



National Center for Science and
Engineering Statistics

Data Tables Report

Federal R&D Funding, by Budget Function: Fiscal Years 2024–26

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General Notes

This report provides data on the budget authority conferred to U.S. federal agencies to fund the research and development (R&D) and R&D plant components of their programs in FYs 2024–26. *Budget authority* is the primary source of legal authorization to enter into obligations that result in outlays. Budget authority is most commonly granted in the form of appropriations by the congressional committees assigned to determine the budget for each function.

The National Center for Science and Engineering Statistics has reviewed this product for unauthorized disclosure of confidential information and approved its release (NCSES-DRN25-068).

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Table 1. Federal budget authority for R&D and R&D plant, by budget function, ordered by FY 2024 R&D and R&D plant total: FYs 2024–26

(Millions of dollars and percent change)

Budget function	2024 actual	2025 preliminary ^a	2026 proposed	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	199,342	188,596	153,666	-5.4	-18.5
National defense	105,686	96,695	93,385	-8.5	-3.4
Health	47,206	46,613	30,044	-1.3	-35.5
General science and basic research	15,659	14,626	10,147	-6.6	-30.6
Space flight, research, and supporting activities	10,215	10,647	6,822	4.2	-35.9
Energy	6,140	6,004	1,964	-2.2	-67.3
Natural resources and environment	3,247	3,196	1,358	-1.6	-57.5
Agriculture	2,910	2,889	2,451	-0.7	-15.2
Commerce and housing credit	2,639	2,302	2,565	-12.8	11.4
Transportation	2,198	2,234	1,916	1.6	-14.2
Veterans benefits and services	1,826	1,839	1,864	0.7	1.4
Education, training, employment, and social services	819	790	398	-3.5	-49.6
Administration of justice	446	442	400	-0.9	-9.5
International affairs	252	220	252	-12.7	14.5
Income security	95	94	95	-1.1	1.1
Community and regional development	5	5	5	0.0	0.0
Medicare	0	0	0	-	-
R&D	182,441	175,451	136,900	-3.8	-22.0
National defense	95,870	89,745	83,071	-6.4	-7.4
Health	45,623	45,201	26,742	-0.9	-40.8
General science and basic research	13,662	13,259	8,599	-2.9	-35.1
Space flight, research, and supporting activities	10,149	10,595	6,770	4.4	-36.1
Energy	5,996	5,895	1,916	-1.7	-67.5
Natural resources and environment	541	541	369	0.0	-31.8
Agriculture	2,679	2,672	2,277	-0.3	-14.8
Commerce and housing credit	2,479	2,181	2,444	-12.0	12.1
Transportation	2,141	2,157	1,840	0.7	-14.7
Veterans benefits and services	1,826	1,839	1,864	0.7	1.4
Education, training, employment, and social services	792	751	375	-5.2	-50.1
Administration of justice	385	381	335	-1.0	-12.1
International affairs	198	134	198	-32.3	47.8
Income security	95	94	95	-1.1	1.1
Community and regional development	5	5	5	0.0	0.0
Medicare	0	0	0	-	-
R&D plant	16,902	13,145	16,766	-22.2	27.5
National defense	9,816	6,950	10,314	-29.2	48.4
Health	1,583	1,412	3,302	-10.8	133.9
General science and basic research	1,997	1,367	1,548	-31.6	13.3
Space flight, research, and supporting activities	66	52	52	-21.2	0.0
Energy	144	108	48	-24.8	-55.7
Natural resources and environment	2,705	2,655	989	-1.9	-62.8
Agriculture	231	217	174	-6.1	-19.8
Commerce and housing credit	160	121	121	-24.4	0.0
Transportation	57	77	76	35.1	-1.3
Veterans benefits and services	0	0	0	-	-
Education, training, employment, and social services	27	39	23	44.4	-41.0
Administration of justice	61	61	65	0.0	6.6
International affairs	54	86	54	59.3	-37.2
Income security	0	0	0	-	-

Table 1. Federal budget authority for R&D and R&D plant, by budget function, ordered by FY 2024 R&D and R&D plant total: FYs 2024–26

(Millions of dollars and percent change)

Budget function	2024 actual	2025 preliminary ^a	2026 proposed	2024–25 (% change)	2025–26 (% change)
Community and regional development	0	0	0	-	-
Medicare	0	0	0	-	-

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 2. Distribution of federal budget authority for R&D and R&D plant, by budget function, ordered by FY 2024 R&D and R&D plant total: FYs 2024–26

(Percent distribution)

Budget function	2024 actual	2025 preliminary ^a	2026 proposed
R&D and R&D plant	100.0	100.0	100.0
National defense	53.0	51.3	60.8
Health	23.7	24.7	19.6
General science and basic research	7.9	7.8	6.6
Space flight, research, and supporting activities	5.1	5.6	4.4
Energy	3.1	3.2	1.3
Natural resources and environment	1.3	1.2	1.7
Agriculture	1.6	1.7	0.9
Commerce and housing credit	0.9	1.0	1.2
Transportation	1.5	1.5	1.6
Veterans benefits and services	1.1	1.2	1.2
Education, training, employment, and social services	0.4	0.4	0.3
Administration of justice	0.2	0.2	0.3
International affairs	0.1	0.1	0.2
Income security	0.0	0.0	0.0
Community and regional development	0.0	0.0	0.1
Medicare	0.0	0.0	0.0
R&D	100.0	100.0	100.0
National defense	52.5	51.2	60.7
Health	25.0	25.8	19.5
General science and basic research	7.5	7.6	6.3
Space flight, research, and supporting activities	5.6	6.0	4.9
Energy	3.3	3.4	1.4
Natural resources and environment	1.4	1.2	1.8
Agriculture	0.3	0.3	0.3
Commerce and housing credit	1.0	1.0	1.4
Transportation	1.5	1.5	1.7
Veterans benefits and services	1.2	1.2	1.3
Education, training, employment, and social services	0.4	0.4	0.3
Administration of justice	0.2	0.2	0.2
International affairs	0.1	0.1	0.1
Income security	0.0	0.0	0.0
Community and regional development	0.1	0.1	0.1
Medicare	0.0	0.0	0.0
R&D plant	100.0	100.0	100.0
National defense	58.1	52.9	61.5
Health	9.4	10.7	19.7
General science and basic research	11.8	10.4	9.2
Space flight, research, and supporting activities	0.4	0.4	0.3
Energy	0.9	0.8	0.3
Natural resources and environment	0.9	0.9	0.7
Agriculture	16.0	20.2	5.9
Commerce and housing credit	0.0	0.0	0.0
Transportation	1.4	1.7	1.0
Veterans benefits and services	0.3	0.6	0.5
Education, training, employment, and social services	0.2	0.3	0.1
Administration of justice	0.4	0.5	0.4
International affairs	0.3	0.7	0.3
Income security	0.0	0.0	0.0
Community and regional development	0.0	0.0	0.0
Medicare	0.0	0.0	0.0

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 3. Federal budget authority for R&D and R&D plant as a percentage of total budget authority, by budget function, ordered by FY 2024 R&D and R&D plant total: FYs 2024–26

(Percent share)

Budget function	2024 actual	2025 preliminary ^a	2026 proposed
All functions conducting R&D			
National defense	10.7	10.4	9.7
Health	5.0	4.5	2.8
General science and basic research	37.6	35.0	23.7
Space flight, research, and supporting activities	24.6	25.5	15.9
Energy	27.3	16.0	5.4
Natural resources and environment	3.7	2.6	2.8
Agriculture	10.7	4.6	3.9
Commerce and housing credit	7.0	23.2	5.2
Transportation	1.3	1.3	1.1
Veterans benefits and services	0.6	0.5	0.4
Education, training, employment, and social services	0.3	0.4	0.2
Administration of justice	0.5	0.5	0.4
International affairs	0.2	0.2	0.3
Income security	*	*	*
Community and regional development	*	*	*
Medicare	0.0	0.0	0.0

* = value less than 0.05%.

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 4. Federal budget authority for basic research, by budget function, ordered by FY 2024 R&D and R&D plant total: FYs 2024–26

(Millions of dollars and percent change)

Budget function	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
All functions conducting R&D	44,942	44,686	29,533	-0.6	-33.9
National defense	2,820	2,715	2,263	-3.7	-16.7
Health	22,734	22,421	14,158	-1.4	-36.9
General science and basic research	12,140	12,216	8,121	0.6	-33.5
Space flight, research, and supporting activities	4,344	4,414	2,564	1.6	-41.9
Energy	27	11	12	-57.6	4.9
Natural resources and environment	40	40	15	0.0	-62.5
Agriculture	1,388	1,421	1,069	2.4	-24.8
Commerce and housing credit	314	260	210	-17.2	-19.2
Transportation	0	0	0	0.0	0.0
Veterans benefits and services	765	818	823	6.9	0.6
Education, training, employment, and social services	351	351	283	0.0	-19.4
Administration of justice	17	16	13	-5.9	-18.8
International affairs	2	2	2	0.0	0.0
Income security	0	0	0	0.0	0.0
Community and regional development	0	0	0	0.0	0.0
Medicare	0	0	0	0.0	0.0

