Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
All agencies	49,095,133	905,491 i	7,810,944	1,798,770	1,299,065	120,181	2,168,551	40,405	463,885	20,323,897	14,163,944
Department of Agriculture	1,248,585	651,193 i	325,961 i	11,554	3,310 i	4,571 i	63,852 i	0 i	93,457	8,429 i	86,259 i
Agricultural Research Service	835,752	373,945 i	317,080 i	978 i	3,310 i	0 i	48,290 i	0 i	1,805 i	6,770 i	83,575 i
Midwest Area	131,193	58,701 i	49,774 i	153 i	520 i	0 i	7,580 i	0 i	283 i	1,063 i	13,119 i
Northeast Area	161,648	72,327 i	61,329 i	189 i	640 i	0 i	9,340 i	0 i	349 i	1,309 i	16,165 i
Pacific West Area	169,342	75,769 i	64,247 i	198 i	671 i	0 i	9,785 i	0 i	366 i	1,372 i	16,934 i
Plains Area	182,884	81,829 i	69,385 i	214 i	724 i	0 i	10,567 i	0 i	395 i	1,481 i	18,288 i
Southeast Area	190,685	85,319 i	72,345 i	223 i	755 i	0 i	11,018 i	0 i	412 i	1,545 i	19,068 i
Animal and Plant Health Inspection Service	47,219	32,497	8,881	0	0	631	631	0	1,894	0	2,684
Forest Pest Methods Laboratory	10,149	10,149	0	0	0	0	0	0	0	0	0
Insect Management and Molecular Diagnostics Laboratory	3,436	3,436	0	0	0	0	0	0	0	0	0
National Veterinary Services Laboratories/ Center for Veterinary Biologics	11,629	11,629	0	0	0	0	0	0	0	0	0
National Wildlife Research Center	15,787	6,788	3,157	0	0	631	631	0	1,894	0	2,684
Plant Pathogen Confirmatory Diagnostics Laboratory	5,723	0	5,723	0	0	0	0	0	0	0	0
Treatment and Inspection Methods Laboratory	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Economic Research Service	89,757	0	0	0	0	0	0	0	89,757	0	0
Forest Service	252,761	232,231 i	0 i	0 i	0 i	3,940 i	14,931 i	0 i	0 i	1,659 i	0 i
Forest Products Laboratory	20,737	207 i	0 i	0 i	0 i	3,940 i	14,931 i	0 i	0 i	1,659 i	0 i
International Institute of Tropical Forestry	5,261	5,261 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Northern Research Station	50,270	50,270 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Pacific Northwest Research Station	40,421	40,421 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Pacific Southwest Research Station	19,484	19,484 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Rocky Mountain Research Station	54,753	54,753 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Southern Research Station	43,699	43,699 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Washington Office Research and Development	18,136	18,136 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
National Agricultural Statistics Service	10,576	0	0	10,576	0	0	0	0	0	0	0
Natural Resources Conservation Service	12,519	12,519	0	0	0	0	0	0	0	0	0
Plant Materials Center	11,490	11,490	0	0	0	0	0	0	0	0	0
Soil Science Research Branch	1,029	1,029	0	0	0	0	0	0	0	0	0
Department of Commerce	1,663,108	36,168	48,471	264,095	476,968	26,715	267,150	27	260,813	257,725	24,976
Census Bureau	355,462	0	0	73,090	0	22,678	0	27	259,507	0	159
National Institute of Standards and Technology	788,920	0	43,931	178,983	12,006	3,964	267,150	0	374	257,725	24,786
National Oceanic and Atmospheric Administration	508,287	36,168	4,539	1,582	464,962	73	0	0	932	0	31

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
National Environmental Satellite, Data, and Information Service	31,645	0	0	0	31,645	0	0	0	0	0	0
Center for Satellite Applications and Research	26,024	0	0	0	26,024	0	0	0	0	0	0
National Centers for Environmental Information	5,621	0	0	0	5,621	0	0	0	0	0	0
National Marine Fisheries Service	48,840	36,168	4,539	1,582	6,241	73	0	0	206	0	31
Alaska Fisheries Science Center	10,959	10,959	0	0	0	0	0	0	0	0	0
Northeast Fisheries Science Center	8,355	8,260	0	0	0	0	0	0	95	0	0
Northwest Fisheries Science Center	9,839	3,141	4,529	584	1,511	73	0	0	0	0	0
Office of Protected Resources	212	212	0	0	0	0	0	0	0	0	0
