Table 3. Federal facility expenditures for R&D performed by the facility: FY 2022 and FY 2024

(Thousands of dollars)

Agency or facility	FY 2022	FY 2024
All agencies	37,370,105	49,095,133
Department of Agriculture	1,685,343	1,248,585
Agricultural Research Service	1,237,476	835,752
Midwest Area	165,788	131,193
Northeast Area	261,199	161,648
Pacific West Area	208,801	169,342
Plains Area	314,563	182,884
Southeast Area	287,125	190,685
Animal and Plant Health Inspection Service	48,982	47,219
Forest Pest Methods Laboratory	6,618	10,149
Insect Management and Molecular Diagnostics Laboratory	1,358	3,436
National Veterinary Services Laboratories/ Center for Veterinary Biologics	5,790	11,629
National Wildlife Research Center	33,101	15,787
Plant Pathogen Confirmatory Diagnostics Laboratory	1,665	5,723
Treatment and Inspection Methods Laboratory	450	NA
Economic Research Service	78,038	89,757
Forest Service	299,844	252,761
Forest Products Laboratory	19,275	20,737
International Institute of Tropical Forestry	7,856	5,261
Northern Research Station	53,497	50,270
Pacific Northwest Research Station	52,212	40,421
Pacific Southwest Research Station	22,703	19,484
Rocky Mountain Research Station	76,579	54,753
Southern Research Station	50,301	43,699
Washington Office Research and Development	17,420	18,136
National Agricultural Statistics Service	10,226	10,576
Natural Resources Conservation Service	10,777	12,519
Plant Materials Center	10,258	11,490
Soil Science Research Branch	520	1,029
Department of Commerce	1,318,875	1,663,108
Census Bureau	156,946	355,462
National Institute of Standards and Technology	660,622	788,920
National Oceanic and Atmospheric Administration	493,997	508,287
National Environmental Satellite, Data, and Information Service	33,185	31,645
Center for Satellite Applications and Research	27,813	26,024
National Centers for Environmental Information	5,372	5,621
National Marine Fisheries Service	45,509	48,840
Alaska Fisheries Science Center	10,842	10,959
Northeast Fisheries Science Center	6,421	8,355
Northwest Fisheries Science Center	5,252	9,839
Office of Protected Resources	767	212
Office of Science and Technology	3,037	959
Office of Sustainable Fisheries	858	625
Pacific Island Fisheries Science Center	4,380	4,730
Southeast Fisheries Science Center	8,142	6,754
Southwest Fisheries Science Center	5,811	6,408
National Ocean Service	44,598	73,898
Center for Operational Oceanographic Products and Services	1,392	2,383
National Centers for Coastal Ocean Science	27,813	52,173
National Geodetic Survey	7,123	7,138
Office for Coastal Management	143	6,040
Office of Response and Restoration	1,213	2,352
Office of the Coast Survey	6,914	3,811

Table 3. Federal facility expenditures for R&D performed by the facility: FY 2022 and FY 2024

(Thousands of dollars)

Agency or facility	FY 2022		FY 2024	
National Weather Service	13,953		33,403	
National Centers for Environmental Prediction	11,695		20,311	
Office of Science and Technology Integration	2,258		13,092	
Oceanic and Atmospheric Research	336,599		296,268	
Air Resources Laboratory	8,013		12,291	
Atlantic Oceanographic and Meteorological Laboratory	25,169		20,259	
Chemical Sciences Laboratory	21,670		14,181	
Climate Program Office	36,844		23,199	
Earth System Research Laboratories	2,995		3,874	
Geophysical Fluid Dynamics Laboratory	26,840		29,956	
Global Monitoring Laboratory	18,811		20,188	
Global Ocean Monitoring and Observing Program	16,745		21,851	
Global Systems Laboratory	15,959		22,614	
Great Lakes Environmental Research Laboratory	12,660		18,185	
National Sea Grant College Program	21,562		3,136	
National Severe Storms Laboratory	26,747		23,501	
Ocean Acidification Program	1,475		2,309	
Office of Ocean Exploration and Research	24,242		10,414	
Office of Research Transition and Application	7,988		3,794	
Pacific Marine Environment Laboratory	26,030		24,213	
Physical Sciences Laboratory	19,840		20,646	
Weather Program Office	23,007		21,658	
Office of Marine and Aviation Operations	20,152		24,232	
National Oceanic and Atmospheric Administration Corps	20,152		24,232	
National Telecommunications and Information Administration	7,310	i	10,439	
Institute for Telecommunication Sciences	NA		10,439	
Department of Defense	23,837,933		34,778,419	
Defense Information Systems Agency	64,816		63,979	
Department of the Air Force[a]	8,778,473	i	18,203,631	
Air Combat Command	-		2,339	
Air Education Training Command	-		1,235	
Air Force - Manpower and Reserve Affairs	-		149	
Air Force Global Strike Command	-		169	
Air Force Operational Test and Evaluation	-		34,000	
Air Force Transportation Command	-		23,623	
HQ Air Force Materiel Command	-		15,763,850	
Air Force Materiel Command (AFMC)	-		14,150,797	
Air Force Research Lab - U.S. Air Force projects	-		1,613,053	
Space Force	2,413,651		2,371,326	
Air Force Research Lab - U.S. Space Force projects	-		216,170	
Space Development Agency	-		41,852	
Space Operations Command	-		91,918	
Space Systems Command	2,413,651		2,021,386	
U.S. Space Command	-		6,941	
Department of the Army	5,816,747		5,082,913	
Army Cyber Command	NA		NA	
Army Engineer Research and Development Center	725,537		757,280	
Army Medical Research and Development Command	472,520		458,275	
Army Research Institute for the Behavioral and Social Sciences	NA		18,817	
Combat Capabilities Development Command (DEVCOM)	3,630,576		3,560,575	
Armaments Center	708,689		257,297	
Army Research Laboratory	251,882		408,678	
Aviation and Missile Center	1,920,096		1,580,036	