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 5. Federal budget authority for National defense (050) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	105,686	96,695	93,385	-8.5	-3.4
Department of Defense, military (051)	98,989	90,648	88,029	-8.4	-2.9
R&D within RDT&E accounts	96,675	89,159	85,964	-7.8	-3.6
Defense agencies	24,023	23,091	22,633	-3.9	-2.0
Defense Advanced Research Projects Agency	4,388	4,146	4,566	-5.5	10.1
Missile Defense Agency	8,721	8,017	7,963	-8.1	-0.7
Other defense agencies	10,913	10,929	10,103	0.1	-7.6
Department of the Air Force	24,175	22,075	22,374	-8.7	1.4
Space Force	11,104	11,243	9,677	1.2	-13.9
Department of the Army	15,760	13,075	12,343	-17.0	-5.6
Department of the Navy	21,275	19,326	18,589	-9.2	-3.8
Operational Test and Evaluation	337	349	349	3.3	0.0
Other military funding ^b	2,314	1,489	2,065	-35.7	38.7
Atomic energy defense activities (053)	6,690	6,029	5,356	-9.9	-11.2
Department of Energy	6,690	6,029	5,356	-9.9	-11.2
Defense environmental cleanup	36	39	19	8.3	-51.3
Naval reactors development	1,213	1,152	1,570	-5.0	36.3
Nonproliferation	433	416	369	-3.9	-11.3
Weapons activities	5,008	4,422	3,398	-11.7	-23.2
Defense-related activities (054)	7	18	0	157.1	-100.0
Department of Justice, Federal Bureau of Investigation	8	17	0	112.5	-100.0
Department of Homeland Security, Cybersecurity and Infrastructure Security Agency	-1	1	0	-200.0	-100.0
R&D	95,870	89,745	83,071	-6.4	-7.4
Department of Defense, military (051)	90,312	84,557	79,055	-6.4	-6.5
R&D within RDT&E accounts	88,219	83,182	77,104	-5.7	-7.3
Defense agencies	21,949	21,036	20,600	-4.2	-2.1
Defense Advanced Research Projects Agency	4,388	4,146	4,566	-5.5	10.1
Missile Defense Agency	8,721	8,017	7,963	-8.1	-0.7
Other defense agencies	10,571	9,110	8,368	-13.8	-8.1
Department of the Air Force	20,639	20,409	18,570	-1.1	-9.0
Space Force	11,108	10,894	9,677	-1.9	-11.2
Department of the Army	14,058	11,762	10,387	-16.3	-11.7
Department of the Navy	20,127	18,732	17,521	-6.9	-6.5
Operational Test and Evaluation	337	349	349	3.3	0.0
Other military funding ^b	2,093	1,375	1,951	-34.3	41.9
Atomic energy defense activities (053)	5,551	5,170	4,016	-6.9	-22.3
Department of Energy	5,551	5,170	4,016	-6.9	-22.3
Defense environmental cleanup	36	39	19	8.3	-51.3
Naval reactors development	958	905	970	-5.5	7.2
Nonproliferation	398	393	346	-1.3	-12.0
Weapons activities	4,159	3,833	2,681	-7.8	-30.1
Defense-related activities (054)	7	18	0	157.1	-100.0
Department of Justice, Federal Bureau of Investigation	8	17	0	112.5	-100.0
Department of Homeland Security, Cybersecurity and Infrastructure Security Agency	-1	1	0	-200.0	-100.0

RDT&E = research, development, test, and evaluation.

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025. It does not include any funding received through reconciliation.

^b Other military funding includes appropriate personnel costs in direct support of conduct of R&D, other appropriations funding certain Department of Defense programs, and medical research funded outside RDT&E accounts.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 6. Department of Defense, total obligational authority for research, development, test, and evaluation, by DOD budget activity: FYs 2024–26

(Millions of dollars and percent change)

Funding category and agency	Budget activity	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
RDT&E total budget authority	-	148,107	141,352	141,189	-4.6	-0.1
R&D budget authority within RDT&E accounts ^b	-	96,675	89,159	85,964	-7.8	-3.6
RDT&E total obligational authority ^c	-	148,107	141,352	141,189	-4.6	-0.1
Basic research		2,628	2,474	2,074	-5.9	-16.2
Defense agencies		802	811	575	1.2	-29.1
Department of the Air Force		567	508	397	-10.3	-21.9
Space Force		34.5	36.08	36.839	4.6	2.1
Department of the Army		561	505	487	-10.0	-3.7
Department of the Navy	1	664	613	578	-7.6	-5.7
Applied research		7,593	6,251	5,799	-17.7	-7.2
Defense agencies		2,288	2,276	2,400	-0.5	5.5
Department of the Air Force		1,843	1,400	1,306	-24.0	-6.7
Space Force		343	256	278	-25.3	8.6
Department of the Army		1,716	1,162	861	-32.3	-25.9
Department of the Navy	2	1,403	1,157	955	-17.5	-17.5
Advanced technology development		11,287	10,136	9,985	-10.2	-1.5
Defense agencies		5,726	5,773	6,220	0.8	7.8
Department of the Air Force		1,151	814	834	-29.3	2.6
Space Force		710	750	589	5.7	-21.6
Department of the Army		2,352	1,696	1,240	-27.9	-26.9
Department of the Navy	3	1,348	1,104	1,101	-18.1	-0.2
Advanced component development and prototypes		39,682	35,995	30,781	-9.3	-14.5
Defense agencies		11,708	10,667	10,390	-8.9	-2.6
Department of the Air Force		9,829	11,102	6,267	12.9	-43.5
Space Force		3,873	4,196	4,248	8.4	1.2
Department of the Army		4,336	2,170	2,421	-49.9	11.5
Department of the Navy	4	9,936	7,860	7,454	-20.9	-5.2
System development and demonstration		26,195	24,466	27,483	-6.6	12.3
Defense agencies		1,424	1,017	1,015	-28.6	-0.3
Department of the Air Force		7,250	4,791	9,765	-33.9	103.8
Space Force		5,652	5,433	3,892	-3.9	-28.4
Department of the Army		5,091	5,759	5,379	13.1	-6.6
Department of the Navy	5	6,777	7,466	7,432	10.2	-0.5
RDT&E management support		9,290	9,837	9,842	5.9	0.1
Defense agencies		2,074	2,547	2,032	22.8	-20.2
Department of the Air Force		3,536	3,460	3,804	-2.1	9.9
Space Force		492	571	633	16.0	10.8
Department of the Army		1,703	1,783	1,956	4.7	9.7
Department of the Navy		1,148	1,127	1,068	-1.8	-5.2
Operational test and evaluation	6	337	349	349	3.3	0.0
Operational System Development		50,560	51,899	54,396	2.6	4.8
Defense agencies		12,095	12,098	10,594	0.0	-12.4
Department of the Air Force		23,165	24,806	29,644	7.1	19.5
Space Force		7,443	7,165	5,638	-3.7	-21.3
Department of the Army	7	1,253	1,214	1,427	-3.1	17.5

Table 6. Department of Defense, total obligational authority for research, development, test, and evaluation, by DOD budget activity: FYs 2024–26

(Millions of dollars and percent change)

Funding category and agency	Budget activity	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
Department of the Navy		6,604	6,616	7,093	0.2	7.2
Software and Digital Technology Pilot Programs		872	295	829	-66.2	181.6
Defense agencies		623	50	513	-92.1	936.3
Department of the Air Force		0	0	0	0.0	0.0
Space Force		122	146	201	19.1	38.0
Department of the Army		104	75	89	-28.4	19.7
Department of the Navy	8	22	25	26	11.2	4.2

DOD = Department of Defense; RDT&E = research, development, test, and evaluation.

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025. It does not include any funding received through reconciliation.

^b Totals for development spending across all years do not include DOD Budget Activity 7 (BA 7) (Operational System Development) and Budget Activity 8 (BA 8) (Software and Digital Technology Pilot Programs), due to implementation of the narrowed definition of development described by the Office of Management and Budget (OMB) in its Circular A-11 of July 2016. BA 7 funds support development efforts to upgrade systems that have been fielded or have received approval for full-rate production and anticipate production funding in the current or subsequent fiscal year. BA 8 funds the acquisition of services, business process re-engineering activities, functional requirements development, technical evaluations, and other activities in direct support of acquiring, developing, deploying, sustaining, enhancing, and modernizing Software and Digital Technology Pilot Programs, and BA 8 funds the purchase of commercial off the shelf software, tools, and services.

^c RDT&E budget activity codes are broad categories reflecting different types of RDT&E efforts, as specified in the DOD Financial Management Regulation.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):Agencies' submissions to OMB per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 7. Federal budget authority for International affairs (150) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	252	220	252	-12.7	14.5
International development and humanitarian assistance (151)	245	213	245	-13.1	15.0
Agency for International Development	153	153	153	0.0	0.0
Department of State	92	60	92	-34.8	53.3
International security assistance (152)	7	7	7	0.0	0.0
Economic Support Fund	7	7	7	0.0	0.0
R&D	198	134	198	-32.3	47.8
International development and humanitarian assistance (151)	191	127	191	-33.5	50.4
Agency for International Development	99	67	99	-32.3	47.8
Department of State	92	60	92	-34.8	53.3
International security assistance (152)	7	7	7	0.0	0.0
Economic Support Fund	7	7	7	0.0	0.0

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025. It does not include cuts from the Rescissions Act of 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 8. Federal budget authority for General science and basic research (251) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	15,659	14,626	10,147	-6.6	-30.6
Department of Energy	8,203	7,682	6,891	-6.4	-10.3
Office of Science	8,203	7,682	6,891	-6.4	-10.3
National Science Foundation	7,456	6,944	3,256	-6.9	-53.1
Arctic Research Commission	0	0	0	0.0	0.0
Biological Sciences	792	726	224	-8.3	-69.1
CHIPS for America Workforce and Education R&D	0	0	0	0.0	0.0
Computer and Information Science and Engineering	910	852	345	-6.4	-59.5
STEM Education ^b	538	522	129	-3.0	-75.3
Engineering	720	674	184	-6.4	-72.7
Geosciences	946	932	375	-1.5	-59.8
Integrative Activities	453	453	177	0.0	-60.9
International Science and Engineering	47	53	13	12.8	-75.5
Major Research Equipment and Facilities and Construction	253	23	251	-90.9	991.3
Mathematical and Physical Sciences	1,507	1,414	513	-6.2	-63.7
Polar Programs	380	525	605	38.2	15.2
Social, Behavioral and Economic Sciences	208	205	94	-1.4	-54.1
Technology, Innovation, and Partnerships	703	564	348	-19.8	-38.3
R&D	13,662	13,259	8,599	-2.9	-35.1
Department of Energy	6,713	6,582	5,704	-1.9	-13.3
Office of Science	6,713	6,582	5,704	-1.9	-13.3
National Science Foundation	6,949	6,677	2,895	-3.9	-56.6
Arctic Research Commission	0	0	0	0.0	0.0
Biological Sciences	713	698	215	-2.1	-69.2
CHIPS for America Workforce and Education R&D	0	0	0	0.0	0.0
Computer and Information Science and Engineering	897	819	331	-8.7	-59.6
STEM Education ^b	538	522	129	-3.0	-75.3
Engineering	710	648	177	-8.7	-72.7
Geosciences	928	897	360	-3.3	-59.9
Integrative Activities	380	436	170	14.7	-61.0
International Science and Engineering	47	51	12	8.5	-76.5
Major Research Equipment and Facilities Construction	0	0	0	0.0	0.0
Mathematical and Physical Sciences	1,455	1,360	493	-6.5	-63.8
Polar Programs	371	505	582	36.1	15.2
Social, Behavioral and Economic Sciences	208	197	90	-5.3	-54.3
Technology, Innovation, and Partnerships	703	543	335	-22.8	-38.3

