

TABLE 11. Federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency: FY 2011  
(Dollars in thousands)

Agency	Research and development				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	10,785,946.6	4,424,524.0	3,437,761.7	2,923,660.9	852,281.5	118,328.5	242,932.6	491,020.4
Departments								
Department of Commerce	1,396.8	0.0	1,396.8	0.0	0.0	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	1,396.8	0.0	1,396.8	0.0	0.0	0.0	0.0	0.0
Department of Defense	2,434,587.8	625,264.2	567,407.2	1,241,916.5	0.0	0.0	0.0	0.0
Defense Advanced Research Projects Agency	59,374.6	16,705.9	36,112.7	6,556.0	0.0	0.0	0.0	0.0
Department of the Air Force	1,323,130.2	128,142.5	249,395.0	945,592.7	0.0	0.0	0.0	0.0
Department of the Army	90,116.4	12,767.7	32,387.5	44,961.1	0.0	0.0	0.0	0.0
Department of the Navy	479,318.7	329,635.1	45,580.2	104,103.4	0.0	0.0	0.0	0.0
Other defense agencies <sup>a</sup>	482,648.0	138,013.0	203,931.8	140,703.2	0.0	0.0	0.0	0.0
Department of Energy	6,446,125.8	3,184,821.1	1,753,113.2	1,508,191.5	677,375.1	102,005.8	232,202.8	343,166.6
Advanced Research Projects Agency—Energy	15,283.8	2,411.0	5,526.9	7,345.8	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	46,421.4	16,994.1	5,257.5	24,169.8	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	412,711.2	61,169.0	79,765.6	271,776.6	39,295.0	0.0	0.0	39,295.0
Environmental Management	40,146.6	20,784.5	2,776.0	16,586.1	0.0	0.0	0.0	0.0
Fossil Energy	62,545.5	26,640.1	16,434.1	19,471.3	0.0	0.0	0.0	0.0
National Nuclear Security Administration	2,652,232.5	2,594,390.1	8,966.2	48,876.3	92,417.1	92,417.1	0.0	0.0
Defense Programs	2,336,021.7	2,333,930.7	2,091.0	0.0	92,417.1	92,417.1	0.0	0.0
Naval Reactors	52,745.9	52,631.4	19.5	95.0	0.0	0.0	0.0	0.0
Nonproliferation and Verification	263,465.0	207,828.1	6,855.7	48,781.3	0.0	0.0	0.0	0.0
Nuclear Energy	365,795.9	264,602.1	31,144.4	70,049.5	0.0	0.0	0.0	0.0
Office of Science	2,850,989.0	197,830.2	1,603,242.5	1,049,916.2	545,663.0	9,588.7	232,202.8	303,871.6
Department of Health and Human Services	530,320.2	463,142.8	44,184.4	22,993.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	1,215.3	0.0	1,215.3	0.0	0.0	0.0	0.0	0.0
Ctrs. for Medicare and Medicaid Services	69.5	0.0	0.0	69.5	0.0	0.0	0.0	0.0
National Institutes of Health	529,035.4	463,142.8	42,969.1	22,923.6	0.0	0.0	0.0	0.0
Department of Homeland Security	131,969.6	62,342.3	17,854.9	51,772.5	163,559.0	16,322.8	2,475.0	144,761.2
Science and Technology Directorate	131,969.6	62,342.3	17,854.9	51,772.5	163,559.0	16,322.8	2,475.0	144,761.2
Department of the Interior	482.4	0.0	482.4	0.0	0.0	0.0	0.0	0.0
Bureau of Ocean Energy Management, Regulation and Enforcement	482.4	0.0	482.4	0.0	0.0	0.0	0.0	0.0
Department of Justice	1,605.7	975.0	355.0	275.7	0.0	0.0	0.0	0.0
Office of Justice Programs	1,605.7	975.0	355.0	275.7	0.0	0.0	0.0	0.0
Department of Transportation	119,528.9	63,584.7	11.5	55,932.8	0.0	0.0	0.0	0.0
Federal Aviation Administration	44,758.8	0.0	11.5	44,747.3	0.0	0.0	0.0	0.0
Federal Highway Administration	74,770.1	63,584.7	0.0	11,185.5	0.0	0.0	0.0	0.0

TABLE 11. Federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency: FY 2011  
(Dollars in thousands)

Agency	Research and development			R&D plant				
	Total	Industry-administered FFRDCs	University-administered FFRDCs	Nonprofit-administered FFRDCs	Total	Industry-administered FFRDCs	University-administered FFRDCs	Nonprofit-administered FFRDCs
Department of the Treasury	149.8	0.0	0.0	149.8	0.0	0.0	0.0	0.0
Internal Revenue Service	149.8	0.0	0.0	149.8	0.0	0.0	0.0	0.0
Other agencies								
National Aeronautics and Space Administration	855,678.9	634.2	842,446.4	12,598.3	4,226.7	0.0	1,134.1	3,092.6
National Science Foundation	210,640.8	0.0	202,586.7	8,054.1	7,120.8	0.0	7,120.8	0.0
Nuclear Regulatory Commission	53,460.0	23,759.8	7,923.4	21,776.8	0.0	0.0	0.0	0.0

FFRDC = federally funded research and development center.

<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. 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.