

TABLE 8. Federal obligations for research and development, by agency and performer: FY 2003

(Dollars in millions)

Agency	Total R&D	Intramural ^a	Extramural							Foreign
			United States and U.S. territories							
			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits	Nonprofit FFRDCs	State, local governments	
All agencies	93,661.3	22,861.6	33,852.7	1,507.6	22,693.5	4,754.2	5,706.7	1,352.8	400.0	532.4
Departments										
Department of Agriculture	2,039.6	1,353.8	17.0	0.0	641.1	0.0	20.8	0.0	3.4	3.6
Agricultural Marketing Service	4.8	4.6	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0
Agricultural Research Service	1,062.0	964.7	0.0	0.0	85.0	0.0	8.2	0.0	0.8	3.2
Animal and Plant Health Inspection Service	28.0	21.2	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0
Cooperative State Research, Education, and Extension Service	568.1	33.1	14.5	0.0	512.8	0.0	6.7	0.0	0.9	0.0
Economic Research Service	68.4	61.6	1.0	0.0	4.3	0.0	1.4	0.0	0.1	*
Foreign Agricultural Service	1.6	1.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
Forest Service	292.0	255.5	1.5	0.0	31.2	0.0	1.9	0.0	1.6	0.3
Grain Inspection, Packers, and Stockyards Administration	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Agricultural Statistics Service	5.5	5.2	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0
Rural Business-Cooperative Service	3.8	1.3	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0
Department of Commerce	1,208.0	831.8	168.6	0.0	160.9	0.9	30.9	0.0	14.1	0.7
Economic Development Administration	0.5	0.1	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0
National Institute of Standards and Technology	476.0	291.6	162.6	0.0	17.1	0.0	4.3	0.0	0.0	0.4
National Oceanic and Atmospheric Administration	685.4	508.0	6.0	0.0	139.1	0.9	19.4	0.0	11.6	0.3
National Telecommunications and Information Administration	23.5	9.6	0.0	0.0	4.6	0.0	6.8	0.0	2.5	0.0
U.S. Census Bureau	22.5	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	42,031.2	10,843.2	27,699.2	117.7	1,934.1	348.1	340.2	461.5	7.3	280.0
Defense agencies	12,502.9	2,522.8	8,334.7	100.7	942.7	211.5	120.4	117.0	1.3	151.9
Chemical and Biological Defense	355.3	230.6	95.9	0.0	14.7	0.0	10.7	0.3	0.0	3.2
Defense Advanced Research Projects Agency	2,408.3	257.7	1,461.7	24.2	458.0	74.6	89.9	25.1	0.0	17.1
Defense Information Systems Agency	266.5	62.4	188.4	0.0	2.3	0.0	0.0	13.3	0.0	0.0
Defense Logistics Agency	189.2	87.6	70.7	0.0	24.5	0.1	0.7	5.6	0.0	0.0
Defense Threat Reduction Agency	543.8	214.9	282.5	8.8	4.7	27.0	1.3	1.2	0.0	3.4
Joint Staff	109.3	105.3	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
Missile Defense Agency	6,869.7	1,117.6	5,415.1	47.8	64.6	69.5	5.7	44.2	1.3	103.9
Special Operations Command	519.5	178.0	337.9	0.0	3.2	0.3	0.0	0.0	0.0	0.0
Washington Headquarters Services	1,241.3	268.7	482.4	19.9	370.6	36.0	12.1	27.4	0.0	24.3
Department of the Air Force	8,393.0	1,561.0	6,431.2	9.9	124.7	56.6	29.4	176.1	3.0	1.3
Materiel Command	5,596.1	1,324.8	4,033.2	1.9	123.9	18.9	29.4	62.8	*	1.3