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

^b Education and Human Resource (EHR) was renamed to STEM Education in the 2023 Presidential Budget Request.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 9. Federal budget authority for Space flight, research, and supporting activities (252) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	10,215	10,647	6,822	4.2	-35.9
National Aeronautics and Space Administration	10,215	10,647	6,822	4.2	-35.9
Safety, security, and mission services	0	192	84	-	-56.3
Deep space exploration systems ^b	1,676	1,967	2,273	17.3	15.6
Science	7,024	7,004	3,809	-0.3	-45.6
LEO (low earth orbit) and space flight operations ^c	399	355	65	-11.0	-81.7
Space technology ^d	1,050	1,077	539	2.6	-50.0
Construction, environmental compliance, and restoration	66	52	52	-21.2	0.0
R&D	10,149	10,595	6,770	4.4	-36.1
National Aeronautics and Space Administration	10,149	10,595	6,770	4.4	-36.1
Safety, security, and mission services	0	192	84	-	-56.3
Deep space exploration systems ^b	1,676	1,967	2,273	17.3	15.6
Science	7,024	7,004	3,809	-0.3	-45.6
LEO (low earth orbit) and space flight operations ^c	399	355	65	-11.0	-81.7
Space technology ^d	1,050	1,077	539	2.6	-50.0
Construction, environmental compliance, and restoration	0	0	0	0.0	0.0

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

^b Deep space exploration systems is referred to as Exploration in the Office of Management and Budget (OMB) Reporting.

^c LEO (low earth orbit) and space flight operations was renamed to Space operations in the 2022 Presidential Budget Request. The prior name is referenced in this table for historical continuity.

^d Exploration technology was renamed to Space technology in the 2022 Presidential Budget Request.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to OMB per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 10. Federal budget authority for Energy (270) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	6,140	6,004	1,964	-2.2	-67.3
Energy supply (271)	6,044	5,940	1,898	-1.7	-68.0
Department of Energy	5,927	5,855	1,824	-1.2	-68.8
Energy programs	5,927	5,855	1,824	-1.2	-68.8
Energy efficiency and renewable energy	2,507	2,022	819	-19.3	-59.5
Fossil energy ^{b,c}	1,563	1,589	-399	1.7	-125.1
Nuclear energy	780	1,358	1,187	74.1	-12.6
Electricity delivery	171	180	191	5.3	6.1
Cybersecurity, Energy Security, and Emergency Response ^c	110	108	-50	-1.8	-146.3
Advanced Research Projects Agency-Energy (ARPA-E)	460	460	200	0.0	-56.5
Clean Energy Demonstration ^c	217	50	-200	-76.8	-496.9
Bonneville Power Administration Fund	2	2	2	0.0	0.0
Tennessee Valley Authority	117	85	74	-27.4	-12.9
Energy information, policy, and regulation (276)	96	64	66	-33.3	3.1
Nuclear Regulatory Commission	96	64	66	-33.3	3.1
R&D	5,996	5,895	1,916	-1.7	-67.5
Energy supply (271)	5,900	5,831	1,850	-1.2	-68.3
Department of Energy	5,783	5,746	1,776	-0.6	-69.1
Energy programs	5,783	5,746	1,776	-0.6	-69.1
Energy efficiency and renewable energy	2,413	1,943	785	-19.5	-59.6
Fossil energy ^{b,c}	1,513	1,560	-413	3.1	-126.5
Nuclear energy	780	1,358	1,187	74.1	-12.6
Electricity delivery	171	180	191	5.3	6.1
Cybersecurity, Energy Security, and Emergency Response ^c	110	108	-50	-1.8	-146.3
Advanced Research Projects Agency-Energy (ARPA-E)	460	460	200	0.0	-56.5
Clean Energy Demonstration ^c	217	50	-200	-76.8	-496.9
Bonneville Power Administration Fund	2	2	2	0.0	0.0
Tennessee Valley Authority	117	85	74	-27.4	-12.9
Energy information, policy, and regulation (276)	96	64	66	-33.3	3.1
Nuclear Regulatory Commission	96	64	66	-33.3	3.1

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

^b Fossil energy was renamed to Fossil energy and carbon management in the 2023 Presidential Budget Request, and it was renamed back to Fossil energy in the FY 2026 Presidential Budget Request.

^c Several Department of Energy programs reported negative R&D estimates, which are from Infrastructure Investment and Jobs Act (P.L. 117-58) rescissions accounted for in FY 2026 advanced appropriations.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 11. Federal budget authority for Natural resources and environment (300) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	3,247	3,196	1,358	-1.6	-57.5
Conservation and land management (302)	415	408	72	-1.7	-82.4
Department of the Interior	112	65	70	-42.0	7.7
Department of Agriculture	303	343	2	13.2	-99.4
Forest Service	303	343	2	13.2	-99.4
Pollution control and abatement (304)	545	544	373	-0.3	-31.5
Environmental Protection Agency	537	536	305	-0.3	-43.1
Oil spill response research	1	2	3	76.9	43.5
Science and technology	506	504	283	-0.5	-43.7
Superfund	30	30	18	0.0	-40.0
Department of Homeland Security	8	8	68	0.0	750.0
Coast Guard	8	8	68	0.0	750.0
Recreational resources (303)	5	5	1	0.0	-80.0
Department of the Interior	5	5	1	0.0	-80.0
National Park Service	5	5	1	0.0	-80.0
Water resources (301)	313	248	194	-20.8	-21.8
Department of Defense	124	79	79	-36.3	0.0
Army Corps of Engineers	124	79	79	-36.3	0.0
Department of the Interior	189	169	115	-10.6	-32.0
Bureau of Reclamation	189	169	115	-10.6	-32.0
Other natural resources (306)	1,968	1,991	718	1.2	-63.9
Department of Commerce	1,570	1,589	550	1.2	-65.4
National Oceanic and Atmospheric Administration	1,570	1,589	550	1.2	-65.4
Mission support / spectrum	191	5	0	-97.4	-100.0
National Environmental Satellite, Data, and Information Service	67	68	44	1.1	-35.9
National Marine Fisheries Service	49	47	28	-3.1	-40.5
National Ocean Service	99	100	138	0.9	37.5
National Weather Service	64	70	148	9.4	111.7
Office of Oceanic and Atmospheric Research	875	700	0	-20.0	-100.0
Office of Marine and Aviation Operations	274	647	221	136.3	-65.8
Department of the Interior	398	402	168	1.0	-58.2
U.S. Geological Survey ^b	398	402	168	1.0	-58.2
R&D	2,830	2,809	1,260	-0.8	-55.1
Conservation and land management (302)	415	408	72	-1.7	-82.4
Department of the Interior	112	65	70	-42.0	7.7
Department of Agriculture	303	343	2	13.2	-99.4
Forest Service	303	343	2	13.2	-99.4
Pollution control and abatement (304)	541	541	369	0.0	-31.8
Environmental Protection Agency	533	533	301	0.0	-43.5
Oil spill response research	1	1	1	0.0	0.0
Science and technology	502	502	282	0.0	-43.8
Superfund	30	30	18	0.0	-40.0
Department of Homeland Security	8	8	68	0.0	750.0
Coast Guard	8	8	68	0.0	750.0
Recreational resources (303)	5	5	1	0.0	-80.0
Department of the Interior	5	5	1	0.0	-80.0
National Park Service	5	5	1	0.0	-80.0
Water resources (301)	311	248	194	-20.3	-21.8

Table 11. Federal budget authority for Natural resources and environment (300) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
Department of Defense	122	79	79	-35.2	0.0
Army Corps of Engineers	122	79	79	-35.2	0.0
Department of the Interior	189	169	115	-10.6	-32.0
Bureau of Reclamation	189	169	115	-10.6	-32.0
Other natural resources (306)	1,558	1,606	623	3.1	-61.2
Department of Commerce	1,160	1,204	455	3.9	-62.2
National Oceanic and Atmospheric Administration	1,160	1,204	455	3.9	-62.2
Mission support / spectrum	28	1	0	-97.4	-100.0
National Environmental Satellite, Data, and Information Service	67	68	44	1.1	-35.9
National Marine Fisheries Service	49	47	28	-3.1	-40.5
National Ocean Service	99	100	138	0.9	37.5
National Weather Service	64	70	148	9.4	111.7
Office of Oceanic and Atmospheric Research	745	596	0	-20.0	-100.0
Office of Marine and Aviation Operations	156	370	126	136.9	-65.8
Department of the Interior	398	402	168	1.0	-58.2
U.S. Geological Survey ^b	398	402	168	1.0	-58.2

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

^b The U.S. Geological Survey's Greenbook was not available at the time of compilation, so the subprograms have been removed from the tables.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 12. Federal budget authority for Agriculture (350) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	2,910	2,889	2,451	-0.7	-15.2
Agricultural research and services (352)	2,910	2,889	2,451	-0.7	-15.2
Department of Agriculture	2,910	2,889	2,451	-0.7	-15.2
Agricultural Research Service	1,866	1,852	1,717	-0.8	-7.3
Animal and Plant Health Inspection Service	47	53	53	12.8	0.0
Economic Research Service	91	91	80	0.0	-12.1
National Agricultural Statistics Service	11	11	11	0.0	0.0
National Institute of Food and Agriculture	895	882	590	-1.5	-33.1
R&D	2,679	2,672	2,277	-0.3	-14.8
Agricultural research and services (352)	2,679	2,672	2,277	-0.3	-14.8
Department of Agriculture	2,679	2,672	2,277	-0.3	-14.8
Agricultural Research Service	1,635	1,635	1,543	0.0	-5.6
Animal and Plant Health Inspection Service	47	53	53	12.8	0.0
Economic Research Service	91	91	80	0.0	-12.1
National Agricultural Statistics Service	11	11	11	0.0	0.0
National Institute of Food and Agriculture	895	882	590	-1.5	-33.1

