5,747,730.7	1,186,123.8	20.6	6,066,632.3	1,361,468.8	22.4
Department of Education	10,400.3	7,446.6	71.6	10,392.1	7,449.5	71.7
Department of Energy	1,052,331.6	216,199.8	20.5	1,357,953.7	219,304.2	16.1
Electricity Delivery and Energy Reliability	3,148.9	2,361.7	75.0	3,517.5	2,638.2	75.0
Fossil Energy	601,000.0	80,000.0	13.3	605,000.0	80,000.0	13.2
National Nuclear Security Administration	173,017.9	*	**	243,253.1	50.0	**
Defense Programs	173,017.9	*	**	233,253.1	*	**
Office of Defense Nuclear Nonproliferation	0.0	0.0	-	10,000.0	50.0	0.5
Nuclear Energy	2,623.4	2.0	0.1	1,400.0	2.0	0.1
Office of Cybersecurity, Energy Security, and Emergency Response	29.1	1.2	4.1	30.0	2.0	6.7
Office of Science	272,512.3	133,834.9	49.1	504,753.0	136,612.0	27.1
Department of Health and Human Services	7,753,166.1	2,482,404.2	32.0	8,182,730.7	2,637,301.9	32.2
Administration for Children and Families	205.0	3.1	1.5	575.0	3.1	0.5
Agency for Healthcare Research and Quality	76,783.1	40,440.9	52.7	48,270.0	100.0	0.2

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Centers for Disease Control and Prevention	140,325.8	85,871.1	61.2	132,454.2	72,778.6	54.9
Food and Drug Administration	360,481.0	1,100.0	0.3	361,904.8	2,000.0	0.6
Health Resources and Services Administration	4,224.1	3,977.1	94.2	3,655.1	3,408.1	93.2
National Institutes of Health	7,168,394.8	2,351,000.0	32.8	7,633,119.4	2,559,000.0	33.5
Office of the Secretary of Health and Human Services	2,752.2	12.0	0.4	2,752.2	12.0	0.4
Office of the Assistant Secretary for Planning and Evaluation	2,752.2	12.0	0.4	2,752.2	12.0	0.4
Department of Homeland Security	179,906.5	47,443.1	26.4	143,935.3	33,864.9	23.5
Countering Weapons of Mass Destruction Office	3,256.1	1,200.0	36.9	3,989.8	2,954.0	74.0
Cybersecurity and Infrastructure Security Agency	1,683.6	1,683.6	100.0	4,510.9	4,510.9	100.0
Science and Technology Directorate	162,373.3	32,474.7	20.0	132,000.0	26,400.0	20.0
U.S. Coast Guard	12,593.5	12,084.8	96.0	3,434.6	*	**
Department of Housing and Urban Development	42,893.8	20,800.0	48.5	40,836.9	21,900.0	53.6
Department of the Interior	695,026.1	462,604.2	66.6	750,872.9	483,993.7	64.5
Bureau of Ocean Energy Management	62,503.7	33,360.8	53.4	78,818.9	35,077.0	44.5
Bureau of Reclamation	14,884.0	10,250.0	68.9	29,000.0	12,250.0	42.2
Bureau of Safety and Environmental Enforcement	2,716.7	848.8	31.2	4,870.8	2,517.2	51.7
Office of Surface Mining Reclamation and Enforcement	327.5	305.7	93.4	330.0	308.1	93.4
U.S. Fish and Wildlife Service	32,650.0	13,788.1	42.2	32,650.0	13,788.1	42.2
U.S. Geological Survey	581,944.3	404,050.7	69.4	605,203.2	420,053.2	69.4
Department of Justice	6,004.0	2,085.2	34.7	6,196.6	2,244.3	36.2
Bureau of Prisons	2,204.0	2,071.8	94.0	2,248.0	2,158.1	96.0
Office of Justice Programs	3,800.0	13.4	0.4	3,948.6	86.2	2.2
Department of Labor	3,309.5	3,299.5	99.7	3,572.0	3,562.0	99.7
Employee Benefits Security Administration	1,585.5	1,575.5	99.4	1,815.3	1,805.3	99.4
Occupational Safety and Health Administration	1,724.0	1,724.0	100.0	1,756.8	1,756.8	100.0
Department of State	62,200.0	62,200.0	100.0	62,300.0	62,300.0	100.0
Department of Transportation	189,560.6	97,327.7	51.3	259,321.4	123,070.8	47.5
Federal Aviation Administration	88,239.2	51,996.8	58.9	138,581.3	76,758.2	55.4
Federal Highway Administration	57,201.0	21,647.0	37.8	69,530.7	21,515.0	30.9
Federal Motor Carrier Safety Administration	5,600.7	2,141.9	38.2	8,164.1	2,324.1	28.5
Federal Railroad Administration	5,054.8	1,789.3	35.4	8,035.4	2,571.3	32.0
National Highway Traffic Safety Administration	9,258.2	9,258.2	100.0	9,443.4	9,443.4	100.0
Office of the Secretary of Transportation	13,686.0	8,585.5	62.7	21,957.4	8,549.9	38.9
Pipeline and Hazardous Materials Safety Administration	10,520.7	1,909.0	18.1	3,609.0	1,909.0	52.9

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		Amount	% of total		Amount	% of total
Department of the Treasury	177.7	177.7	100.0	2,575.6	1,955.9	75.9
Bureau of Engraving and Printing	0.0	0.0	-	2,400.0	1,900.0	79.2
U.S. Mint	177.7	177.7	100.0	175.6	55.9	31.8
Department of Veterans Affairs	1,436,818.2	668,225.0	46.5	1,527,587.0	702,090.6	46.0
Other agencies						
Agency for International Development	21,014.3	16,371.3	77.9	21,014.3	1,050.7	5.0
Consumer Product Safety Commission	856.3	153.0	17.9	200.0	159.0	79.5
Environmental Protection Agency	249,377.0	244,683.0	98.1	244,632.0	239,938.0	98.1
Federal Communications Commission	2,005.3	2,005.3	100.0	1,800.0	1,800.0	100.0
Federal Trade Commission	6,003.2	3,736.2	62.2	7,324.8	4,558.6	62.2
Library of Congress	1,892.5	995.1	52.6	2,731.2	1,070.6	39.2
National Aeronautics and Space Administration	4,144,645.6	3,123,917.0	75.4	4,630,943.7	2,675,055.5	57.8
National Archives and Records Administration	391.2	369.4	94.4	0.0	0.0	-
National Science Foundation	36,661.5	*	**	37,593.9	*	**
Nuclear Regulatory Commission	30,267.8	20,296.4	67.1	31,281.9	20,087.9	64.2
Smithsonian Institution	236,440.0	141,838.2	60.0	241,440.0	143,965.6	59.6
Social Security Administration	90,908.0	90,908.0	100.0	62,988.0	62,988.0	100.0

* = amount greater than \$0 but less than \$50. ** = percentage greater than 0.00 but less than 0.05%. - = no value possible.

Note(s):

Because of rounding, detail may not add to total. Intramural activities cover costs associated with the administration of intramural R&D programs and extramural R&D procurements by federal personnel as well as actual intramural performance. 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 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.