Table 3. Federal facility expenditures for R&D performed by the facility: FY 2022 and FY 2024

(Thousands of dollars)

Agency or facility	FY 2022	FY 2024	
Chemical Biological Center	102,085	103,099	
Command, Control, Communications, Computers, Cyber, Intelligence, Surveillance, and Reconnaissance Center	214,162	665,954	
Data and Analysis Center	10,018	142,267	
DEVCOM Headquarters	88,100	35,571	
Ground Vehicle Systems Center	236,569	276,786	
Soldier Center	98,974	90,887	
Space and Missile Defense Command	77,414	85,556	
Department of the Navy	5,783,576	7,393,087	
Bureau of Medicine and Surgery	129,796	123,045	
Naval Medical Research Command[b]	129,796	123,045	
Naval Health Research Center	26,826	24,802	
Naval Medical Research Unit - Dayton	22,122	NA	
Naval Medical Research Unit - INDO PACIFIC	1,314	NA	
Naval Medical Research Unit - San Antonio	11,803	NA	
Naval Medical Research Unit - South	9,466	10,701	
Naval Submarine Medical Research Laboratory	8,990	9,132	
Marine Corps	NA	1,235	
Naval Air Warfare Center Aircraft Division	857,385	1,198,012	
Naval Air Warfare Center Weapon Division	777,721	821,934	
Naval Facilities Engineering and Expeditionary Warfare Center	57,092	29,000	
Naval Information Warfare Systems Command	565,094	636,194	
Naval Information Warfare Center Atlantic	145,315	132,424	
Naval Information Warfare Center Pacific	419,779	503,770	
Naval Observatory	NA	1,562	
Naval Oceanographic Office	NA	19,533	
Naval Sea Systems Command Warfare Centers	2,180,415	3,841,762	
Naval Surface Warfare Center	1,842,591	3,164,754	
Naval Undersea Warfare Center	337,824	677,008	
Office of Naval Research	868,240	720,810	
Naval Research Laboratory	868,240	720,810	
Missile Defense Agency	3,394,320	4,034,808	
Department of Energy	100,005	49,252	i
National Energy Technology Laboratory	100,005	NA	
Department of Health and Human Services	3,315,153	4,818,697	
Centers for Disease Control and Prevention	100,810	107,535	
National Center for Emerging and Zoonotic Infectious Diseases	3,094	18,006	
National Center for HIV, Viral Hepatitis, STD, and Tuberculosis Prevention	28,238	34,183	
National Center on Birth Defects and Developmental Disabilities	243	243	
National Institute for Occupational Safety and Health	69,235	55,103	
Food and Drug Administration	458,410	510,332	
Center for Biologics Evaluation and Research	66,565	69,085	
Center for Devices and Radiological Health	7,913	51,000	
Center for Drug Evaluation and Research	73,608	76,826	
Center for Food Safety and Applied Nutrition	95,059	75,000	
Center for Tobacco Products	93,521	111,561	
Center for Veterinary Medicine	20,184	32,000	
National Center for Toxicological Research	88,645	88,065	
Office of Regulatory Affairs	3,000	5,199	
Oncology Center of Excellence	9,915	1,596	
National Institutes of Health	2,755,933	4,200,830	
Clinical Center	618,605	693,747	
Eunice Kennedy Shriver National Institute of Child Health and Human Development	221,061	245,638	