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025. It does not include any funding received through reconciliation.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 13. Federal budget authority for Commerce and housing credit (370) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	2,639	2,302	2,565	-12.8	11.4
Postal Service (372)	5	6	6	20.0	0.0
Postal Service Fund	5	6	6	20.0	0.0
Other advancement of commerce (376)	2,634	2,296	2,559	-12.8	11.5
Department of Commerce	2,634	2,296	2,559	-12.8	11.5
Census Bureau	316	313	401	-0.9	28.1
National Institute of Standards and Technology	2,300	1,963	2,140	-14.7	9.0
Construction of research facilities	88	88	88	0.0	0.0
Industrial technology services	1,275	1,088	1,415	-14.7	30.1
Scientific and technical research and services	937	787	637	-16.0	-19.1
National Oceanic and Atmospheric Administration	0	0	0	0.0	0.0
National Marine Fisheries Service	0	0	0	0.0	0.0
National Telecommunications and Information Administration	18	20	18	11.1	-10.0
R&D	2,479	2,181	2,444	-12.0	12.1
Postal Service (372)	5	6	6	20.0	0.0
Postal Service Fund	5	6	6	20.0	0.0
Other advancement of commerce (376)	2,474	2,175	2,438	-12.1	12.1
Department of Commerce	2,474	2,175	2,438	-12.1	12.1
Census Bureau	316	313	401	-0.9	28.1
National Institute of Standards and Technology	2,140	1,844	2,021	-13.8	9.6
Construction of research facilities	0	0	0	0.0	0.0
Industrial technology services	1,275	1,088	1,415	-14.7	30.1
Scientific and technical research and services	865	756	606	-12.6	-19.8
National Oceanic and Atmospheric Administration	0	0	0	0.0	0.0
National Marine Fisheries Service	0	0	0	0.0	0.0
National Telecommunications and Information Administration	18	18	16	0.0	-11.1

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 14. Federal budget authority for Transportation (400) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	2,198	2,234	1,916	1.6	-14.2
Air transportation (402)	1,347	1,339	919	-0.6	-31.4
Department of Transportation	568	560	468	-1.4	-16.4
Federal Aviation Administration	568	560	468	-1.4	-16.4
National Aeronautics and Space Administration	764	764	416	0.0	-45.5
Aeronautics research	764	764	416	0.0	-45.5
Department of Homeland Security	15	15	35	0.0	133.3
Transportation Security Administration	15	15	35	0.0	133.3
Ground transportation (401)	684	724	770	5.8	6.4
Department of Transportation	684	724	770	5.8	6.4
Federal Highway Administration	457	482	540	5.5	12.0
Federal Motor Carrier Safety Administration	14	14	14	0.0	0.0
Federal Railroad Administration	60	59	50	-1.7	-15.3
Federal Transit Administration	46	46	39	0.0	-15.2
National Highway Traffic Safety Administration	107	123	127	15.0	3.3
Water transportation (403)	8	8	68	0.0	750.0
Department of Homeland Security	8	8	68	0.0	750.0
Coast Guard	8	8	68	0.0	750.0
Other transportation (407)	159	163	159	2.5	-2.5
Department of Transportation	159	163	159	2.5	-2.5
R&D	2,141	2,157	1,840	0.7	-14.7
Air transportation (402)	1,300	1,272	852	-2.2	-33.0
Department of Transportation	521	493	401	-5.4	-18.7
Federal Aviation Administration	521	493	401	-5.4	-18.7
National Aeronautics and Space Administration	764	764	416	0.0	-45.5
Aeronautics research	764	764	416	0.0	-45.5
Department of Homeland Security	15	15	35	0.0	133.3
Transportation Security Administration	15	15	35	0.0	133.3
Ground transportation (401)	674	714	761	5.9	6.6
Department of Transportation	674	714	761	5.9	6.6
Federal Highway Administration	453	478	536	5.5	12.1
Federal Motor Carrier Safety Administration	14	14	14	0.0	0.0
Federal Railroad Administration	54	53	45	-1.9	-15.1
Federal Transit Administration	46	46	39	0.0	-15.2
National Highway Traffic Safety Administration	107	123	127	15.0	3.3
Water transportation (403)	8	8	68	0.0	750.0
Department of Transportation	8	8	68	0.0	750.0
Coast Guard	8	8	68	0.0	750.0
Other transportation (407)	159	163	159	2.5	-2.5
Department of Transportation	159	163	159	2.5	-2.5

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 15. Federal budget authority for Community and regional development (450) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	5	5	5	0.0	0.0
Community development (451)	0	0	0	0.0	0.0
Area and regional development (452)	5	5	5	0.0	0.0
Department of the Interior	5	5	5	0.0	0.0
Bureau of Indian Affairs and Bureau of Indian Education	5	5	5	0.0	0.0
Appalachian Regional Commission	0	0	0	0.0	0.0
R&D	5	5	5	0.0	0.0
Community development (451)	0	0	0	0.0	0.0
Area and regional development (452)	5	5	5	0.0	0.0
Department of the Interior	5	5	5	0.0	0.0
Bureau of Indian Affairs and Bureau of Indian Education	5	5	5	0.0	0.0
Appalachian Regional Commission	0	0	0	0.0	0.0

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 16. Federal budget authority for Education, training, employment, and social services (500) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	819	790	398	-3.5	-49.6
Elementary, secondary, and vocational education (501); Higher education (502); Research and general education aids (503)	819	790	398	-3.5	-49.6
Department of Education programs	479	438	107	-8.6	-75.6
Smithsonian Institution programs	340	352	291	3.5	-17.3
R&D	792	751	375	-5.2	-50.1
Elementary, secondary, and vocational education (501); Higher education (502); Research and general education aids (503)	792	751	375	-5.2	-50.1
Department of Education programs	479	438	107	-8.6	-75.6
Smithsonian Institution programs	313	313	268	0.0	-14.4

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 17. Federal budget authority for Health (550) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	47,206	46,613	30,384	-1.3	-34.8
Consumer and occupational health and safety (554)	744	507	506	-31.9	-0.2
Consumer Product Safety Commission	0	1	0	-	-100.0
Department of Health and Human Services	744	506	506	-32.0	0.0
Food and Drug Administration	744	506	506	-32.0	0.0
Health care services and health research and training (551, 552)	46,462	46,106	29,878	-0.8	-35.2
Department of Health and Human Services	46,462	46,106	29,878	-0.8	-35.2
Agency for Healthcare Research and Quality	386	459	0	18.9	-100.0
Centers for Disease Control and Prevention	399	392	160	-1.8	-59.2
Departmental management (other) ^b	18	18	1,908	0.0	10,500.0
Health Resources and Services Administration	36	36	0	0.0	-100.0
Administration for a Healthy America ^c	0	0	728	0.0	-
National Institutes of Health	45,623	45,201	27,082	-0.9	-40.1
R&D	46,815	46,191	29,972	-1.3	-35.1
Consumer and occupational health and safety (554)	733	465	464	-36.6	-0.2
Consumer Product Safety Commission	0	1	0	-	-100.0
Department of Health and Human Services	733	464	464	-36.7	0.0
Food and Drug Administration	733	464	464	-36.7	0.0
Health care services and health research and training (551, 552)	46,082	45,726	29,508	-0.8	-35.5
Department of Health and Human Services	46,082	45,726	29,508	-0.8	-35.5
Agency for Healthcare Research and Quality	386	459	0	18.9	-100.0
Centers for Disease Control and Prevention	399	392	160	-1.8	-59.2
Departmental management (other) ^b	18	18	1,908	0.0	10,500.0
Health Resources and Services Administration	36	36	0	0.0	-100.0
Administration for a Healthy America ^c	0	0	728	0.0	-
National Institutes of Health	45,243	44,821	26,712	-0.9	-40.4

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

^b Departmental management now includes the Assistant Secretary for a Healthy Future, which in turn includes R&D estimates for the Advanced Research Projects Agency for Health, in the FY 2026 Presidential Budget Request.

^c Administration for a Healthy America is a new program that has been proposed for FY 2026 by the administration, and would include the National Institute of Environmental Health Sciences account from the National Institutes of Health.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 18. National Institutes of Health, federal budget authority for R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Organization and program, by FY 2023 rank order	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	45,623	45,201	27,082	-0.9	-40.1
National Cancer Institute	7,094	7,080	4,476	-0.2	-36.8
National Institute on Body Systems	na	na	4,177	-	-
National Heart, Lung, and Blood Institute	3,125	3,102	na	-0.7	-
National Institute of Diabetes and Digestive and Kidney Diseases	2,427	2,351	na	-3.1	-
National Institute of Arthritis and Musculoskeletal and Skin Diseases	663	663	na	0.0	-
National Institute on Neuroscience and Brain Research	na	na	2,384	-	-
National Institute of Dental and Craniofacial Research	503	503	na	-0.1	-
National Institute of Neurological Disorders and Stroke	2,639	2,598	na	-1.5	-
National Eye Institute	878	876	na	-0.2	-
National Institute of Allergy and Infectious Diseases	6,446	6,448	4,123	0.0	-36.1
National Institute of General Medical Sciences (new)	na	na	3,195	-	-
National Institute of General Medical Sciences	1,761	1,746	na	-0.9	-
National Human Genome Research Institute	646	643	na	-0.5	-
National Library of Medicine	492	493	na	0.0	-
National Center for Advancing Translational Sciences	893	890	na	-0.3	-
National Institute of Biomedical Imaging and Bioengineering	391	387	na	-1.1	-
National Institute for Child and Women's Health, Sensory Disorders, and Communication	na	na	1,361	-	-
National Institute of Child Health and Human Development	1,704	1,703	na	-0.1	-
National Institute on Deafness and Other Communication Disorders	516	518	na	0.4	-
National Institute on Aging	4,434	4,435	2,652	0.0	-40.2
National Institute of Behavioral Health	na	na	2,702	-	-
National Institute on Drug Abuse	1,624	1,620	na	-0.3	-
National Institute on Alcohol Abuse and Alcoholism	576	576	na	0.0	-
National Institute of Mental Health	2,225	2,185	na	-1.8	-
Office of the Director	2,823	2,623	1,674	-7.1	-36.2
National Institute of Environmental Health Sciences	966	964	na	-0.2	-
National Institute on Minority Health and Health Disparities	531	531	na	0.0	-
National Institute of Nursing Research	187	187	na	-0.2	-
National Center for Complementary and Integrative Health	158	160	na	1.9	-
John E. Fogarty International Center	71	70	na	-0.9	-
Advanced Research Projects Agency for Health ^b	1,500	1,500	na	0.0	-
Buildings and facilities	350	350	340	0.0	-2.9
R&D	45,243	44,821	26,712	-0.9	-40.4
National Cancer Institute	7,064	7,050	4,446	-0.2	-36.9
National Institute on Body Systems	na	na	4,177	-	-
National Heart, Lung, and Blood Institute	3,125	3,102	na	-0.7	-
National Institute of Diabetes and Digestive and Kidney Diseases	2,427	2,351	na	-3.1	-