Office of Science and Technology	959	0	0	959	0	0	0	0	0	0	0
Office of Sustainable Fisheries	625	615	0	0	0	0	0	0	10	0	0
Pacific Island Fisheries Science Center	4,730	0	0	0	4,730	0	0	0	0	0	0
Southeast Fisheries Science Center	6,754	6,574	10	38	0	0	0	0	101	0	31
Southwest Fisheries Science Center	6,408	6,408	0	0	0	0	0	0	0	0	0
National Ocean Service	73,898	0	0	0	73,898	0	0	0	0	0	0
Center for Operational Oceanographic Products and Services	2,383	0	0	0	2,383	0	0	0	0	0	0
National Centers for Coastal Ocean Science	52,173	0	0	0	52,173	0	0	0	0	0	0
National Geodetic Survey	7,138	0	0	0	7,138	0	0	0	0	0	0
Office for Coastal Management	6,040	0	0	0	6,040	0	0	0	0	0	0
Office of Response and Restoration	2,352	0	0	0	2,352	0	0	0	0	0	0
Office of the Coast Survey	3,811	0	0	0	3,811	0	0	0	0	0	0
National Weather Service	33,403	0	0	0	32,677	0	0	0	726	0	0
National Centers for Environmental Prediction	20,311	0	0	0	20,311	0	0	0	0	0	0
Office of Science and Technology Integration	13,092	0	0	0	12,366	0	0	0	726	0	0
Oceanic and Atmospheric Research	296,268	0	0	0	296,268	0	0	0	0	0	0
Air Resources Laboratory	12,291	0	0	0	12,291	0	0	0	0	0	0
Atlantic Oceanographic and Meteorological Laboratory	20,259	0	0	0	20,259	0	0	0	0	0	0
Chemical Sciences Laboratory	14,181	0	0	0	14,181	0	0	0	0	0	0
Climate Program Office	23,199	0	0	0	23,199	0	0	0	0	0	0
Earth System Research Laboratories	3,874	0	0	0	3,874	0	0	0	0	0	0
Geophysical Fluid Dynamics Laboratory	29,956	0	0	0	29,956	0	0	0	0	0	0
Global Monitoring Laboratory	20,188	0	0	0	20,188	0	0	0	0	0	0
Global Ocean Monitoring and Observing Program	21,851	0	0	0	21,851	0	0	0	0	0	0
Global Systems Laboratory	22,614	0	0	0	22,614	0	0	0	0	0	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Great Lakes Environmental Research Laboratory	18,185	0	0	0	18,185	0	0	0	0	0	0
National Sea Grant College Program	3,136	0	0	0	3,136	0	0	0	0	0	0
National Severe Storms Laboratory	23,501	0	0	0	23,501	0	0	0	0	0	0
Ocean Acidification Program	2,309	0	0	0	2,309	0	0	0	0	0	0
Office of Ocean Exploration and Research	10,414	0	0	0	10,414	0	0	0	0	0	0
Office of Research Transition and Application	3,794	0	0	0	3,794	0	0	0	0	0	0
Pacific Marine Environment Laboratory	24,213	0	0	0	24,213	0	0	0	0	0	0
Physical Sciences Laboratory	20,646	0	0	0	20,646	0	0	0	0	0	0
Weather Program Office	21,658	0	0	0	21,658	0	0	0	0	0	0
Office of Marine and Aviation Operations	24,232	0	0	0	24,232	0	0	0	0	0	0
National Oceanic and Atmospheric Administration Corps	24,232	0	0	0	24,232	0	0	0	0	0	0
National Telecommunications and Information Administration	10,439	0	0	10,439	0	0	0	0	0	0	0
Institute for Telecommunication Sciences	10,439	0	0	10,439	0	0	0	0	0	0	0
Department of Defense	34,778,419	57,966	728,166	1,476,901	104,726	84,007	676,917	34,803	43,075	17,578,110	13,993,748
Defense Information Systems Agency	63,979	0	0	63,979	0	0	0	0	0	0	0
Department of the Air Force	18,203,631	0	283	548,728	604	102	4,442	72	13,461	4,598,413	13,037,526
Air Combat Command	2,339	0	0	0	0	0	0	0	0	2,339	0
Air Education Training Command	1,235	0	0	0	0	0	0	0	0	0	1,235
Air Force - Manpower and Reserve Affairs	149	0	0	149	0	0	0	0	0	0	0
Air Force Global Strike Command	169	0	0	0	0	0	0	0	0	169	0
Air Force Operational Test and Evaluation	34,000	0	0	0	0	0	0	0	0	34,000	0
Air Force Transportation Command	23,623	0	0	0	0	0	0	0	0	0	23,623
HQ Air Force Materiel Command	15,763,850	0	250	548,344	125	90	2,771	64	13,455	2,653,678	12,545,074
Air Force Materiel Command (AFMC)	14,150,797	0	0	546,585	0	0	0	0	13,410	1,220,654	12,370,147
Air Force Research Lab - U.S. Air Force projects	1,613,053	0	250	1,759	125	90	2,771	64	44	1,433,024	174,927
Space Force	2,371,326	0	33	236	479	12	1,671	9	6	1,901,287	467,593