Table 3. Federal facility expenditures for R&D performed by the facility: FY 2022 and FY 2024

(Thousands of dollars)

Agency or facility	FY 2022	FY 2024	
National Cancer Institute	104,607	1,093,879	
National Center for Advancing Translational Sciences	150,884	181,750	
National Center for Complementary and Integrative Health	15,500	5,354	
National Eye Institute	105,189	120,483	
National Heart, Lung, and Blood Institute	173,071	189,805	
National Human Genome Research Institute	133,478	162,753	
National Institute of Allergy and Infectious Diseases	425,092	551,631	
National Institute of Arthritis and Musculoskeletal and Skin Diseases	57,611	66,634	
National Institute of Biomedical Imaging and Bioengineering	5,900	7,900	
National Institute of Dental and Craniofacial Research	70,666	78,988	
National Institute of Diabetes and Digestive and Kidney Diseases	142,684	NA	
National Institute of Environmental Health Sciences	124,012	140,737	
National Institute of Mental Health	1,128	663	
National Institute of Neurological Disorders and Stroke	217,704	229,097	
National Institute of Nursing Research	3,923	11,353	
National Institute on Aging	4,299	7,183	
National Institute on Alcohol Abuse and Alcoholism	48,509	NA	
National Institute on Deafness and Other Communication Disorders	29,974	34,240	
National Institute on Drug Abuse	66,351	67,053	
National Institute on Minority Health and Health Disparities	9,919	13,897	
National Library of Medicine	25,766	NA	
Department of Homeland Security	37,800	21,908	
Coast Guard	17,500	2,207	
Acquisition Directorate, Research and Development Center	17,500	2,207	
Science and Technology Directorate	20,300	19,701	
Office of National Laboratories	20,300	19,701	
Chemical Security Analysis Center	4,390	4,393	
National Urban Security Technology Laboratory	3,480	4,073	
Plum Island Animal Disease Center	1,550	1,235	
Transportation Security Laboratory	10,880	10,000	
Department of the Interior	1,170,882	395,747	
Bureau of Land Management	301	60	
Bureau of Ocean Energy Management	36,016	ne	
Bureau of Reclamation	16,124	13,917	
Fish and Wildlife Service	24,000	1,843	
Geological Survey	1,079,102	378,123	
Core Science Systems Mission Area	126,178	30,369	
Ecosystems Mission Area	387,056	170,341	
Energy and Minerals Mission Area	88,126	40,637	
Natural Hazards Mission Area	156,535	77,159	
Water Resources Mission Area	321,206	59,617	
National Park Service	15,339	1,803	
Department of Transportation	129,610	133,591	
Federal Aviation Administration	74,873	45,899	i
Office of Aerospace Medicine	16,319	NA	
Office of NextGen	58,554	NA	
Federal Highway Administration	31,961	33,508	
Intelligence Transportation Systems Joint Program Office	15,026	13,977	
Office of Administrations	11,000	11,000	
Office of Operations	1,999	3	
Office of Planning	653	414	
Office of Research, Development, and Technology	3,283	8,114	
National Highway Traffic Safety Administration	3,634	38,909	

Table 3. Federal facility expenditures for R&D performed by the facility: FY 2022 and FY 2024

(Thousands of dollars)