Table 18. National Institutes of Health, federal budget authority for R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Organization and program, by FY 2023 rank order	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
National Institute of Arthritis and Musculoskeletal and Skin Diseases	663	663	na	0.0	-
National Institute on Neuroscience and Brain Research	na	na	2,384	-	-
National Institute of Dental and Craniofacial Research	503	503	na	-0.1	-
National Institute of Neurological Disorders and Stroke	2,639	2,598	na	-1.5	-
National Eye Institute	878	876	na	-0.2	-
National Institute of Allergy and Infectious Diseases	6,446	6,448	4,123	0.0	-36.1
National Institute of General Medical Sciences (new)	na	na	3,195	-	-
National Institute of General Medical Sciences	1,761	1,746	na	-0.9	-
National Human Genome Research Institute	646	643	na	-0.5	-
National Library of Medicine	492	493	na	0.0	-
National Center for Advancing Translational Sciences	893	890	na	-0.3	-
National Institute of Biomedical Imaging and Bioengineering	391	387	na	-1.1	-
National Institute for Child and Women's Health, Sensory Disorders, and Communication	na	na	1,361	-	-
National Institute of Child Health and Human Development	1,704	1,703	na	-0.1	-
National Institute on Deafness and Other Communication Disorders	516	518	na	0.4	-
National Institute on Aging	4,434	4,435	2,652	0.0	-40.2
National Institute of Behavioral Health	na	na	2,702	-	-
National Institute on Drug Abuse	1,624	1,620	na	-0.3	-
National Institute on Alcohol Abuse and Alcoholism	576	576	na	0.0	-
National Institute of Mental Health	2,225	2,185	na	-1.8	-
Office of the Director	2,823	2,623	1,674	-7.1	-36.2
National Institute of Environmental Health Sciences	966	964	na	-0.2	-
National Institute on Minority Health and Health Disparities	531	531	na	0.0	-
National Institute of Nursing Research	187	187	na	-0.2	-
National Center for Complementary and Integrative Health	158	160	na	1.9	-
John E. Fogarty International Center	71	70	na	-0.9	-
Advanced Research Projects Agency for Health ^b	1,500	1,500	na	0.0	-
Buildings and facilities	0	0	0	0.0	-

na = not applicable; agency or agency subdivision did not exist as such.

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

^b Advanced Research Projects Agency for Health (ARPA-H) is an independent agency created by the Congress (P.L. 117-103) in mid-March 2022. The agency is recognized as part of the National Institutes of Health (NIH) budget but reports to the Secretary of Health and Human Services. In the FY 2026 Presidential Budget Request, ARPA-H has been moved into the Assistant Secretary for a Healthy Future.

^c The FY 2026 Presidential Budget Request proposed funding according to a new organization plan for NIH that would fold the 27 institutes into 8 and move ARPA-H formally outside of NIH. This table identifies the existing institutes and centers for FYs 2024–25 and the proposed restructuring for FY 2026.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 19. Federal budget authority for Medicare (570) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	0	0	0	0.0	0.0
Medicare (571)	0	0	0	0.0	0.0
Department of Health and Human Services	0	0	0	0.0	0.0
Centers for Medicare and Medicaid Services	0	0	0	0.0	0.0
R&D	0	0	0	0.0	0.0
Medicare (571)	0	0	0	0.0	0.0
Department of Health and Human Services	0	0	0	0.0	0.0
Centers for Medicare and Medicaid Services	0	0	0	0.0	0.0

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 20. Federal budget authority for Income security (600) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	95	94	95	-1.1	1.1
Other income security (609)	95	94	95	-1.1	1.1
Department of Health and Human Services	4	3	4	-25.0	33.3
Administration for Children and Families	4	3	4	-25.0	33.3
Social Security Administration	91	91	91	0.0	0.0
R&D	95	94	95	-1.1	1.1
Other income security (609)	95	94	95	-1.1	1.1
Department of Health and Human Services	4	3	4	-25.0	33.3
Administration for Children and Families	4	3	4	-25.0	33.3
Social Security Administration	91	91	91	0.0	0.0

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 21. Federal budget authority for Veterans benefits and services (700) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	1,826	1,839	1,864	0.7	1.4
Hospital and medical care for veterans (703)	1,826	1,839	1,864	0.7	1.4
Department of Veterans Affairs	1,826	1,839	1,864	0.7	1.4
Medical and prosthetic research	943	935	943	-0.8	0.9
Medical services	837	845	850	1.0	0.6
Cost of War Toxic Exposures Fund	46	59	71	28.3	20.3
R&D	1,826	1,839	1,864	0.7	1.4
Hospital and medical care for veterans (703)	1,826	1,839	1,864	0.7	1.4
Department of Veterans Affairs	1,826	1,839	1,864	0.7	1.4
Medical and prosthetic research	943	935	943	-0.8	0.9
Medical services	837	845	850	1.0	0.6
Cost of War Toxic Exposures Fund	46	59	71	28.3	20.3

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 22. Federal budget authority for Administration of justice (750) R&D and R&D plant: FYs 2024–26

(Millions of dollars and percent change)

Budget function and agency	2024 actual (\$millions)	2025 preliminary ^a (\$millions)	2026 proposed (\$millions)	2024–25 (% change)	2025–26 (% change)
R&D and R&D plant	446	442	400	-0.9	-9.5
Federal law enforcement activities (751)	441	437	395	-0.9	-9.6
Department of Homeland Security	441	437	395	-0.9	-9.6
Federal correctional activities (753)	5	5	5	0.0	0.0
Department of Justice	5	5	5	0.0	0.0
Federal Prison System	5	5	5	0.0	0.0
Criminal justice assistance (754)	0	0	0	0.0	0.0
R&D	385	381	335	-1.0	-12.1
Federal law enforcement activities (751)	380	376	330	-1.1	-12.2
Department of Homeland Security	380	376	330	-1.1	-12.2
Federal correctional activities (753)	5	5	5	0.0	0.0
Department of Justice	5	5	5	0.0	0.0
Federal Prison System	5	5	5	0.0	0.0
Criminal justice assistance (754)	0	0	0	0.0	0.0

^a The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 23. Federal funding for basic research, by budget function: FYs 1978–2026

(Millions of dollars)

Fiscal year	Total for all budget functions	National defense (050)	International affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities (252)	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, employment, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)	General government (800)	Other ^a
1978	3,665	320	*	962	412	157	207	197	9	70	8	57	1,246	0	2	9	10	0	na
1979	4,108	365	0	1,026	440	172	131	222	10	75	8	59	1,579	0	1	10	10	*	na
1980	4,716	552	0	1,152	482	200	136	246	15	79	8	61	1,761	0	1	14	9	*	na
1981	5,107	610	12	1,256	445	220	131	281	17	89	5	66	1,951	0	3	15	5	3	na
1982	5,305	696	10	1,296	434	260	139	295	17	102	7	78	1,953	0	0	13	4	2	na
1983	6,247	788	10	1,439	501	320	156	326	19	117	6	70	2,475	0	0	14	4	3	na
1984	7,072	845	3	1,606	646	365	192	353	20	125	5	77	2,813	0	0	15	5	3	na
1985	7,810	856	4	1,779	498	428	206	406	23	255	6	86	3,243	0	0	15	4	4	na
1986	8,193	960	5	1,795	737	456	204	390	26	184	6	83	3,324	0	0	15	5	5	na
1987	9,021	900	3	1,942	843	511	206	397	26	231	4	78	3,851	0	0	17	8	4	na
1988	9,553	905	3	2,061	944	571	210	428	28	197	7	83	4,087	0	0	17	8	5	na
1989	10,648	965	3	2,265	1,099	703	331	433	29	287	3	92	4,413	0	0	16	7	3	na
1990	11,288	964	4	2,306	1,389	761	336	456	31	242	3	106	4,661	0	0	16	9	3	na
1991	12,405	1,188	6	2,526	1,479	878	389	486	39	246	10	115	5,021	0	0	16	6	0	na
1992	12,973	1,147	6	2,532	1,499	921	383	528	35	266	11	118	5,506	0	0	16	5	0	na
1993	13,440	1,323	8	2,553	1,588	917	376	553	34	238	10	121	5,700	0	0	16	5	0	na
1994	13,552	1,174	6	2,542	1,796	921	224	567	38	220	9	145	5,889	0	0	16	5	0	na
1995	13,772	1,181	0	2,622	1,614	930	187	565	35	389	3	153	6,068	0	0	16	9	0	na
1996	14,442	1,165	2	2,662	1,685	1,182	147	547	37	456	0	140	6,395	0	0	13	12	0	na
1997	14,961	1,090	2	2,753	1,653	1,288	153	548	34	420	0	142	6,852	0	0	14	13	0	na
1998	15,523	1,067	1	4,121	1,610	34	145	571	35	411	0	133	7,356	0	0	23	16	0	na
1999	17,433	1,110	0	4,464	1,667	36	142	602	41	358	0	99	8,634	0	0	263	18	0	na
2000	19,470	1,184	42	4,722	1,616	36	146	651	39	542	0	107	10,099	0	0	266	20	0	na
2001	21,376	1,303	50	5,187	1,695	40	215	749	50	17	0	112	11,642	0	0	289	27	0	na
2002	23,848	1,404	53	5,561	1,912	45	471	762	56	17	0	115	12,957	0	0	465	30	0	na
2003	25,323	1,409	18	5,907	2,206	40	185	824	53	23	1	125	14,162	0	0	327	42	0	na
2004	26,529	1,380	18	6,198	2,473	32	201	780	46	20	0	125	14,850	0	0	347	58	0	na
2005	27,678	1,508	18	6,238	2,486	31	195	789	53	65	0	130	15,826	0	0	297	42	0	na
2006	27,336	1,490	18	6,406	2,299	8	195	805	66	0	0	131	15,532	0	0	318	68	0	na