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Space Command	2,797.0	236.2	2,398.0	8.0	0.8	37.6	0.0	113.3	3.0	0.0
Department of the Army	7,609.5	2,168.4	4,956.6	1.0	258.9	32.6	60.8	50.6	2.8	77.9
Civil Functions	50.6	34.9	10.6	0.0	3.1	0.0	0.0	0.0	1.8	0.2
Military Functions	7,558.9	2,133.5	4,946.0	1.0	255.8	32.6	60.8	50.6	1.0	77.6
Department of the Navy	13,290.0	4,510.5	7,864.3	6.1	599.6	41.7	129.7	89.0	0.2	49.0
Operational Test and Evaluation, Director	235.7	80.5	112.3	0.0	8.3	5.8	0.0	28.8	0.0	0.0
Department of Education	302.9	12.8	15.4	0.0	196.9	0.0	76.8	0.0	0.9	0.0
Department of Energy	7,411.9	671.2	1,327.4	932.9	790.4	2,756.7	96.4	833.7	0.7	2.5
Bonneville Power Administration	23.3	22.9	0.0	0.0	0.1	0.0	0.0	0.0	0.4	0.0
Civilian Radioactive Waste Management	75.8	4.4	0.0	20.4	0.0	49.7	0.0	1.3	0.0	0.0
Energy Efficiency and Renewable Energy	682.3	266.6	0.0	47.2	70.1	63.0	19.4	216.0	0.0	0.0
Environmental Management	69.4	*	0.0	35.1	27.7	0.6	0.0	5.9	0.0	0.0
Fossil Energy	639.3	113.1	404.6	5.9	53.1	18.9	24.4	18.2	0.3	1.0
National Nuclear Security Administration	3,475.4	246.7	853.0	756.4	65.8	1,499.5	12.0	42.0	0.0	0.0
Defense Programs	2,576.7	242.9	258.0	649.0	46.8	1,361.2	10.6	8.3	0.0	0.0
Fissile Materials Disposition	25.1	*	0.0	0.0	0.0	19.5	0.0	5.6	0.0	0.0
Naval Reactors	650.0	*	594.8	53.4	0.0	0.4	1.3	0.1	0.0	0.0
Nonproliferation and Verification	223.5	3.8	0.1	54.0	19.0	118.5	0.0	28.1	0.0	0.0
Nuclear Energy	47.1	*	3.3	10.7	9.5	15.3	2.0	6.3	0.0	0.0
Office of Intelligence	4.0	0.1	2.3	0.3	0.0	0.7	0.0	0.7	0.0	0.0
Office of Science	2,395.3	17.5	64.2	56.9	564.0	1,109.1	38.6	543.3	0.0	1.5
Department of Health and Human Services	26,399.1	5,329.9	1,520.9	440.6	14,582.4	79.1	4,073.7	24.3	151.9	196.4
Administration for Children and Families	20.9	1.4	0.2	0.0	16.8	0.0	1.5	0.0	1.0	0.0
Agency for Healthcare Research and Quality	308.7	70.4	83.1	0.0	100.5	0.0	53.7	0.0	0.3	0.6
Agency for Toxic Substances and Disease Registry	14.3	2.4	0.1	0.0	2.9	0.0	5.5	0.0	3.4	*
Centers for Disease Control and Prevention	564.0	484.9	35.2	0.0	39.7	0.0	2.0	0.0	2.1	0.0
Centers for Medicare and Medicaid Services	73.6	*	14.7	0.0	7.6	0.0	13.3	0.0	37.9	0.0
Food and Drug Administration	138.3	104.4	6.3	0.0	18.9	0.0	7.6	0.0	0.0	1.2
Health Resources and Services Administration	43.2	3.1	0.0	0.0	18.3	0.0	21.1	0.0	0.7	0.0
National Institutes of Health	25,156.4	4,657.6	1,373.0	440.6	14,349.6	79.1	3,931.2	24.3	106.5	194.6
Office of the Secretary	22.5	5.7	8.1	0.0	5.0	0.0	3.7	0.0	0.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	19.9	5.3	8.1	0.0	2.8	0.0	3.7	0.0	0.0	0.0
Office of Public Health and Science	2.6	0.3	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0

