

TABLE 8. Federal obligations for research and development, by agency and performer: FY 2008

(Dollars in millions)

Agency	Total R&D	Intramural <sup>a</sup>	Extramural								
			United States and U.S. territories								Foreign
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments		
All agencies	127,105.7	29,637.9	56,337.6	4,119.9	26,026.5	1,988.6	5,965.0	2,083.0	389.0	558.1	
Departments											
Department of Agriculture	2,202.1	1,434.9	16.7	0.0	707.8	0.0	28.0	0.0	10.2	4.4	
Agricultural Marketing Service	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Agricultural Research Service	1,122.6	1,013.5	0.0	0.0	89.4	0.0	14.4	0.0	1.5	3.8	
Animal and Plant Health Inspection Service	28.4	20.1	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	
Economic Research Service	77.8	72.2	0.2	0.0	4.3	0.0	0.9	0.0	0.0	0.4	
Foreign Agricultural Service	0.4	0.2	0.0	0.0	0.2	0.0	*	0.0	0.0	0.0	
Forest Service	295.0	259.8	1.1	0.0	23.7	0.0	2.6	0.0	7.5	0.3	
Grain Inspection, Packers, and Stockyards Administration	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
National Agricultural Statistics Service	6.9	6.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	
National Institute of Food and Agriculture	655.1	49.9	15.4	0.0	581.0	0.0	7.6	0.0	1.1	0.0	
Rural Business-Cooperative Service	4.2	1.1	0.0	0.0	0.6	0.0	2.6	0.0	0.0	0.0	
Department of Commerce	1,044.7	800.2	66.4	0.1	160.1	1.0	11.8	1.2	2.2	1.7	
Economic Development Administration	2.2	0.1	0.0	0.0	1.6	0.0	0.4	0.0	0.0	0.0	
National Institute of Standards and Technology	430.0	343.7	59.1	0.1	22.7	0.0	2.0	1.2	0.1	1.2	
National Oceanic and Atmospheric Administration	580.8	424.7	7.3	0.0	135.8	1.0	9.3	0.0	2.2	0.6	
National Telecommunications and Information Administration	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
U.S. Census Bureau	24.7	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of Defense	71,833.3	17,877.4	49,374.7	346.3	2,363.1	376.1	549.5	699.5	12.9	233.8	
Defense agencies and activities	15,905.6	4,556.1	9,741.0	281.0	712.8	162.5	105.2	159.8	0.1	187.1	
Chemical and Biological Defense	702.8	411.7	203.6	6.9	50.9	3.9	13.2	2.1	*	10.6	
Defense Advanced Research Projects Agency	2,530.8	184.8	1,779.9	32.2	392.5	42.6	66.9	14.7	0.0	17.2	
Defense Business Transformation Agency	276.9	141.2	135.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Contract Management Agency	10.8	0.4	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Information Systems Agency	402.7	82.1	309.0	0.0	0.1	0.0	0.0	11.4	0.0	0.0	
Defense Logistics Agency	188.8	128.1	39.5	0.0	20.6	0.0	0.5	0.0	0.0	0.0	
Defense Technical Information Center	51.4	45.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Threat Reduction Agency	450.7	115.4	246.9	40.8	26.1	1.2	0.0	18.5	0.0	1.8	
Joint Staff	53.9	53.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Missile Defense Agency	8,622.6	2,466.2	5,775.6	114.8	35.2	48.7	8.0	44.3	*	129.7	
Office of the Secretary of Defense	2,115.9	856.6	809.5	86.2	186.3	66.2	16.6	66.6	*	27.8	
Special Operations Command	498.4	70.6	424.5	0.1	1.0	0.0	0.0	2.3	0.0	0.0	
Department of the Air Force	25,232.3	4,482.2	19,850.9	11.7	367.7	118.1	51.4	327.0	5.7	17.7	
Department of the Army	11,877.8	2,966.6	8,008.8	33.5	524.5	31.4	238.7	55.2	7.1	11.9	
Department of the Navy	18,633.0	5,798.5	11,704.6	20.1	751.3	64.1	154.1	123.3	0.0	17.0	
Operational Test and Evaluation, Director	184.7	74.1	69.4	0.0	6.9	0.0	0.0	34.3	0.0	0.0	