Table 23. Federal funding for basic research, by budget function: FYs 1978–2026

(Millions of dollars)

Fiscal year	Total for all budget functions	National defense (050)	International affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities (252)	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, employment, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)	General government (800)	Other ^a
2007	28,166	1,533	18	6,887	2,318	7	260	821	92	2	0	149	15,637	0	0	335	106	0	na
2008	28,740	1,631	18	7,260	2,183	16	210	790	98	0	0	146	15,909	0	0	354	125	0	na
2009 ^b	36,400	1,772	18	10,727	932	28	219	799	152	0	0	155	21,108	0	0	375	115	0	na
Non-ARRA	28,161	1,769	18	7,913	900	28	219	799	112	0	0	145	15,767	0	0	375	115	0	na
ARRA	8,240	3	0	2,814	32	0	0	0	40	0	0	10	5,341	0	0	0	0	0	na
2010	29,614	1,849	0	8,578	1,109	57	223	881	131	0	0	174	16,125	0	0	413	74	0	na
2011	29,888	1,940	0	8,738	1,199	47	218	823	154	0	0	207	16,002	0	0	438	122	0	na
2012	31,846	2,066	0	8,491	3,181	57	135	847	163	0	0	206	16,196	0	0	470	33	0	na
2013	30,202	1,950	0	8,147	2,950	17	120	762	192	0	0	208	15,317	0	0	476	63	0	na
2014	32,086	2,167	0	8,739	3,320	16	252	790	213	0	0	227	15,853	0	0	451	58	0	na
2015	31,821	2,213	1	9,308	3,210	55	254	793	214	0	0	217	15,014	0	0	484	58	0	na
2016	32,821	2,335	1	9,282	3,578	51	257	829	235	0	0	244	15,565	0	0	386	58	0	na
2017	34,061	2,304	0	9,168	3,606	21	268	903	234	0	0	258	16,701	0	0	538	59	0	na
2018	36,208	2,381	0	9,932	3,281	50	255	909	222	0	1	335	18,255	0	0	530	57	0	na
2019	39,352	2,613	0	10,177	4,948	49	330	965	233	0	2	329	19,056	0	0	600	52	0	na
2020 ^c	44,331	2,686	0	10,782	6,655	51	117	1,028	241	16	2	348	21,826	0	0	523	57	0	na
2021 ^c	42,883	2,698	4	11,423	5,162	19	118	1,163	260	16	0	340	21,051	0	0	566	63	0	na
2022 ^c	45,222	2,653	7	11,962	5,718	170	149	1,417	270	0	0	324	21,844	0	0	619	88	0	na
2023	47,021	3,013	2	12,875	5,115	24	222	1,271	316	0	0	343	23,097	0	0	683	60	0	na
2024	44,942	2,820	2	12,140	4,344	27	40	1,388	314	0	0	351	22,734	0	0	765	17	0	na
2025 preliminary ^d	44,686	2,715	2	12,216	4,414	11	40	1,421	260	0	0	351	22,421	0	0	818	16	0	na
2026 proposed	29,533	2,263	2	8,121	2,564	12	15	1,069	210	0	0	283	14,158	0	0	823	13	0	na

* = amount less than \$500,000; na = not applicable.

ARRA = American Recovery and Reinvestment Act of 2009.

^a Other includes amounts not explicitly tallied in one of the separately identified categories.

^b Total for FY 2009 is the sum of non-ARRA and ARRA funds.

^c Agencies in several functions received emergency COVID-19 pandemic-related funding for R&D or R&D plant in FYs 2020–22. This funding may be included in this table's data; agency reporting is not clear in all cases.

^d The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Not all basic research funded by the federal government falls into the General science and basic research category. Federal funding for basic research arises in other functional categories—such as National defense or Health—and is included in the category funding totals there. Detail may not add to total because of rounding. In FY 1998, many Department of Energy programs were reclassified from Energy to General science and basic research. In FY 1998, the Department of Veterans Affairs began reporting medical care support funds as a part of its total research budgetary resources; the change is reflected in the budget authority for Veterans benefits and services. In FY 2000, the National Institutes of Health in the Department of Health and Human Services classified all of its previous development activities as basic research or applied research, with a resulting increase in Health basic research. In FY 2000, the National Aeronautics and Space Administration (NASA) transferred funding for the International Space Station program from R&D to R&D plant; the change is reflected in the budget authority for Space flight, research, and supporting activities. In FY 2004, the Department of Homeland Security (DHS) changed its R&D portfolio to reclassify funding in General science and basic research and in Agriculture as Administration of justice. In FY 2007, DHS changed its R&D portfolio to reclassify funding in National defense and most Administration of justice as General science and basic research; in FY 2013, this was reclassified back to Administration of justice. In FYs 2009 and 2012, NASA revised the classification of its R&D and non-R&D funding.

Source(s):

Data from FYs 1978–94 are from agencies' submissions to the Office of Management and Budget (OMB), Circular A-11, exhibit 44A, "Research and development activities," and from supplemental data obtained from agencies' budget offices. Data from FYs 1995–2026 are from agencies' submissions to OMB per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 24. Federal funding for R&D and R&D plant, by budget function: FYs 1955–2026

(Millions of dollars)

Fiscal year	Total for all budget functions	National defense (050)	International affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities (252)	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, employment, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)	General government (800)	Other ^a
R&D obligations																			
1955	2,533	2,151	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67	NA	NA	NA	NA	NA	315
1956	2,988	2,535	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	83	NA	NA	NA	NA	NA	370
1957	3,932	3,327	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	140	NA	NA	NA	NA	NA	465
1958	4,570	3,801	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	177	NA	NA	NA	NA	NA	592
1959	6,694	5,556	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	233	NA	NA	NA	NA	NA	904
1960	7,552	6,107	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	305	NA	NA	NA	NA	NA	1,140
1961	9,059	7,005	NA	137	777	373	73	125	NA	55	NA	NA	405	NA	NA	NA	NA	NA	108
1962	10,290	7,238	NA	187	1,413	448	108	136	NA	101	NA	NA	551	NA	NA	NA	NA	NA	107
1963	12,495	7,764	NA	246	2,812	515	120	146	NA	142	NA	NA	626	NA	NA	NA	NA	NA	125
1964	14,225	7,829	NA	277	4,241	571	134	165	NA	122	NA	NA	728	NA	NA	NA	NA	NA	160
1965	14,614	7,342	NA	304	4,887	585	159	195	NA	147	NA	NA	792	NA	NA	NA	NA	NA	203
1966	15,320	7,536	NA	377	4,976	575	189	201	NA	251	NA	NA	900	NA	NA	NA	NA	NA	315
1967	16,529	8,566	18	409	4,778	600	320	218	43	380	37	154	915	NA	48	41	*	3	na
1968	15,921	8,275	17	437	4,304	657	331	217	48	304	44	166	1,021	NA	50	45	1	5	na
1969	15,641	8,356	26	433	3,799	597	323	221	54	404	32	169	1,088	NA	78	50	5	5	na
1970	15,339	7,981	32	452	3,606	574	340	238	79	535	47	164	1,084	NA	136	59	9	6	na
1971	15,543	8,110	32	513	3,048	556	416	259	90	728	65	215	1,288	NA	145	63	10	7	na
1972	16,496	8,902	29	625	2,932	574	479	294	50	558	66	235	1,547	NA	106	69	23	8	na
1973	16,800	9,002	28	658	2,824	630	554	308	50	572	78	290	1,585	NA	106	74	33	7	na
1974	17,410	9,016	24	749	2,702	759	516	313	51	693	82	236	2,069	NA	71	85	35	9	na
1975	19,039	9,679	29	813	2,764	1,363	624	342	65	635	93	239	2,170	NA	72	95	44	12	na
1976	20,780	10,430	42	858	3,130	1,649	683	383	69	631	109	255	2,351	NA	48	98	35	12	na
1977	23,450	11,864	66	974	2,832	2,562	753	457	71	708	101	230	2,629	NA	55	107	30	13	na
R&D budget authority																			
1978	25,976	12,899	57	1,050	2,939	3,134	904	501	77	768	92	345	2,968	NA	67	111	44	20	na
1979	28,208	13,791	117	1,119	3,136	3,461	1,010	552	93	798	127	354	3,401	NA	57	123	47	23	na
1980	29,739	14,946	125	1,233	2,738	3,603	999	585	101	887	119	468	3,694	NA	47	126	45	22	na
1981	33,735	18,413	160	1,340	3,111	3,501	1,061	659	106	869	104	298	3,871	NA	43	143	34	22	na

Table 24. Federal funding for R&D and R&D plant, by budget function: FYs 1955–2026

(Millions of dollars)