Air Force Research Lab - U.S. Space Force projects	216,170	0	33	236	17	12	371	9	6	192,044	23,443
Space Development Agency	41,852	0	0	0	0	0	0	0	0	41,852	0
Space Operations Command	91,918	0	0	0	0	0	1,300	0	0	87,619	2,999
Space Systems Command	2,021,386	0	0	0	463	0	0	0	0	1,579,771	441,152
U.S. Space Command	6,941	0	0	0	0	0	0	0	0	6,941	0
Department of the Army	5,082,913	57,933	593,659	261,379	9,261	17,180	162,727	20,992	29,166	3,336,567	594,050
Army Cyber Command	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Army Engineer Research and Development Center	757,280	55,626	29,923	118,157	8,440	16,496	119,692	0	28,005	380,942	0
Army Medical Research and Development Command	458,275	0	458,275	0	0	0	0	0	0	0	0
Army Research Institute for the Behavioral and Social Sciences	18,817	0	0	0	0	0	0	18,817	0	0	0
Combat Capabilities Development Command (DEVCOM)	3,560,575	0	81,820	132,813	452	0	36,556	1,339	0	2,752,412	555,183
Armaments Center	257,297	0	0	0	0	0	0	0	0	257,297	0
Army Research Laboratory	408,678	0	7,723	17,597	452	0	9,917	1,339	0	33,546	338,104
Aviation and Missile Center	1,580,036	0	0	0	0	0	0	0	0	1,580,036	0
Chemical Biological Center	103,099	0	46,830	0	0	0	0	0	0	27,630	28,639
Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance Center	665,954	0	0	113,212	0	0	26,638	0	0	359,615	166,489
Data and Analysis Center	142,267	0	0	2,004	0	0	0	0	0	140,263	0
DEVCOM Headquarters	35,571	0	0	0	0	0	0	0	0	13,618	21,952
Ground Vehicle Systems Center	276,786	0	0	0	0	0	0	0	0	276,786	0
Soldier Center	90,887	0	27,266	0	0	0	0	0	0	63,621	0
Space and Missile Defense Command	85,556	0	0	0	0	0	0	0	0	70,345	15,211
Department of the Navy	7,393,087	33	134,225	602,815	94,861	66,725	509,747	13,739	448	5,608,322	362,172
Bureau of Medicine and Surgery	123,045	0	94,877	0	0	0	0	9,794	0	18,375 i	0
Naval Medical Research Command[a]	123,045	0	94,877	0	0	0	0	9,794	0	18,375 i	0
Naval Health Research Center	24,802	0	24,802	0	0	0	0	0	0	0	0
Naval Medical Research Unit - Dayton	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naval Medical Research Unit - INDO PACIFIC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naval Medical Research Unit - San Antonio	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naval Medical Research Unit - South	10,701	0	10,701	0	0	0	0	0	0	0	0
Naval Submarine Medical Research Laboratory	9,132	0	4,020	0	0	0	0	5,112	0	0	0
Marine Corps	1,235	0	0	1,235	0	0	0	0	0	0	0
Naval Air Warfare Center Aircraft Division	1,198,012	0	0	261,305	0	0	0	0	0	688,540	248,167
Naval Air Warfare Center Weapon Division	821,934	0	0	0	0	0	0	0	0	821,934	0
Naval Facilities Engineering and Expeditionary Warfare Center	29,000	0	0	6,000	0	0	8,000	0	0	13,000	2,000
Naval Information Warfare Systems Command	636,194	33	7,088	216,890	16,476	44,389	18,175	3,420	448	272,615	56,660
Naval Information Warfare Center Atlantic	132,424	0	0	37,566	0	33,412	738	0	0	45,596	15,112
Naval Information Warfare Center Pacific	503,770	33	7,088	179,325	16,476	10,978	17,436	3,420	448	227,019	41,548
Naval Observatory	1,562	0	0	0	0	0	447	0	0	636	479
Naval Oceanographic Office	19,533	0	0	0	0	0	0	0	0	19,533	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Naval Sea Systems Command Warfare Centers	3,841,762	0	9,494	70,644	108	22,336	62,074	526	0	3,651,262	25,318
Naval Surface Warfare Center	3,164,754	0	9,494	53,801	0	18,989	60,130	526	0	2,996,496	25,318
Naval Undersea Warfare Center	677,008	0	0	16,844	108	3,347	1,943	0	0	654,766	0
Office of Naval Research	720,810	0	22,766	46,741	78,277	0	421,052	0	0	122,426	29,548
Naval Research Laboratory	720,810	0	22,766	46,741	78,277	0	421,052	0	0	122,426	29,548
Missile Defense Agency	4,034,808	0	0	0	0	0	0	0	0	4,034,808	0