Agency or facility	FY 2022		FY 2024	
Office of Vehicle Safety Research	3,634		38,909	
Vehicle Research and Test Center	3,634		38,909	
Office of the Secretary for Research and Technology	19,142	i	15,275	i
John A. Volpe National Transportation Systems Center	NA		NA	
Department of Veterans Affairs	1,529,302		1,763,971	
Office of Research and Development Central Office	113,943		93,131	
Veterans Integrated Services Network (VISN) 1: New England Health Care System	248,067		270,225	
Bedford Health Care System	12,543		15,736	
Boston Health Care System, Jamaica Plain Campus	159,315		177,871	
Central Western Massachusetts Health Care	1,613		1,433	
Connecticut Health Care System, West Haven Medical Center	45,873		44,863	
Manchester Medical Center	144		188	
Providence Medical Center	19,570		21,665	
Togus Maine Health Care System	292		279	
White River Junction Medical Center	8,717		8,189	
VISN 2: New York/ New Jersey Veterans Health Care Network	53,168		69,701	
Bronx Health Care, James J. Peters Medical Center	27,179		35,415	
New Jersey Health Care	6,282		6,357	
New York Harbor Health Care	7,626		9,496	
Northport Medical Center	4,139		4,905	
Western New York Health Care, Buffalo Medical Center	7,942		13,528	
VISN 4: Health Care	44,924		52,200	
Coatesville Medical Center	154		288	
Philadelphia Health Care, Corporal Michael J. Crescenz Medical Center	20,663		21,933	
Pittsburgh Medical Center-University Drive	24,093		29,980	
Wilkes-Barre Medical Center	14		ne	
VISN 5: Capitol Health Care Network	40,732		50,089	
Huntington Health Care, Hershel (Woody) Williams Medical Center	1,223		1,434	
Maryland Health Care, Baltimore Medical Center	23,383		36,010	
Washington DC Health Care, Washington Medical Center	16,126		12,645	
VISN 6: Mid-Atlantic Health Care Network	55,346		67,983	
Asheville Health Care, Charles George Medical Center	778		1,577	
Durham Medical Center	33,256		37,821	
Hampton Medical Center	250		438	
Richmond Health Care, Hunter Holmes McGuire Hospital	13,915		21,184	
Salem Medical Center	3,703		3,628	
Salisbury Health Care, W.G. (Bill) Hefner Salisbury Medical Center	3,443		3,335	
VISN 7: Southeast Network	88,038		98,927	
Atlanta Medical Center	33,002		38,529	
Augusta Health Care, Charlie Norwood Medical Center	5,240		4,726	
Birmingham Medical Center	11,113		11,682	
Charleston Health Care, Ralph H. Johnson Medical Center	31,940		36,283	
Columbia South Carolina Health Care, William Jennings Bryan Dorn Medical Center	4,253		4,978	
Tuscaloosa Medical Center	2,490		2,730	
VISN 8: Sunshine Health Care Network	39,065		44,454	
Bay Pines Health Care System	2,316		2,768	
Caribbean Health Care System	526		614	
Miami Health Care System	11,126		14,775	
North Florida/ South Georgia Health Care System	12,506		12,859	
Orlando Medical Center	592		661	
Tampa Health Care, James A. Haley Veterans' Hospital	11,999		12,776	
VISN 9: MidSouth Health Care Network	51,828		58,093	
Lexington Medical Center (Troy Bowling Campus)	5,146		4,586	

Table 3. Federal facility expenditures for R&D performed by the facility: FY 2022 and FY 2024

(Thousands of dollars)

Agency or facility	FY 2022	FY 2024
Louisville Health Care, Robley Rex Medical Center	3,476	2,358
Memphis Medical Center	7,373	9,892
Mountain Home Health Care, James H. Quillen Medical Center	3,218	2,468
Tennessee Valley Health Care, Nashville Medical Center	32,614	38,789
VISN 10: Health Care System	107,300	114,036
Ann Arbor Health Care System	31,274	38,667
Battle Creek Medical Center	5	72
Cincinnati Medical Center	7,700	8,006
Dayton Medical Center	1,167	1,409
Detroit Health Care, John D. Dingell Medical Center	9,562	7,167
Indiana Health Care, Richard L. Roudebush Medical Center	27,341	25,312
Northeast Ohio Health Care, Louis Stokes Cleveland Medical Center	30,251	33,402
VISN 12: Great Lakes Health Care System	75,386	82,101
Chicago Health Care, Jesse Brown Medical Center	19,642	21,999
Hines Health Care, Edward Hines Junior Hospital	29,727	33,940
Madison Health Care, William S. Middleton Memorial Veterans' Hospital	18,242	17,377
Milwaukee Health Care, Clement J. Zablocki Medical Center	7,776	8,785
VISN 15: Heartland Health Care Network	12,330	21,488
Kansas City Medical Center	4,515	11,833
St. Louis Health Care, John J. Cochran Veterans Hospital	7,814	9,656
VISN 16: South Central Health Care Network	47,956	51,791
Central Arkansas Health Care, Eugene J. Towbin Health Care Center	13,208	13,361
Houston Health Care, Michael E. DeBakey Medical Center	26,763	29,915
Jackson Health Care, G.V. (Sonny) Montgomery Medical Center	1,119	918
Shreveport Health Care, Overton Brooks Medical Center	497	559
Southeast Louisiana Health Care System	6,368	7,038
VISN 17: Heart of Texas Health Care Network	27,491	29,841
Central Texas Health Care	3,132	3,673
North Texas, Dallas Medical Center	6,955	8,563
South Texas Health Care	17,403	17,606
VISN 19: Rocky Mountain Network	90,167	113,261
Eastern Colorado, Rocky Mountain Regional Medical Center	33,422	38,978
Eastern Oklahoma, Jack C. Montgomery Medical Center	436	417
Oklahoma City Medical Center	8,676	10,079
Salt Lake City Health Care	47,633	63,786
VISN 20: Northwest Network	111,071	121,196
Boise Medical Center	2,749	3,572
Portland Health Care System	48,302	51,926
Puget Sound Health Care, Seattle Medical Center	60,019	65,698
VISN 21: Sierra Pacific Network	148,509	199,694
Central California Health Care System	409	360
Northern California Health Care System	7,744	7,573
Pacific Islands Health Care System	2,180	1,119
Palo Alto Health Care System	74,320	112,440
San Francisco Health Care System	62,638	76,852
Sierra Nevada Health Care System	577	562
Southern Nevada Health Care System	640	787
VISN 22: Desert Pacific Health Care Network	136,105	166,353
Greater Los Angeles, West Los Angeles Medical Center	31,993	40,308
Loma Linda Health Care System	5,570	6,823
Long Beach Health Care System	8,534	12,020
New Mexico Health Care System	26,569	38,271
Phoenix Health Care System	3,448	4,820