Fiscal year	Total for all budget functions	National defense (050)	International affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities (252)	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, employment, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)	General government (800)	Other ^a
1982	36,115	22,070	165	1,359	2,584	3,012	965	693	104	791	63	228	3,869	NA	32	139	31	10	na
1983	38,768	24,936	177	1,502	2,134	2,578	952	745	107	876	44	189	4,298	NA	32	157	37	6	na
1984	44,214	29,287	192	1,676	2,300	2,581	963	762	110	1,040	46	200	4,779	NA	26	218	24	8	na
1985	49,887	33,698	210	1,862	2,725	2,389	1,059	836	114	1,030	50	220	5,418	NA	21	193	47	17	na
1986	53,249	36,926	211	1,873	2,894	2,286	1,062	815	111	917	88	248	5,565	NA	14	183	41	14	na
1987	57,069	39,152	223	2,042	3,398	2,053	1,133	822	110	908	99	267	6,556	NA	25	215	49	17	na
1988	59,106	40,099	224	2,160	3,683	2,126	1,160	882	122	896	108	285	7,076	NA	23	195	51	17	na
1989	62,115	40,642	279	2,373	4,555	2,419	1,255	907	128	1,064	74	347	7,773	NA	27	212	45	15	na
1990	63,781	39,925	375	2,410	5,765	2,726	1,386	950	140	1,045	67	374	8,308	NA	33	216	44	17	na
1991	65,898	39,328	378	2,635	6,511	2,953	1,582	1,052	178	1,231	88	433	9,226	NA	30	219	51	4	na
1992	68,398	40,083	371	2,659	6,744	3,099	1,688	1,155	192	1,523	127	365	10,055	NA	37	245	51	4	na
1993	69,884	41,249	382	2,691	6,988	2,677	1,802	1,152	220	1,703	57	348	10,280	NA	36	250	49	*	na
1994	68,331	37,764	254	2,712	7,414	2,873	2,062	1,193	380	1,888	68	373	10,993	NA	45	265	46	0	na
1995	68,791	37,204	287	2,794	7,916	2,844	1,988	1,194	525	1,833	70	369	11,407	NA	43	257	59	1	na
1996	69,049	37,801	252	2,846	7,844	2,521	1,802	1,176	432	1,795	50	331	11,867	NA	16	259	56	2	na
1997	71,653	39,591	190	2,944	7,844	2,372	1,886	1,203	409	1,785	48	373	12,670	NA	9	267	59	2	na
1998	73,569	39,823	163	4,360	8,198	948	1,855	1,249	398	1,833	42	444	13,576	NA	18	587	72	2	na
1999	77,637	41,306	190	4,690	8,245	1,131	1,842	1,288	432	1,725	59	403	15,553	NA	38	644	88	3	na
2000	78,664	42,580	200	4,977	5,363	996	1,999	1,426	406	1,636	46	418	17,869	NA	25	645	73	6	na
2001	86,756	45,713	252	5,468	6,126	1,314	2,096	1,657	429	1,640	54	411	20,758	NA	30	719	88	3	na
2002	97,624	53,016	279	5,753	6,270	1,327	2,160	1,606	467	1,838	50	411	23,560	NA	37	756	91	3	na
2003	112,544	63,048	269	6,129	7,355	1,403	2,151	1,708	463	1,869	48	430	26,517	NA	38	817	299	0	na
2004	121,867	69,593	264	6,466	7,612	1,343	2,168	1,750	454	1,863	47	459	28,251	NA	47	866	684	0	na
2005	126,601	74,047	255	6,570	7,300	1,296	2,168	1,820	423	1,847	45	470	28,824	NA	35	742	758	0	na
2006	131,624	78,037	255	6,691	8,204	1,195	2,120	1,869	390	1,711	55	495	28,797	NA	27	769	1,008	0	na
2007	138,087	82,272	246	7,809	9,024	1,893	1,936	1,857	428	1,361	49	536	29,461	NA	27	819	369	0	na
2008	140,113	84,713	255	8,234	8,323	1,896	2,106	1,864	450	1,394	50	497	29,063	NA	27	886	355	0	na
2009 ^b	156,009	85,166	255	11,840	6,891	3,318	2,245	1,935	618	1,440	62	479	40,389	30	63	943	335	0	na
Non-ARRA	140,903	84,866	255	8,885	6,205	2,014	2,171	1,935	507	1,336	62	469	30,827	30	63	943	335	0	na

Table 24. Federal funding for R&D and R&D plant, by budget function: FYs 1955–2026

(Millions of dollars)

Fiscal year	Total for all budget functions	National defense (050)	International affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities (252)	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, employment, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)	General government (800)	Other ^a
ARRA	15,106	300	0	2,955	686	1,304	74	0	111	104	0	10	9,562	0	0	0	0	0	na
2010	146,596	86,517	194	9,280	8,232	2,455	2,237	2,043	550	1,496	109	535	31,488	36	77	1,034	313	0	na
2011	142,457	82,972	196	9,483	8,398	2,233	2,171	1,916	548	1,420	83	578	30,903	180	68	1,160	172	0	na
2012	141,450	79,559	269	9,304	10,661	2,197	2,147	1,920	607	1,486	58	597	31,243	80	18	1,160	143	1	na
2013	130,861	70,620	350	8,802	10,476	2,269	2,020	1,753	719	1,337	54	536	30,044	72	26	1,164	618	0	na
2014	133,547	70,611	410	9,482	11,055	2,387	2,172	1,967	877	1,261	66	515	30,927	25	58	1,101	634	0	na
2015	136,090	72,560	290	10,068	10,875	3,153	2,161	1,989	809	1,363	55	491	30,331	71	55	1,178	639	0	na
2016	147,813	79,828	288	10,042	12,789	3,473	2,294	2,030	887	1,326	65	474	32,365	21	105	1,222	605	0	na
2017 ^c	124,710	57,055	289	9,947	10,134	3,519	2,378	2,090	901	1,444	71	478	34,255	21	74	1,346	707	0	na
2018	140,701	68,325	238	10,692	10,455	4,212	2,383	2,074	840	1,551	144	534	37,151	20	106	1,286	690	0	na
2019	145,615	71,396	235	10,961	10,016	4,433	2,486	2,205	783	1,582	165	517	38,755	20	102	1,370	590	0	na
2020 ^d	163,875	79,389	226	11,620	14,158	4,391	2,653	2,332	858	1,674	97	527	43,936	20	106	1,366	522	0	na
2021 ^d	158,550	77,219	230	12,118	11,512	4,381	3,395	2,514	946	1,685	104	554	40,877	20	91	1,436	475	0	na
2022 ^d	180,196	83,857	173	13,246	14,453	6,340	2,848	3,000	5,976	2,274	8	679	44,943	20	90	1,588	701	0	na
2023	193,078	101,060	178	13,715	10,841	6,342	3,175	2,654	3,362	1,651	5	527	47,576	20	106	1,366	500	0	na
2024	182,441	95,870	198	13,662	10,149	5,996	541	2,679	2,479	2,141	5	792	45,623	0	95	1,826	385	0	na
2025 preliminary ^e	175,451	89,745	134	13,259	10,595	5,895	541	2,672	2,181	2,157	5	751	45,201	0	94	1,839	381	0	na
2026 proposed	136,900	83,071	198	8,599	6,770	1,916	369	2,277	2,444	1,840	5	375	26,742	0	95	1,864	335	0	na
R&D and R&D plant budget authority ^f																			
2000	83,581	43,161	200	5,593	8,437	1,000	2,082	1,561	530	1,664	46	429	18,121	NA	25	645	73	14	na
2001	91,505	46,202	252	6,353	8,951	1,320	2,138	1,826	468	1,654	54	424	21,023	NA	30	719	88	3	na
2002	103,057	53,731	279	6,605	9,227	1,332	2,175	1,909	549	1,889	50	426	23,998	NA	37	756	91	3	na
2003	118,065	63,708	269	6,999	9,677	1,412	2,198	2,042	534	1,888	48	444	27,677	NA	38	817	316	0	na
2004	126,270	70,344	264	7,352	9,746	1,369	2,244	1,910	499	1,881	47	469	28,480	NA	47	866	752	0	na
2005	131,259	74,641	255	7,477	9,656	1,324	2,245	2,094	475	1,866	45	495	29,129	NA	35	742	779	0	na
2006	136,019	78,737	255	7,539	10,401	1,244	2,219	2,118	461	1,730	55	523	28,932	NA	27	769	1,008	0	na

Table 24. Federal funding for R&D and R&D plant, by budget function: FYs 1955–2026

(Millions of dollars)

Fiscal year	Total for all budget functions	National defense (050)	International affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities (252)	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, employment, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)	General government (800)	Other ^a
2007	141,890	82,658	246	8,712	10,988	1,922	2,096	1,950	516	1,380	49	577	29,581	NA	27	820	369	0	na
2008	144,391	85,129	255	9,007	10,672	2,076	2,202	1,997	560	1,413	50	549	29,212	NA	27	886	355	0	na
2009 ^b	164,292	85,642	255	14,128	9,060	3,794	2,615	2,249	1,051	1,461	62	553	42,051	30	63	943	335	0	na
Non-ARRA	145,553	85,342	255	9,941	8,374	2,234	2,371	2,073	641	1,357	62	543	30,989	30	63	943	335	0	na
ARRA	18,739	300	0	4,187	686	1,560	244	176	410	104	0	10	11,062	0	0	0	0	0	na
2010	148,962	86,789	194	10,509	8,232	2,570	2,430	2,206	668	1,517	109	581	31,693	36	77	1,034	318	0	na
2011	144,379	83,226	196	10,581	8,658	2,265	2,314	1,768	650	1,420	83	636	30,990	180	68	1,160	184	0	na
2012	143,737	79,875	269	10,536	10,801	2,231	2,300	2,005	698	1,511	58	640	31,411	80	18	1,160	143	1	na
2013	132,477	70,781	350	9,620	10,476	2,289	2,169	1,818	795	1,359	54	572	30,200	72	26	1,164	730	0	na
2014	136,159	70,992	410	10,524	11,228	2,407	2,328	2,077	957	1,278	66	542	31,099	25	58	1,101	1,067	0	na
2015	138,544	72,950	290	11,088	10,928	3,173	2,358	2,149	889	1,389	55	527	30,495	71	55	1,178	949	0	na
2016	150,393	80,202	288	11,328	12,811	3,492	2,471	2,350	1,033	1,361	65	505	32,526	21	105	1,222	613	0	na
2017 ^c	127,306	57,530	289	11,289	10,187	3,544	2,533	2,302	1,036	1,479	71	505	34,393	21	74	1,346	707	0	na
2018	144,460	68,916	238	12,559	10,552	4,233	2,662	2,346	1,184	1,594	144	614	37,316	20	106	1,286	690	0	na
2019	149,971	72,027	235	13,165	10,133	4,473	2,845	2,719	920	1,621	165	587	38,998	20	102	1,370	590	0	na
2020 ^d	169,901	81,874	226	13,659	14,206	4,539	2,879	2,674	1,008	1,712	97	581	44,431	20	106	1,366	522	0	na
2021 ^d	161,676	78,368	230	14,150	11,566	4,512	3,637	2,800	1,069	1,720	104	588	41,090	20	91	1,436	453	0	na
2022 ^d	186,765	85,299	173	16,390	14,553	7,114	3,155	3,295	6,090	2,314	8	719	45,244	20	90	1,588	714	0	na
2023	198,941	102,310	106	15,701	10,920	6,460	3,336	2,972	3,729	1,689	5	581	49,067	20	106	1,366	500	0	na
2024	199,342	105,686	252	15,659	10,215	6,140	3,247	2,910	2,639	2,198	5	819	47,206	0	95	1,826	446	0	na
2025 preliminary ^e	188,596	96,695	220	14,626	10,647	6,004	3,196	2,889	2,302	2,234	5	790	46,613	0	94	1,839	442	0	na
2026 proposed	153,666	93,385	252	10,147	6,822	1,964	1,358	2,451	2,565	1,916	5	398	30,044	0	95	1,864	400	0	na

* = amount less than \$500,000. na = not applicable. NA = not available; data were not collected for all budget functions in all years.