Department of Energy	49,252 i	0 i	0 i	0 i	4,679 i	0 i	7,831 i	0 i	0 i	36,742 i	0 i
National Energy Technology Laboratory	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Department of Health and Human Services	4,818,697	109,170	4,594,448	37,966	702	145	7,269	1,245	7,986	36,972	22,794
Centers for Disease Control and Prevention	107,535	0	81,446	186	702	145	2,643	581	1,020	20,261	550
National Center for Emerging and Zoonotic Infectious Diseases	18,006	0	18,006	0	0	0	0	0	0	0	0
National Center for HIV, Viral Hepatitis, STD, and Tuberculosis Prevention	34,183	0	34,183	0	0	0	0	0	0	0	0
National Center on Birth Defects and Developmental Disabilities	243	0	0	0	0	0	0	0	0	0	243
National Institute for Occupational Safety and Health	55,103	0	29,257	186	702	145	2,643	581	1,020	20,261	307
Food and Drug Administration	510,332	109,170	359,156	6,325	0	0	4,626	0	0	8,811	22,244
Center for Biologics Evaluation and Research	69,085	0	69,085	0	0	0	0	0	0	0	0
Center for Devices and Radiological Health	51,000	0	51,000	0	0	0	0	0	0	0	0
Center for Drug Evaluation and Research	76,826	0	76,826	0	0	0	0	0	0	0	0
Center for Food Safety and Applied Nutrition	75,000	75,000	0	0	0	0	0	0	0	0	0
Center for Tobacco Products	111,561	0	111,561	0	0	0	0	0	0	0	0
Center for Veterinary Medicine	32,000	32,000	0	0	0	0	0	0	0	0	0
National Center for Toxicological Research	88,065	2,170	48,174	6,325	0	0	2,066	0	0	7,087	22,244
Office of Regulatory Affairs	5,199	0	914	0	0	0	2,560	0	0	1,725	0
Oncology Center of Excellence	1,596	0	1,596	0	0	0	0	0	0	0	0
National Institutes of Health	4,200,830	0	4,153,846	31,456	0	0	0	663	6,966	7,900	0
Clinical Center	693,747	0	693,747	0	0	0	0	0	0	0	0
Eunice Kennedy Shriver National Institute of Child Health and Human Development	245,638	0	226,797	11,875	0	0	0	0	6,966	0	0
National Cancer Institute	1,093,879	0	1,093,879	0	0	0	0	0	0	0	0
National Center for Advancing Translational Sciences	181,750	0	181,750	0	0	0	0	0	0	0	0
National Center for Complementary and Integrative Health	5,354	0	5,354	0	0	0	0	0	0	0	0
National Eye Institute	120,483	0	120,483	0	0	0	0	0	0	0	0
National Heart, Lung, and Blood Institute	189,805	0	189,805	0	0	0	0	0	0	0	0
National Human Genome Research Institute	162,753	0	146,865	15,888	0	0	0	0	0	0	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
National Institute of Allergy and Infectious Diseases	551,631	0	551,631	0	0	0	0	0	0	0	0
National Institute of Arthritis and Musculoskeletal and Skin Diseases	66,634	0	66,634	0	0	0	0	0	0	0	0
National Institute of Biomedical Imaging and Bioengineering	7,900	0	0	0	0	0	0	0	0	7,900	0
National Institute of Dental and Craniofacial Research	78,988	0	78,988	0	0	0	0	0	0	0	0
National Institute of Diabetes and Digestive and Kidney Diseases	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
National Institute of Environmental Health Sciences	140,737	0	140,737	0	0	0	0	0	0	0	0
National Institute of Mental Health	663	0	0	0	0	0	0	663	0	0	0
National Institute of Neurological Disorders and Stroke	229,097	0	229,097	0	0	0	0	0	0	0	0
National Institute of Nursing Research	11,353	0	7,660	3,693	0	0	0	0	0	0	0
National Institute on Aging	7,183	0	7,183	0	0	0	0	0	0	0	0
National Institute on Alcohol Abuse and Alcoholism	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
National Institute on Deafness and Other Communication Disorders	34,240	0	34,240	0	0	0	0	0	0	0	0
National Institute on Drug Abuse	67,053	0	67,053	0	0	0	0	0	0	0	0
National Institute on Minority Health and Health Disparities	13,897	0	13,897	0	0	0	0	0	0	0	0
National Library of Medicine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Department of Homeland Security	21,908	1,235	0	551	0	0	4,393	0	0	14,073	1,656
Coast Guard	2,207	0	0	551	0	0	0	0	0	0	1,656