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Department of Education	328.1	16.1	15.3	0.0	220.3	0.0	75.9	0.0	0.5	0.0	
Department of Energy	8,238.8	611.8	1,034.0	3,001.2	816.5	1,417.6	117.6	1,221.0	16.6	2.4	
Bonneville Power Administration	13.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Civilian Radioactive Waste Management	1.4	0.1	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
Electricity Delivery and Energy Reliability	82.7	4.1	21.0	15.5	5.7	3.2	2.5	28.3	2.3	0.0	
Energy Efficiency and Renewable Energy	729.1	284.9	0.0	63.3	74.9	58.7	20.7	226.6	0.0	0.0	
Environmental Management	19.4	*	13.8	3.0	0.1	0.1	0.0	2.4	0.0	0.0	
Fossil Energy	403.9	125.3	95.5	29.5	49.9	13.0	57.3	19.1	14.3	*	
National Nuclear Security Administration	3,718.2	128.4	809.6	2,633.1	74.9	8.3	3.2	60.1	0.0	0.6	
Defense Programs	2,707.4	126.1	149.4	2,371.6	58.8	0.2	1.3	0.0	0.0	0.0	
Naval Reactors	711.8	*	653.1	57.6	0.0	*	1.0	0.1	0.0	0.0	
Nonproliferation and Verification	299.0	2.3	7.1	203.9	16.0	8.1	0.9	60.0	0.0	0.6	
Nuclear Energy	133.1	*	31.8	89.1	0.4	5.9	0.0	5.9	0.0	0.0	
Office of Science	3,137.3	55.2	62.3	166.4	610.7	1,328.3	34.0	878.6	0.0	1.8	
Department of Health and Human Services	29,553.3	5,491.6	1,622.8	614.4	16,919.2	51.9	4,359.1	26.9	183.7	283.8	
Administration for Children and Families	19.4	0.3	0.0	0.0	9.8	0.0	9.4	0.0	0.0	0.0	
Agency for Healthcare Research and Quality	334.4	79.6	107.2	0.0	79.5	0.0	65.1	0.0	1.9	1.0	
Agency for Toxic Substances and Disease Registry	4.3	0.5	2.3	0.0	0.6	0.0	0.0	0.0	0.9	0.0	
Centers for Disease Control and Prevention	538.2	172.4	19.9	0.0	220.0	1.9	54.9	0.0	62.9	6.1	
Centers for Medicare and Medicaid Services	31.1	*	12.2	0.0	3.2	0.0	6.2	0.0	9.4	0.0	
Food and Drug Administration	137.9	100.7	6.7	0.0	16.1	0.0	14.3	0.0	0.0	0.1	
Health Resources and Services Administration	62.1	3.3	0.0	0.0	17.6	0.0	37.7	0.0	3.5	0.0	
National Institutes of Health	28,404.4	5,124.8	1,469.3	614.4	16,569.2	50.0	4,168.4	26.9	105.0	276.6	
Office of the Secretary	21.5	10.1	5.3	0.0	3.1	0.0	3.1	0.0	0.0	0.0	
Office of the Assistant Secretary, Planning and Evaluation	21.5	10.1	5.3	0.0	3.1	0.0	3.1	0.0	0.0	0.0	
Department of Homeland Security	837.2	312.7	173.8	144.0	84.0	5.4	27.3	87.4	2.6	0.0	
Science and Technology Directorate	816.9	300.1	166.8	143.8	83.9	5.4	27.0	87.4	2.6	0.0	
U.S. Coast Guard	19.6	12.2	7.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	
U.S. Secret Service	0.7	0.4	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	
Department of Housing and Urban Development	29.6	21.0	6.9	0.0	0.4	0.0	1.3	0.0	0.0	0.0	
Department of the Interior	636.2	553.9	13.8	0.0	53.9	0.0	6.3	0.0	7.1	1.2	
Bureau of Reclamation	8.9	2.6	1.9	0.0	4.3	0.0	0.0	0.0	0.0	0.0	
Minerals Management Service	32.4	11.6	10.2	0.0	8.8	0.0	0.5	0.0	0.0	1.2	
National Park Service	8.5	1.3	0.2	0.0	6.7	0.0	0.3	0.0	*	0.0	
U.S. Geological Survey	586.4	538.4	1.4	0.0	34.1	0.0	5.4	0.0	7.1	0.0	
Department of Justice	113.4	37.1	25.2	0.4	25.1	0.7	13.3	0.0	11.8	0.0	
Bureau of Prisons	10.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	
Federal Bureau of Investigation	26.1	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Office of Justice Programs	76.8	8.1	25.2	0.4	25.1	0.7	13.3	0.0	4.1	0.0	