Table 3. Federal facility expenditures for R&D performed by the facility: FY 2022 and FY 2024

(Thousands of dollars)

Agency or facility	FY 2022		FY 2024	
San Diego Health Care System	55,386		58,562	
Southern Arizona Health Care System	4,606		5,549	
VISN 23: Midwest Health Care Network	37,877		59,407	
Fargo Health Care System	144		293	
Minneapolis Health Care System	26,578		32,577	
Nebraska-Western Iowa Health Care System	10,283		25,622	
Sioux Falls Health Care System	823		871	
St. Cloud Health Care	49		43	
Other agencies	4,245,202		4,221,857	
Environmental Protection Agency	292,399		324,660	
Center for Computational Toxicology and Exposure	54,685		56,620	
Center for Environmental Measurement and Modeling	84,799		87,706	
Center for Environmental Solutions and Emergency Response	52,849		64,165	
Center for Public Health and Environmental Assessment	82,802		92,644	
Office of Science Advisor, Policy, and Engagement	17,264		23,525	
Federal Trade Commission	1,492	i	834	
Library of Congress	2,902		8,841	i
National Aeronautics and Space Administration	3,764,686		3,719,172	
Ames Research Center	276,848		286,233	
Armstrong (Dryden) Flight Research Center	28,301		81,935	
Glenn Research Center	240,357		213,894	
Goddard Space Flight Center	1,067,753		1,057,584	
Johnson Space Center	799,127		484,227	
Kennedy Space Center	178,778		215,813	
Langley Research Center	240,270		254,335	
Marshall Space Flight Center	691,175		812,864	
NASA Headquarters	233,119		301,195	
Stennis Space Center	8,957		11,092	
Smithsonian Institution[a]	183,723	i	168,350	
Office of Academic, Interns, and Fellowship	-		1,195	
Under Secretary for Finance and Administration	-		13,332	
Information Technology	-		13,332	
Under Secretary for Museums and Culture	-		39,086	
Asian Pacific American Center	-		243	
National Museum of African American History	-		9,671	
National Museum of Asian Art	-		1,021	
National Museum of African Art	-		1,101	
National Museum of American History	-		10,022	
National Museum of American Indian	-		8,422	
National Museum of American Latino	-		1,442	
National Portrait Gallery	-		1,441	
National Postal Museum	-		277	
Smithsonian American Art Museum	-		3,506	
Smithsonian American Women's History Museum	-		1,940	
Under Secretary for Science and Research	-		114,737	
Museum Conservation Institute	-		1,735	
National Air and Space Museum	-		7,853	
National Museum of Natural History	-		27,611	
National Zoological Park/ Smithsonian Conservation Biology Institute	-		8,183	
Office of Global Affairs	-		2,234	
Smithsonian Astrophysical Observatory	-		42,586	
Smithsonian Environmental Research Center	-		5,762	
Smithsonian Libraries and Archives	-		6,416	

Table 3. Federal facility expenditures for R&D performed by the facility: FY 2022 and FY 2024

(Thousands of dollars)

Agency or facility	FY 2022	FY 2024
Smithsonian Tropical Research Institute	-	12,356

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. ne = not eligible; facility did not meet the criteria for inclusion.

[a] Department of the Air Force and Smithsonian Institution have reporting changes across years that preclude reporting subfacility expenditures for FY 2022.
[b] 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.