Acquisition Directorate, Research and Development Center	2,207	0	0	551	0	0	0	0	0	0	1,656
Science and Technology Directorate	19,701	1,235	0	0	0	0	4,393	0	0	14,073	0
Office of National Laboratories	19,701	1,235	0	0	0	0	4,393	0	0	14,073	0
Chemical Security Analysis Center	4,393	0	0	0	0	0	4,393	0	0	0	0
National Urban Security Technology Laboratory	4,073	0	0	0	0	0	0	0	0	4,073	0
Plum Island Animal Disease Center	1,235	1,235	0	0	0	0	0	0	0	0	0
Transportation Security Laboratory	10,000	0	0	0	0	0	0	0	0	10,000	0
Department of the Interior	395,747	6,317	203,621	500	154,882	0	5,510	283	11,314	13,319	0
Bureau of Land Management	60	0	60	0	0	0	0	0	0	0	0
Bureau of Reclamation	13,917	2,671	0	0	0	0	0	0	0	11,246	0
Fish and Wildlife Service	1,843	1,843	0	0	0	0	0	0	0	0	0
Geological Survey	378,123	0	203,561	500	154,882	0	5,510	283	11,314	2,073	0
Core Science Systems Mission Area	30,369	0	12,692	500	17,177	0	0	0	0	0	0
Ecosystems Mission Area	170,341	0	132,536	0	19,909	0	4,514	283	11,026	2,073	0
Energy and Minerals Mission Area	40,637	0	0	0	40,637	0	0	0	0	0	0
Natural Hazards Mission Area	77,159	0	0	0	77,159	0	0	0	0	0	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Water Resources Mission Area	59,617	0	58,333	0	0	0	996	0	288	0	0
National Park Service	1,803	1,803	0	0	0	0	0	0	0	0	0
Department of Transportation	133,591	0	15,717 i	2,706 i	5,426 i	2,273 i	0	4,047 i	69 i	98,151	5,201 i
Federal Aviation Administration	45,899 i	0 i	15,717 i	2,706 i	5,426 i	2,273 i	0 i	4,047 i	69 i	10,460 i	5,201 i
Office of Aerospace Medicine	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of NextGen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Federal Highway Administration	33,508	0	0	0	0	0	0	0	0	33,508	0
Intelligence Transportation Systems Joint Program Office	13,977	0	0	0	0	0	0	0	0	13,977	0
Office of Administrations	11,000	0	0	0	0	0	0	0	0	11,000	0
Office of Operations	3	0	0	0	0	0	0	0	0	3	0
Office of Planning	414	0	0	0	0	0	0	0	0	414	0
Office of Research, Development, and Technology	8,114	0	0	0	0	0	0	0	0	8,114	0
National Highway Traffic Safety Administration	38,909	0	0	0	0	0	0	0	0	38,909	0
Office of Vehicle Safety Research	38,909	0	0	0	0	0	0	0	0	38,909	0
Vehicle Research and Test Center	38,909	0	0	0	0	0	0	0	0	38,909	0
Office of the Secretary for Research and Technology	15,275 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	15,275 i	0 i
John A. Volpe National Transportation Systems Center	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Department of Veterans Affairs	1,763,971	0	1,763,971	0	0	0	0	0	0	0	0
Office of Research and Development Central Office	93,131	0	93,131	0	0	0	0	0	0	0	0
Veterans Integrated Services Network (VISN) 1: New England Health Care System	270,225	0	270,225	0	0	0	0	0	0	0	0
Bedford Health Care System	15,736	0	15,736	0	0	0	0	0	0	0	0
Boston Health Care System, Jamaica Plain Campus	177,871	0	177,871	0	0	0	0	0	0	0	0
Central Western Massachusetts Health Care	1,433	0	1,433	0	0	0	0	0	0	0	0
Connecticut Health Care System, West Haven Medical Center	44,863	0	44,863	0	0	0	0	0	0	0	0
Manchester Medical Center	188	0	188	0	0	0	0	0	0	0	0
Providence Medical Center	21,665	0	21,665	0	0	0	0	0	0	0	0
Togus Maine Health Care System	279	0	279	0	0	0	0	0	0	0	0
White River Junction Medical Center	8,189	0	8,189	0	0	0	0	0	0	0	0
VISN 2: New York/ New Jersey Veterans Health Care Network	69,701	0	69,701	0	0	0	0	0	0	0	0
Bronx Health Care, James J. Peters Medical Center	35,415	0	35,415	0	0	0	0	0	0	0	0
New Jersey Health Care	6,357	0	6,357	0	0	0	0	0	0	0	0
New York Harbor Health Care	9,496	0	9,496	0	0	0	0	0	0	0	0
Northport Medical Center	4,905	0	4,905	0	0	0	0	0	0	0	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Western New York Health Care, Buffalo Medical Center	13,528	0	13,528	0	0	0	0	0	0	0	0
