

TABLE 107

Federal obligations for R&D plant, by agency: FYs 2011–20

(Dollars in millions)

Agency	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 (preliminary)
All agencies	4,170.7	2,145.7	1,905.1	2,217.6	2,825.1	2,441.0	2,651.8	3,852.7	4,376.4	4,759.0
Departments										
Department of Agriculture	35.5	16.3	12.1	10.8	10.9	22.6	156.8	44.1	29.0	430.0
Agricultural Research Service	18.6	4.9	2.6	1.4	1.0	7.5	147.3	28.4	19.4	428.0
Forest Service	17.0	9.8	7.9	7.5	7.9	13.0	9.3	15.6	9.6	2.0
Grain Inspection, Packers, and Stockyards Administration	0.0	1.7	1.6	1.9	2.0	2.0	0.2	na	na	na
Department of Commerce	241.7	175.9	201.7	192.7	188.1	284.7	234.6	393.5	464.3	618.5
Economic Development Administration	14.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
National Institute of Standards and Technology	90.1	35.4	73.6	63.4	39.7	121.2	90.9	105.0	119.0	372.0
National Oceanic and Atmospheric Administration	136.7	140.6	128.1	129.3	148.4	163.5	143.7	288.5	345.4	246.5
Department of Defense	170.3	169.5	97.0	148.1	169.5	178.1	291.2	470.8	609.7	305.6
Department of the Air Force	141.4	143.1	75.5	120.6	123.0	119.5	225.0	210.1	192.6	160.4
Department of the Army	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
Department of the Navy	21.5	24.8	20.5	23.5	35.7	38.0	48.5	78.9	143.2	134.3
Other defense agencies	7.4	1.6	1.0	4.0	10.7	19.4	17.7	181.9	273.9	10.9
Department of Energy	734.6	683.2	556.1	770.5	952.0	1,134.7	1,275.5	2,061.8	2,245.5	2,403.1
Energy Efficiency and Renewable Energy	39.3	0.0	4.4	3.6	3.6	3.6	3.6	227.0	305.5	418.6
Fossil Energy	19.0	16.0	15.2	16.0	15.8	0.0	15.8	21.3	23.0	29.0
National Nuclear Security Administration	128.0	92.8	74.8	115.5	256.3	250.7	305.2	473.6	337.3	292.5
Defense Programs	95.5	52.9	74.7	93.8	101.2	90.9	105.1	259.4	337.3	281.5
Naval Nuclear Propulsion Program	32.5	39.9	0.1	21.8	155.1	159.8	200.1	214.2	0.0	0.0
Office of Defense Nuclear Nonproliferation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
Nuclear Energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.0
Office of Science	548.3	574.5	461.7	635.3	676.4	880.3	951.0	1,339.9	1,579.7	1,598.1
Department of Health and Human Services	79.2	140.2	130.3	143.0	153.4	151.0	127.6	204.5	243.0	265.0
Food and Drug Administration	8.5	6.3	3.7	6.0	6.7	5.4	4.6	7.5	26.0	35.0
Health Resources and Services Administration	0.6	0.6	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0
National Institutes of Health	70.1	133.2	126.0	136.3	146.0	145.0	123.0	197.0	217.0	230.0
Department of Homeland Security	568.5	230.4	327.9	361.1	902.9	117.0	13.3	1.3	1.3	0.0
Science and Technology Directorate	567.2	229.3	326.8	359.8	901.7	115.8	12.0	0.0	0.0	0.0
U.S. Coast Guard	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	0.0
Department of the Interior	10.5	4.9	8.0	4.8	8.6	3.3	5.4	3.0	4.6	8.4
Bureau of Ocean Energy Management, Regulation and Enforcement	6.9	na	na	na	na	na	na	na	na	na
Bureau of Reclamation	3.7	2.1	3.0	2.2	2.9	1.2	1.2	1.2	1.2	1.2
Bureau of Safety and Environmental Enforcement	na	2.9	5.0	2.7	5.7	2.2	4.3	1.8	3.5	7.2
Department of Transportation	20.4	37.7	20.9	19.6	28.9	24.7	38.4	30.6	39.3	49.4

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Agency	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 (preliminary)
Federal Aviation Administration	17.7	31.2	18.7	16.5	26.3	22.5	36.8	28.3	37.3	47.7
Federal Railroad Administration	2.7	6.5	2.2	3.1	2.6	2.2	1.6	2.3	2.0	1.7
Department of the Treasury	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	1.3
Bureau of Engraving and Printing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.0
U.S. Mint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.3
Other agencies										
Environmental Protection Agency	4.7	4.9	7.0	7.1	5.1	5.3	4.8	4.7	4.7	4.5
National Aeronautics and Space Administration	1,858.5	97.8	126.2	127.0	52.4	57.9	43.4	97.2	46.2	86.3
National Science Foundation	391.0	535.6	372.6	396.9	320.0	432.9	428.1	508.6	652.1	554.3
Smithsonian Institution	55.7	49.2	45.3	36.0	33.2	28.8	32.7	32.7	32.6	32.6

na = not applicable; agency or subagency did not exist as such or in that organization in that year. NA = not available; data were not collected at that level for that fiscal year.

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.