

TABLE 39

Federal obligations for experimental development, by agency and field of R&D: FY 2023

(Dollars in thousands)

| Agency | Total | Computer and information sciences | Geosciences, atmospheric sciences, and ocean sciences | Life sciences | Mathematics and statistics | Physical sciences | Psychology | Social sciences | Engineering | Other fields |
|--|------------|-----------------------------------|---|---------------|----------------------------|-------------------|------------|-----------------|-------------|--------------|
| All agencies | 84,808,714 | 3,631,502 | 960,187 | 5,687,969 | 281,582 | 3,958,053 | 447,640 | 177,885 | 51,424,175 | 18,239,721 |
| Departments | | | | | | | | | | |
| Department of Agriculture | 304,196 | 47,920 | 1,436 | 63,718 | 0 | 1,598 | 0 | 11,905 | 3,194 | 174,424 |
| Agricultural Marketing Service | 6,638 | 0 | 0 | 6,638 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agricultural Research Service | 174,424 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 174,424 |
| Animal and Plant Health Inspection Service | 22,329 | 0 | 0 | 22,329 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forest Service | 95,668 | 42,783 | 1,436 | 34,751 | 0 | 1,598 | 0 | 11,905 | 3,194 | 0 |
| National Agricultural Statistics Service | 5,137 | 5,137 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Commerce | 469,020 | 50,482 | 204,908 | 14,817 | 6,006 | 7,742 | 0 | 87,308 | 92,106 | 5,651 |
| Census Bureau | 133,152 | 49,816 | 0 | 0 | 5,415 | 0 | 0 | 77,911 | 0 | 10 |
| National Institute of Standards and Technology | 89,625 | 0 | 0 | 156 | 259 | 4,082 | 0 | 0 | 85,127 | 0 |
| National Oceanic and Atmospheric Administration | 240,760 | 665 | 204,908 | 14,661 | 333 | 3,659 | 0 | 9,396 | 1,497 | 5,640 |
| National Telecommunications and Information Administration | 5,482 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,482 | 0 |
| Department of Defense | 74,312,118 | 3,300,055 | 293,583 | 5,407,123 | 273,064 | 1,887,976 | 447,640 | 73,016 | 46,136,596 | 16,493,065 |
| Defense Advanced Research Projects Agency | 1,871,560 | 97,770 | 0 | 270 | 0 | 220,981 | 0 | 0 | 863,797 | 688,742 |
| Defense Health Agency | 2,428,431 | 85,306 | 0 | 2,324,986 | 0 | 7,903 | 0 | 0 | 25 | 10,210 |
| Department of the Air Force | 12,233,757 | 409,573 | 2,121 | 25,635 | 11,789 | 142,061 | 0 | 0 | 9,708,933 | 1,933,645 |
| Department of the Army | 12,304,407 | 1,599,028 | 116,207 | 2,450,406 | 259,779 | 938,847 | 440,361 | 58,958 | 979,457 | 5,461,363 |
| Department of the Navy | 19,356,146 | 189,991 | 117,233 | 65,645 | 0 | 155,858 | 6,029 | 5,922 | 13,783,962 | 5,031,505 |
| Space Force | 8,215,715 | 0 | 20,439 | 0 | 0 | 0 | 0 | 0 | 6,617,369 | 1,577,907 |
| Other defense agencies | 17,902,103 | 918,387 | 37,582 | 540,180 | 1,496 | 422,325 | 1,250 | 8,137 | 14,183,053 | 1,789,692 |
| Department of Education | 88,965 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88,965 |
| Department of Energy | 3,571,335 | 75,060 | 29,621 | 6,656 | 422 | 106,613 | 0 | 0 | 3,293,425 | 59,537 |
| Advanced Research Projects Agency—Energy | 235,264 | 11,164 | 269 | 6,656 | 0 | 25,622 | 0 | 0 | 191,553 | 0 |
| Electricity Delivery and Energy Reliability | 77,114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77,114 | 0 |
| Energy Efficiency and Renewable Energy | 1,700,732 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,700,732 | 0 |
| Environmental Management | 24,869 | 0 | 24,869 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| National Nuclear Security Administration | 1,289,930 | 20,719 | 4,483 | 0 | 422 | 80,991 | 0 | 0 | 1,123,778 | 59,537 |
| Defense Programs | 472,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 472,600 | 0 |
| Naval Nuclear Propulsion Program | 700,073 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 641,548 | 58,525 |
| Office of Defense Nuclear Nonproliferation | 117,257 | 20,719 | 4,483 | 0 | 422 | 80,991 | 0 | 0 | 9,630 | 1,012 |
| Nuclear Energy | 200,248 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200,248 | 0 |
| Office of Cybersecurity, Energy Security, and Emergency Response | 43,178 | 43,178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Health and Human Services | 46,635 | 36,055 | 0 | 8,299 | 119 | 0 | 0 | 0 | 2,161 | 0 |
| Agency for Healthcare Research and Quality | 36,055 | 36,055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Centers for Disease Control and Prevention | 10,580 | 0 | 0 | 8,299 | 119 | 0 | 0 | 0 | 2,161 | 0 |