VISN 4: Health Care	52,200	0	52,200	0	0	0	0	0	0	0	0
Coatesville Medical Center	288	0	288	0	0	0	0	0	0	0	0
Philadelphia Health Care, Corporal Michael J. Crescenz Medical Center	21,933	0	21,933	0	0	0	0	0	0	0	0
Pittsburgh Medical Center-University Drive	29,980	0	29,980	0	0	0	0	0	0	0	0
VISN 5: Capitol Health Care Network	50,089	0	50,089	0	0	0	0	0	0	0	0
Huntington Health Care, Hershel (Woody) Williams Medical Center	1,434	0	1,434	0	0	0	0	0	0	0	0
Maryland Health Care, Baltimore Medical Center	36,010	0	36,010	0	0	0	0	0	0	0	0
Washington DC Health Care, Washington Medical Center	12,645	0	12,645	0	0	0	0	0	0	0	0
VISN 6: Mid-Atlantic Health Care Network	67,983	0	67,983	0	0	0	0	0	0	0	0
Asheville Health Care, Charles George Medical Center	1,577	0	1,577	0	0	0	0	0	0	0	0
Durham Medical Center	37,821	0	37,821	0	0	0	0	0	0	0	0
Hampton Medical Center	438	0	438	0	0	0	0	0	0	0	0
Richmond Health Care, Hunter Holmes McGuire Hospital	21,184	0	21,184	0	0	0	0	0	0	0	0
Salem Medical Center	3,628	0	3,628	0	0	0	0	0	0	0	0
Salisbury Health Care, W.G. (Bill) Hefner Salisbury Medical Center	3,335	0	3,335	0	0	0	0	0	0	0	0
VISN 7: Southeast Network	98,927	0	98,927	0	0	0	0	0	0	0	0
Atlanta Medical Center	38,529	0	38,529	0	0	0	0	0	0	0	0
Augusta Health Care, Charlie Norwood Medical Center	4,726	0	4,726	0	0	0	0	0	0	0	0
Birmingham Medical Center	11,682	0	11,682	0	0	0	0	0	0	0	0
Charleston Health Care, Ralph H. Johnson Medical Center	36,283	0	36,283	0	0	0	0	0	0	0	0
Columbia South Carolina Health Care, William Jennings Bryan Dorn Medical Center	4,978	0	4,978	0	0	0	0	0	0	0	0
Tuscaloosa Medical Center	2,730	0	2,730	0	0	0	0	0	0	0	0
VISN 8: Sunshine Health Care Network	44,454	0	44,454	0	0	0	0	0	0	0	0
Bay Pines Health Care System	2,768	0	2,768	0	0	0	0	0	0	0	0
Caribbean Health Care System	614	0	614	0	0	0	0	0	0	0	0
Miami Health Care System	14,775	0	14,775	0	0	0	0	0	0	0	0
North Florida/ South Georgia Health Care System	12,859	0	12,859	0	0	0	0	0	0	0	0
Orlando Medical Center	661	0	661	0	0	0	0	0	0	0	0
Tampa Health Care, James A. Haley Veterans' Hospital	12,776	0	12,776	0	0	0	0	0	0	0	0
VISN 9: MidSouth Health Care Network	58,093	0	58,093	0	0	0	0	0	0	0	0
Lexington Medical Center (Troy Bowling Campus)	4,586	0	4,586	0	0	0	0	0	0	0	0
Louisville Health Care, Robley Rex Medical Center	2,358	0	2,358	0	0	0	0	0	0	0	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Memphis Medical Center	9,892	0	9,892	0	0	0	0	0	0	0	0
Mountain Home Health Care, James H. Quillen Medical Center	2,468	0	2,468	0	0	0	0	0	0	0	0
Tennessee Valley Health Care, Nashville Medical Center	38,789	0	38,789	0	0	0	0	0	0	0	0
VISN 10: Health Care System	114,036	0	114,036	0	0	0	0	0	0	0	0
Ann Arbor Health Care System	38,667	0	38,667	0	0	0	0	0	0	0	0
Battle Creek Medical Center	72	0	72	0	0	0	0	0	0	0	0
Cincinnati Medical Center	8,006	0	8,006	0	0	0	0	0	0	0	0
Dayton Medical Center	1,409	0	1,409	0	0	0	0	0	0	0	0
Detroit Health Care, John D. Dingell Medical Center	7,167	0	7,167	0	0	0	0	0	0	0	0
Indiana Health Care, Richard L. Roudebush Medical Center	25,312	0	25,312	0	0	0	0	0	0	0	0
Northeast Ohio Health Care, Louis Stokes Cleveland Medical Center	33,402	0	33,402	0	0	0	0	0	0	0	0
VISN 12: Great Lakes Health Care System	82,101	0	82,101	0	0	0	0	0	0	0	0
Chicago Health Care, Jesse Brown Medical Center	21,999	0	21,999	0	0	0	0	0	0	0	0
Hines Health Care, Edward Hines Junior Hospital	33,940	0	33,940	0	0	0	0	0	0	0	0
Madison Health Care, William S. Middleton Memorial Veterans' Hospital	17,377	0	17,377	0	0	0	0	0	0	0	0
Milwaukee Health Care, Clement J. Zablocki Medical Center	8,785	0	8,785	0	0	0	0	0	0	0	0
VISN 15: Heartland Health Care Network	21,488	0	21,488	0	0	0	0	0	0	0	0