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Department of Labor	42.5	14.9	11.0	0.0	0.5	0.0	14.2	0.0	1.8	0.0	
Bureau of Labor Statistics	24.2	10.1	0.6	0.0	0.1	0.0	13.4	0.0	0.0	0.0	
Employee Benefits Security Administration	2.2	1.1	0.7	0.0	0.0	0.0	0.4	0.0	0.0	0.0	
Employment and Training Administration	10.7	0.0	8.0	0.0	0.4	0.0	0.5	0.0	1.8	0.0	
Occupational Safety and Health Administration	3.6	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Pension Benefit Guaranty Corporation	1.8	0.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of State	3.7	0.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of Transportation	806.1	217.7	331.1	1.5	62.9	8.3	41.8	17.9	124.7	0.1	
Federal Aviation Administration	257.1	74.0	148.0	1.5	19.1	8.3	0.0	6.2	0.0	0.0	
Federal Highway Administration	377.3	43.6	137.7	0.0	21.7	0.0	38.4	11.8	124.1	0.0	
Federal Motor Carrier Safety Administration	8.4	4.0	1.9	0.0	2.0	0.0	0.6	0.0	0.0	0.0	
Federal Railroad Administration	37.5	15.3	20.5	0.0	1.7	0.0	0.0	0.0	0.0	0.0	
Federal Transit Administration	9.5	0.9	0.3	0.0	8.0	0.0	0.0	0.0	0.4	0.0	
National Highway Traffic Safety Administration	83.3	59.1	17.1	0.0	7.0	0.0	0.0	0.0	0.0	0.0	
Office of the Secretary	13.5	8.9	0.0	0.0	3.0	0.0	1.3	0.0	0.2	0.0	
Pipeline and Hazardous Materials Safety Administration	8.9	1.2	5.7	0.0	0.4	0.0	1.5	0.0	0.0	0.1	
Research and Innovative Technology Administration	10.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of the Treasury	65.5	56.7	4.9	0.0	0.1	0.0	0.0	3.8	0.0	0.0	
Bureau of Engraving and Printing	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Internal Revenue Service	59.6	50.8	4.9	0.0	0.1	0.0	0.0	3.8	0.0	0.0	
U.S. Mint	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of Veterans Affairs	479.6	479.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other agencies											
Agency for International Development	123.8	16.3	6.5	0.0	26.9	0.0	74.1	0.0	0.0	0.0	
Appalachian Regional Commission	0.8	0.1	0.2	0.0	0.3	0.0	0.2	0.0	0.0	0.0	
Environmental Protection Agency	532.0	410.1	61.2	0.0	44.5	0.0	13.3	0.0	2.7	0.2	
Federal Communications Commission	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Federal Trade Commission	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Library of Congress	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
National Aeronautics and Space Administration	5,827.5	1,074.3	3,365.5	1.1	1,151.5	3.4	213.0	12.5	1.0	5.1	
National Archives and Records Administration	4.6	0.1	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	
National Science Foundation	4,135.2	32.0	160.5	0.4	3,378.9	118.9	412.7	0.7	9.2	21.9	

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Nuclear Regulatory Commission	61.0	21.7	4.9	10.6	2.2	5.4	0.6	12.1	0.0	3.5	
Smithsonian Institution	142.0	142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Social Security Administration	54.1	4.2	39.1	0.0	3.8	0.0	4.9	0.0	2.0	0.1	

\* = amount greater than \$0 but less than \$50,000.

FFRDC = federally funded research and development center.

<sup>a</sup> Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

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 table. See appendix C for additional notes associated with agencies listed in this table.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development: FY 2008–10.