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(Dollars in thousands)

| Agency | Total | Computer and information sciences | Geosciences, atmospheric sciences, and ocean sciences | Life sciences | Mathematics and statistics | Physical sciences | Psychology | Social sciences | Engineering | Other fields |
|--|-----------|-----------------------------------|---|---------------|----------------------------|-------------------|------------|-----------------|-------------|--------------|
| Department of Homeland Security | 391,923 | 118,313 | 19,194 | 4,771 | 1,000 | 58,599 | 0 | 1,298 | 100,214 | 88,534 |
| Countering Weapons of Mass Destruction Office | 28,385 | 0 | 0 | 0 | 0 | 28,385 | 0 | 0 | 0 | 0 |
| Cybersecurity and Infrastructure Security Agency | 4,563 | 4,563 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Science and Technology Directorate | 323,416 | 95,750 | 19,194 | 4,771 | 0 | 26,214 | 0 | 1,298 | 91,654 | 84,534 |
| Secret Service | 3,560 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,560 | 0 |
| Transportation Security Administration | 32,000 | 18,000 | 0 | 0 | 1,000 | 4,000 | 0 | 0 | 5,000 | 4,000 |
| Department of the Interior | 40,932 | 702 | 13,592 | 17,558 | 0 | 1,284 | 0 | 631 | 7,165 | 0 |
| Bureau of Land Management | 255 | 0 | 0 | 255 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bureau of Reclamation | 4,053 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,053 | 0 |
| Bureau of Safety and Environmental Enforcement | 2,923 | 93 | 299 | 0 | 0 | 818 | 0 | 0 | 1,714 | 0 |
| Geological Survey | 33,701 | 610 | 13,293 | 17,303 | 0 | 466 | 0 | 631 | 1,399 | 0 |
| Department of Justice | 12,523 | 1,167 | 0 | 4,210 | 0 | 5,180 | 0 | 1,955 | 0 | 11 |
| Bureau of Prisons | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Office of Justice Programs | 12,511 | 1,167 | 0 | 4,210 | 0 | 5,180 | 0 | 1,955 | 0 | 0 |
| Department of State | 17,367 | 0 | 0 | 17,367 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Transportation | 267,608 | 0 | 0 | 488 | 0 | 5,950 | 0 | 1,035 | 49,479 | 210,656 |
| Federal Aviation Administration | 207,809 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 207,809 |
| Federal Highway Administration | 42,420 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,420 | 0 |
| Federal Motor Carrier Safety Administration | 5,642 | 0 | 0 | 0 | 0 | 5,642 | 0 | 0 | 0 | 0 |
| Federal Railroad Administration | 3,987 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,708 | 279 |
| Federal Transit Administration | 2,120 | 0 | 0 | 488 | 0 | 0 | 0 | 0 | 526 | 1,107 |
| Pipeline and Hazardous Materials Safety Administration | 5,630 | 0 | 0 | 0 | 0 | 308 | 0 | 1,035 | 2,826 | 1,461 |
| Department of the Treasury | 52,769 | 0 | 0 | 0 | 0 | 51,809 | 0 | 0 | 960 | 0 |
| Bureau of Engraving and Printing | 51,809 | 0 | 0 | 0 | 0 | 51,809 | 0 | 0 | 0 | 0 |
| Mint | 960 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 960 | 0 |
| Department of Veterans Affairs | 35,781 | 0 | 0 | 35,781 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other agencies | | | | | | | | | | |
| Agency for International Development | 52,106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52,106 |
| Environmental Protection Agency | 127,623 | 1,748 | 52,601 | 50,419 | 971 | 3,047 | 0 | 737 | 18,100 | 0 |
| Library of Congress | 2,509 | 0 | 0 | 0 | 0 | 2,509 | 0 | 0 | 0 | 0 |
| National Aeronautics and Space Administration | 4,922,303 | 0 | 345,253 | 56,760 | 0 | 1,825,744 | 0 | 0 | 1,627,775 | 1,066,771 |
| Tennessee Valley Authority | 93,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93,000 | 0 |

Note(s):

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 technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2023–24.