Kansas City Medical Center	11,833	0	11,833	0	0	0	0	0	0	0	0
St. Louis Health Care, John J. Cochran Veterans Hospital	9,656	0	9,656	0	0	0	0	0	0	0	0
VISN 16: South Central Health Care Network	51,791	0	51,791	0	0	0	0	0	0	0	0
Central Arkansas Health Care, Eugene J. Towbin Health Care Center	13,361	0	13,361	0	0	0	0	0	0	0	0
Houston Health Care, Michael E. DeBakey Medical Center	29,915	0	29,915	0	0	0	0	0	0	0	0
Jackson Health Care, G.V. (Sonny) Montgomery Medical Center	918	0	918	0	0	0	0	0	0	0	0
Shreveport Health Care, Overton Brooks Medical Center	559	0	559	0	0	0	0	0	0	0	0
Southeast Louisiana Health Care System	7,038	0	7,038	0	0	0	0	0	0	0	0
VISN 17: Heart of Texas Health Care Network	29,841	0	29,841	0	0	0	0	0	0	0	0
Central Texas Health Care	3,673	0	3,673	0	0	0	0	0	0	0	0
North Texas, Dallas Medical Center	8,563	0	8,563	0	0	0	0	0	0	0	0
South Texas Health Care	17,606	0	17,606	0	0	0	0	0	0	0	0
VISN 19: Rocky Mountain Network	113,261	0	113,261	0	0	0	0	0	0	0	0
Eastern Colorado, Rocky Mountain Regional Medical Center	38,978	0	38,978	0	0	0	0	0	0	0	0
Eastern Oklahoma, Jack C. Montgomery Medical Center	417	0	417	0	0	0	0	0	0	0	0
Oklahoma City Medical Center	10,079	0	10,079	0	0	0	0	0	0	0	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Salt Lake City Health Care	63,786	0	63,786	0	0	0	0	0	0	0	0
VISN 20: Northwest Network	121,196	0	121,196	0	0	0	0	0	0	0	0
Boise Medical Center	3,572	0	3,572	0	0	0	0	0	0	0	0
Portland Health Care System	51,926	0	51,926	0	0	0	0	0	0	0	0
Puget Sound Health Care, Seattle Medical Center	65,698	0	65,698	0	0	0	0	0	0	0	0
VISN 21: Sierra Pacific Network	199,694	0	199,694	0	0	0	0	0	0	0	0
Central California Health Care System	360	0	360	0	0	0	0	0	0	0	0
Northern California Health Care System	7,573	0	7,573	0	0	0	0	0	0	0	0
Pacific Islands Health Care System	1,119	0	1,119	0	0	0	0	0	0	0	0
Palo Alto Health Care System	112,440	0	112,440	0	0	0	0	0	0	0	0
San Francisco Health Care System	76,852	0	76,852	0	0	0	0	0	0	0	0
Sierra Nevada Health Care System	562	0	562	0	0	0	0	0	0	0	0
Southern Nevada Health Care System	787	0	787	0	0	0	0	0	0	0	0
VISN 22: Desert Pacific Health Care Network	166,353	0	166,353	0	0	0	0	0	0	0	0
Greater Los Angeles, West Los Angeles Medical Center	40,308	0	40,308	0	0	0	0	0	0	0	0
Loma Linda Health Care System	6,823	0	6,823	0	0	0	0	0	0	0	0
Long Beach Health Care System	12,020	0	12,020	0	0	0	0	0	0	0	0
New Mexico Health Care System	38,271	0	38,271	0	0	0	0	0	0	0	0
Phoenix Health Care System	4,820	0	4,820	0	0	0	0	0	0	0	0
San Diego Health Care System	58,562	0	58,562	0	0	0	0	0	0	0	0
Southern Arizona Health Care System	5,549	0	5,549	0	0	0	0	0	0	0	0
VISN 23: Midwest Health Care Network	59,407	0	59,407	0	0	0	0	0	0	0	0
Fargo Health Care System	293	0	293	0	0	0	0	0	0	0	0
Minneapolis Health Care System	32,577	0	32,577	0	0	0	0	0	0	0	0
Nebraska-Western Iowa Health Care System	25,622	0	25,622	0	0	0	0	0	0	0	0
Sioux Falls Health Care System	871	0	871	0	0	0	0	0	0	0	0
St. Cloud Health Care	43	0	43	0	0	0	0	0	0	0	0
Other agencies	4,221,857	43,442	130,590	4,497	548,372	2,469	1,135,629	0	47,172	2,280,376	29,310
Environmental Protection Agency	324,660	39,035	89,237	4,447	133,801	2,469	7,752	0	1,875	46,044	0
Center for Computational Toxicology and Exposure	56,620	6,808	15,563	776	23,334	431	1,352	0	327	8,030	0
Center for Environmental Measurement and Modeling	87,706	10,545	24,107	1,201	36,146	667	2,094	0	507	12,439	0
Center for Environmental Solutions and Emergency Response	64,165	7,715	17,637	879	26,444	488	1,532	0	371	9,100	0
Center for Public Health and Environmental Assessment	92,644	11,139	25,465	1,269	38,181	705	2,212	0	535	13,139	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Office of Science Advisor, Policy, and Engagement	23,525	2,828	6,466	322	9,695	179	562	0	136	3,336	0
