

TABLE 107

## Federal obligations for R&amp;D plant, by agency: FYs 2012–21

(Dollars in millions)

Agency	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 (preliminary)
All agencies	2,145.7	1,905.1	2,217.6	2,825.1	2,441.0	2,651.8	3,852.7	4,376.4	6,150.1	5,942.9
Departments										
Department of Agriculture	16.3	12.1	10.8	10.9	22.6	156.8	44.1	29.0	789.8	31.7
Agricultural Research Service	4.9	2.6	1.4	1.0	7.5	147.3	28.4	19.4	780.4	20.0
Forest Service	9.8	7.9	7.5	7.9	13.0	9.3	15.6	9.6	9.4	11.7
Grain Inspection, Packers, and Stockyards Administration	1.7	1.6	1.9	2.0	2.0	0.2	na	na	na	na
Department of Commerce	175.9	201.7	192.7	188.1	284.7	234.6	393.5	464.3	359.1	548.6
National Institute of Standards and Technology	35.4	73.6	63.4	39.7	121.2	90.9	105.0	119.0	142.9	309.7
National Oceanic and Atmospheric Administration	140.6	128.1	129.3	148.4	163.5	143.7	288.5	345.4	216.2	238.8
Department of Defense	169.5	97.0	148.1	169.5	178.1	291.2	470.8	609.7	311.7	158.6
Defense Health Agency	na	na	NA	NA	NA	NA	NA	NA	15.5	0.0
Department of the Air Force	143.1	75.5	120.6	123.0	119.5	225.0	210.1	192.6	240.7	110.5
Department of the Army	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0
Department of the Navy	24.8	20.5	23.5	35.7	38.0	48.5	78.9	143.2	44.7	37.5
Other defense agencies	1.6	1.0	4.0	10.7	19.4	17.7	181.9	273.9	10.9	10.6
Department of Energy	683.2	556.1	770.5	952.0	1,134.7	1,275.5	2,061.8	2,245.5	2,325.0	2,171.2
Energy Efficiency and Renewable Energy	0.0	4.4	3.6	3.6	3.6	3.6	227.0	305.5	53.3	38.7
Fossil Energy	16.0	15.2	16.0	15.8	0.0	15.8	21.3	23.0	28.7	29.0
National Nuclear Security Administration	92.8	74.8	115.5	256.3	250.7	305.2	473.6	337.3	573.9	520.8
Defense Programs	52.9	74.7	93.8	101.2	90.9	105.1	259.4	337.3	326.9	189.8
Naval Nuclear Propulsion Program	39.9	0.1	21.8	155.1	159.8	200.1	214.2	0.0	247.0	331.0
Office of Science	574.5	461.7	635.3	676.4	880.3	951.0	1,339.9	1,579.7	1,669.1	1,582.7
Department of Health and Human Services	140.2	130.3	143.0	153.4	151.0	127.6	204.5	243.0	1,769.0	2,354.8
Biomedical Advanced Research and Development Authority	NA	NA	NA	NA	NA	NA	NA	0.0	1,295.7	2,100.1
Food and Drug Administration	6.3	3.7	6.0	6.7	5.4	4.6	7.5	26.0	20.3	24.8
Health Resources and Services Administration	0.6	0.7	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	133.2	126.0	136.3	146.0	145.0	123.0	197.0	217.0	453.0	230.0
Department of Homeland Security	230.4	327.9	361.1	902.9	117.0	13.3	1.3	1.3	0.0	0.0
Science and Technology Directorate	229.3	326.8	359.8	901.7	115.8	12.0	0.0	0.0	0.0	0.0
U.S. Coast Guard	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0
Department of the Interior	4.9	8.0	4.8	8.6	3.3	5.4	3.0	4.6	7.2	12.0
Bureau of Reclamation	2.1	3.0	2.2	2.9	1.2	1.2	1.2	1.2	1.7	1.2
Bureau of Safety and Environmental Enforcement	2.9	5.0	2.7	5.7	2.2	4.3	1.8	3.5	5.5	10.8
Department of Transportation	37.7	20.9	19.6	28.9	24.7	38.4	30.6	39.3	40.3	28.8
Federal Aviation Administration	31.2	18.7	16.5	26.3	22.5	36.8	28.3	37.3	38.4	26.8
Federal Railroad Administration	6.5	2.2	3.1	2.6	2.2	1.6	2.3	2.0	1.9	2.0
Department of the Treasury	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0
Bureau of Engraving and Printing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0
U.S. Mint	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
Other agencies										
Environmental Protection Agency	4.9	7.0	7.1	5.1	5.3	4.8	4.7	4.7	4.5	2.3

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(Dollars in millions)

Agency	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 (preliminary)
National Aeronautics and Space Administration	97.8	126.2	127.0	52.4	57.9	43.4	97.2	46.2	35.8	34.1
National Science Foundation	535.6	372.6	396.9	320.0	432.9	428.1	508.6	652.1	441.4	533.3
Smithsonian Institution	49.2	45.3	36.0	33.2	28.8	32.7	32.7	32.6	66.2	67.4

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. FYs 2020 and 2021 obligations include additional funding provided by 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.