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			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits	Nonprofit FFRDCs		
Substance Abuse and Mental Health Services ^b Administration	57.2	*	0.0	0.0	23.0	0.0	34.2	0.0	0.0	0.0
Department of Housing and Urban Development	39.0	25.4	10.1	0.0	1.2	0.0	2.4	0.0	0.0	0.0
Department of the Interior	596.7	512.7	16.9	0.0	54.2	0.0	3.1	0.0	9.4	0.4
Bureau of Reclamation	9.5	5.7	2.1	0.0	0.9	0.0	0.6	0.0	0.1	*
Geological Survey	550.2	498.3	5.6	0.0	37.6	0.0	0.0	0.0	8.7	0.0
Minerals Management Service	26.7	6.7	8.7	0.0	9.4	0.0	1.5	0.0	*	0.4
National Park Service ^c	10.3	2.0	0.5	0.0	6.2	0.0	1.0	0.0	0.5	*
Department of Justice	148.2	59.4	8.3	0.0	38.1	0.0	29.6	2.8	10.0	0.0
Bureau of Prisons	9.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0
Federal Bureau of Investigation	42.8	42.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	95.7	13.8	8.3	0.0	38.1	0.0	29.6	2.8	3.1	0.0
Department of Labor	189.1	173.6	2.8	0.0	5.3	0.0	7.3	0.0	0.0	0.0
Bureau of Labor Statistics	20.6	9.0	0.6	0.0	4.9	0.0	6.1	0.0	0.0	0.0
Employee Benefits Security Administration	2.7	0.9	0.5	0.0	0.2	0.0	1.0	0.0	0.0	0.0
Employment and Training Administration	160.0	160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Occupational Safety and Health Administration	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of the Secretary	1.8	0.2	1.1	0.0	0.2	0.0	0.2	0.0	0.0	0.0
Pension Benefit Guaranty Corporation	0.9	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of State	2.3	0.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	693.3	182.9	257.5	4.4	50.3	14.4	19.8	0.0	162.3	1.8
Federal Aviation Administration	245.0	68.3	139.1	4.4	18.9	14.3	0.0	0.0	0.0	0.0
Federal Highway Administration	305.2	48.1	79.8	0.0	15.5	*	16.1	0.0	145.6	*
Federal Motor Carrier Safety Administration	6.8	1.0	1.9	0.0	1.7	0.0	1.7	0.0	0.0	0.5
Federal Railroad Administration	32.2	14.2	15.9	0.0	1.6	0.0	0.0	0.0	0.0	0.5
Federal Transit Administration	7.1	0.5	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Highway Traffic Safety Administration	65.4	41.8	11.0	0.0	12.3	0.0	*	0.0	0.0	0.2
Office of the Secretary	21.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0
Research and Special Programs Administration	10.6	4.6	3.2	0.0	0.2	0.0	2.1	0.0	0.0	0.5
Department of the Treasury	60.0	51.3	7.7	0.0	0.3	0.0	0.7	0.0	0.0	0.0
Bureau of Engraving and Printing	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	54.4	45.7	7.7	0.0	0.3	0.0	0.7	0.0	0.0	0.0
U.S. Mint	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	365.4	365.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits	Nonprofit FFRDCs		
Other agencies										
Agency for International Development	286.0	35.0	15.2	0.0	36.2	0.0	199.6	0.0	0.0	0.0
Appalachian Regional Commission	0.7	0.1	*	0.0	0.3	0.0	0.3	0.0	0.0	0.0
Environmental Protection Agency	567.1	368.9	44.8	0.0	115.4	0.0	28.7	0.0	7.8	1.5
Federal Communications Commission	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Trade Commission	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Library of Congress	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	7,499.0	1,874.8	2,602.0	0.1	1,096.2	1,343.2	526.6	14.3	12.8	28.9
National Archives and Records Administration	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Science Foundation	3,608.6	33.0	131.9	0.0	2,978.2	201.1	238.6	1.3	10.7	13.7
Nuclear Regulatory Commission	64.0	14.4	5.2	12.0	2.8	10.6	1.0	15.0	0.0	2.9
Smithsonian Institution	104.0	104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Security Administration	36.8	8.9	0.3	0.0	9.0	0.0	10.0	0.0	8.6	0.0

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

FFRDCs = federally funded research and development centers.

^a Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

^b Beginning in FY 2003 Substance Abuse and Mental Health Services Administration reclassified some of its funding categories that were considered R&D in prior years.

^c Obligations for FY 2003–05 are for National Park Service's (NPS) natural resources program only; data for NPS cultural resources program were not available for this survey cycle.

NOTES: Because of rounding, detail may not add to total. Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix B for additional notes associated with agencies listed in this table. Totals on this table do not include Department of Homeland Security.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2003, 2004, and 2005.