Federal Trade Commission	834	0	14	50	0	0	0	0	755	0	15
Library of Congress	8,841 i	0 i	0 i	0 i	0 i	0 i	7,522 i	0 i	0 i	0 i	1,319 i
National Aeronautics and Space Administration	3,719,172	0	32,810	0	367,214	0	1,087,034	0	0	2,228,639	3,475
Ames Research Center	286,233	0	21,275	0	7,765	0	65,286	0	0	191,360	547
Armstrong (Dryden) Flight Research Center	81,935	0	0	0	1,697	0	17	0	0	80,221	0
Glenn Research Center	213,894	0	0	0	1,743	0	21,793	0	0	190,358	0
Goddard Space Flight Center	1,057,584	0	0	0	176,215	0	600,623	0	0	278,774	1,972
Johnson Space Center	484,227	0	3,334	0	8,564	0	53,501	0	0	418,550	277
Kennedy Space Center	215,813	0	8,187	0	20,928	0	153,176	0	0	33,522	0
Langley Research Center	254,335	0	3	0	30,021	0	21,956	0	0	201,945	411
Marshall Space Flight Center	812,864	0	11	0	12,667	0	107,063	0	0	692,855	268
NASA Headquarters	301,195	0	0	0	107,605	0	63,609	0	0	129,981	0
Stennis Space Center	11,092	0	0	0	10	0	9	0	0	11,073	0
Smithsonian Institution	168,350	4,407	8,528	0	47,357	0	33,320	0	44,541	5,694	24,502
Office of Academic, Interns, and Fellowship	1,195	0	0	0	0	0	826	0	368	0	0
Under Secretary for Finance and Administration	13,332	0	0	0	0	0	0	0	0	0	13,332
Information Technology	13,332	0	0	0	0	0	0	0	0	0	13,332
Under Secretary for Museums and Culture	39,086	0	0	0	0	0	0	0	36,810	0	2,277
Asian Pacific American Center	243	0	0	0	0	0	0	0	243	0	0
National Museum of African American History	9,671	0	0	0	0	0	0	0	9,671	0	0
National Museum of Asian Art	1,021	0	0	0	0	0	0	0	994	0	27
National Museum of African Art	1,101	0	0	0	0	0	0	0	1,101	0	0
National Museum of American History	10,022	0	0	0	0	0	0	0	9,990	0	33
National Museum of American Indian	8,422	0	0	0	0	0	0	0	8,422	0	0
National Museum of American Latino	1,442	0	0	0	0	0	0	0	1,442	0	0
National Portrait Gallery	1,441	0	0	0	0	0	0	0	1,441	0	0
National Postal Museum	277	0	0	0	0	0	0	0	0	0	277
Smithsonian American Art Museum	3,506	0	0	0	0	0	0	0	3,506	0	0
Smithsonian American Women's History Museum	1,940	0	0	0	0	0	0	0	0	0	1,940
Under Secretary for Science and Research	114,737	4,407	8,528	0	47,357	0	32,494	0	7,364	5,694	8,893
Museum Conservation Institute	1,735	0	0	0	0	0	0	0	0	0	1,735
National Air and Space Museum	7,853	0	0	0	2,159	0	0	0	0	5,694	0

Table 7. Federal facility expenditures for R&D performed by the facility, by R&D field: FY 2024

(Thousands of dollars)

Agency or facility	All R&D expenditures	R&D field									
		Agricultural sciences and natural resources and conservation	Biological, biomedical, and health sciences	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
National Museum of Natural History	27,611	4,407	1,049	0	3,122	0	16,831	0	0	0	2,202
National Zoological Park/ Smithsonian Conservation Biology Institute	8,183	0	0	0	0	0	6,876	0	0	0	1,308
Office of Global Affairs	2,234	0	0	0	0	0	0	0	2,234	0	0
Smithsonian Astrophysical Observatory	42,586	0	0	0	42,068	0	0	0	0	0	517
Smithsonian Environmental Research Center	5,762	0	5,762	0	0	0	0	0	0	0	0
Smithsonian Libraries and Archives	6,416	0	0	0	0	0	0	0	5,130	0	1,286
Smithsonian Tropical Research Institute	12,356	0	1,717	0	7	0	8,787	0	0	0	1,845

i = more than 50% of the estimate is imputed, including cases where there is only one facility listed and its data are imputed. NA = not available; imputed data not reported at this level.

[a] Naval Medical Research Command headquarters and its subfacilities responded separately to the survey. Data displayed for the Naval Medical Research Command include both the headquarters and listed subfacilities totals.

Source(s):
National Center for Science and Engineering Statistics, Federal Facilities Research and Development Survey, FY 2024.