ARRA = American Recovery and Reinvestment Act of 2009.

^a Other includes amounts not explicitly tallied in one of the separately identified categories.

^b Total for FY 2009 is the sum of non-ARRA and ARRA funds.

^c The data for FY 2017 and onward reflect application of the narrowed definition of *development* described by the Office of Management and Budget (OMB) in its Circular A-11 of July 2016. The previous years' numbers reflect use of the former *development* definition.

^d Agencies in several functions received emergency COVID-19 pandemic-related funding for R&D or R&D plant in FYs 2020–22. This funding may be included in this table's data; agency reporting is not clear in all cases.

^e The preliminary data available from the agencies for FY 2024 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

^f Data on budget authority for R&D plant were not tabulated before FY 2000.

Note(s):

Detail may not add to total because of rounding. In FY 1998, many Department of Energy programs were reclassified from Energy to General science and basic research. In FY 1998, the Department of Veterans Affairs began reporting medical care support funds as a part of its total research budgetary resources; the change is reflected in the budget authority for Veterans benefits and services. In FY 2000, the National Institutes of Health in the Department of Health and Human Services classified all of its previous development activities as basic research or applied research, with a resulting increase in Health basic research. In FY 2000, the National Aeronautics and Space Administration (NASA) transferred funding for the International Space Station program from R&D to R&D plant; the change is reflected in the budget authority for Space flight, research, and supporting activities. In FY 2004, the Department of Homeland Security (DHS) changed its R&D portfolio to reclassify funding in General science and basic research and in Agriculture as Administration of justice. In FY 2007, DHS changed its R&D portfolio to reclassify funding in National defense and most Administration of justice as General science and basic research; in FY 2013, this was reclassified back to Administration of justice. In FYs 2009 and 2012, NASA revised the classification of its R&D and non-R&D funding.

Source(s):

Data from FYs 1955–2026 are from agencies' submissions to OMB per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 25. Federal funding for R&D and R&D plant for National defense and Civilian functions: FYs 1955–2026

(Millions of dollars and percent distribution)

Fiscal year	\$millions			% distribution		
	Total	National defense	Civilian functions	Total	National defense	Civilian functions
R&D obligations						
1955	2,533	2,151	382	100.0	84.9	15.1
1956	2,988	2,535	453	100.0	84.8	15.2
1957	3,932	3,327	605	100.0	84.6	15.4
1958	4,570	3,801	769	100.0	83.2	16.8
1959	6,694	5,556	1,138	100.0	83.0	17.0
1960	7,552	6,107	1,445	100.0	80.9	19.1
1961	9,059	7,005	2,054	100.0	77.3	22.7
1962	10,290	7,238	3,052	100.0	70.3	29.7
1963	12,495	7,764	4,731	100.0	62.1	37.9
1964	14,225	7,829	6,396	100.0	55.0	45.0
1965	14,614	7,342	7,272	100.0	50.2	49.8
1966	15,320	7,536	7,784	100.0	49.2	50.8
1967	16,529	8,566	7,963	100.0	51.8	48.2
1968	15,921	8,275	7,646	100.0	52.0	48.0
1969	15,641	8,356	7,285	100.0	53.4	46.6
1970	15,339	7,981	7,358	100.0	52.0	48.0
1971	15,543	8,110	7,433	100.0	52.2	47.8
1972	16,496	8,902	7,594	100.0	54.0	46.0
1973	16,800	9,002	7,798	100.0	53.6	46.4
1974	17,410	9,016	8,394	100.0	51.8	48.2
1975	19,039	9,679	9,360	100.0	50.8	49.2
1976	20,780	10,430	10,350	100.0	50.2	49.8
1977	23,450	11,864	11,586	100.0	50.6	49.4
R&D budget authority						
1978	25,976	12,899	13,077	100.0	49.7	50.3
1979	28,208	13,791	14,417	100.0	48.9	51.1
1980	29,739	14,946	14,793	100.0	50.3	49.7
1981	33,735	18,413	15,322	100.0	54.6	45.4
1982	36,115	22,070	14,045	100.0	61.1	38.9
1983	38,768	24,936	13,832	100.0	64.3	35.7
1984	44,214	29,287	14,927	100.0	66.2	33.8
1985	49,887	33,698	16,189	100.0	67.5	32.5
1986	53,249	36,926	16,323	100.0	69.3	30.7
1987	57,069	39,152	17,917	100.0	68.6	31.4
1988	59,106	40,099	19,007	100.0	67.8	32.2
1989	62,115	40,642	21,473	100.0	65.5	34.5
1990	63,781	39,925	23,856	100.0	62.6	37.4
1991	65,898	39,328	26,570	100.0	59.7	40.3
1992	68,398	40,083	28,315	100.0	58.6	41.4
1993	69,884	41,249	28,635	100.0	59.0	41.0
1994	68,331	37,764	30,566	100.0	55.3	44.7
1995	68,791	37,204	31,587	100.0	54.1	45.9
1996	69,049	37,801	31,248	100.0	54.7	45.3
1997	71,653	39,591	32,062	100.0	55.3	44.7
1998	73,569	39,823	33,746	100.0	54.1	45.9
1999	77,637	41,306	36,332	100.0	53.2	46.8
R&D and R&D plant budget authority						
2000	83,581	43,161	40,420	100.0	51.6	48.4
2001	91,505	46,202	45,303	100.0	50.5	49.5
2002	103,057	53,731	49,326	100.0	52.1	47.9
2003	118,065	63,708	54,357	100.0	54.0	46.0

Table 25. Federal funding for R&D and R&D plant for National defense and Civilian functions: FYs 1955–2026

(Millions of dollars and percent distribution)

Fiscal year	\$millions			% distribution		
	Total	National defense	Civilian functions	Total	National defense	Civilian functions
2004	126,270	70,344	55,926	100.0	55.7	44.3
2005	131,259	74,641	56,618	100.0	56.9	43.1
2006	136,019	78,737	57,282	100.0	57.9	42.1
2007	141,890	82,658	59,232	100.0	58.3	41.7
2008	144,391	85,129	59,262	100.0	59.0	41.0
2009 ^a	164,292	85,642	78,650	100.0	52.1	47.9
Non-ARRA	145,553	85,342	60,211	100.0	58.6	41.4
ARRA	18,739	300	18,439	100.0	1.6	98.4
2010	148,962	86,789	62,173	100.0	58.3	41.7
2011	144,379	83,226	61,153	100.0	57.6	42.4
2012	143,737	79,875	63,862	100.0	55.6	44.4
2013	132,477	70,781	61,696	100.0	53.4	46.6
2014	136,159	70,992	65,167	100.0	52.1	47.9
2015	138,544	72,950	65,594	100.0	52.7	47.3
2016	150,393	80,202	70,191	100.0	53.3	46.7
2017 ^b	127,306	57,530	69,776	100.0	45.2	54.8
2018	144,459	68,916	75,543	100.0	47.7	52.3
2019	149,971	72,027	77,944	100.0	48.0	52.0
2020 ^c	169,901	81,874	88,027	100.0	48.2	51.8
2021 ^c	161,885	78,368	83,517	100.0	48.4	51.6
2022 ^c	186,765	85,299	101,466	100.0	45.7	54.3
2023	198,941	102,310	96,631	100.0	51.4	48.6
2024	199,342	105,686	93,656	100.0	53.0	47.0
2025 preliminary ^d	188,596	96,695	91,901	100.0	51.3	48.7
2026 proposed	153,666	93,385	60,281	100.0	60.8	39.2

ARRA = American Recovery and Reinvestment Act of 2009.

^a The total for FY 2009 is the sum of non-ARRA and ARRA funds.^b The application of a narrowed *development* definition (by the Office of Management and Budget [OMB]) is shown starting in FY 2017. The previous years' numbers reflect use of the former *development* definition.^c Agencies in several functions received emergency COVID-19 pandemic-related funding for R&D or R&D plant in FYs 2020–22. This funding may be included in this table's data; agency reporting is not clear in all cases.^d The preliminary data available from the agencies for FY 2024 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.**Note(s):**

The National defense function includes Department of Defense military activities and Department of Energy atomic energy defense programs; some years also include defense-related R&D in the Department of Homeland Security and the Department of Justice. Civilian functions include all other federally funded R&D activities.

Source(s):Agencies' submissions to OMB per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Table 26. Federal funding for R&D plus capital R&D, by GBARD socioeconomic objectives: FYs 2000–26

(Millions of dollars)

Fiscal year	Note: R&D funds	Note: Capital R&D funds	Total for all socioeconomic categories	1. Exploration and exploitation of the earth	2. Environment	3. Exploration and exploitation of space	4. Transport, telecommunication, and other infrastructures	5. Energy	6. Industrial production and technology	7. Health	8. Agriculture	9. Education	10. Culture, recreation, religion, and mass media	11. Political and social systems, structures, and processes	12. General advancement of knowledge: R&D financed from GUF ^a	13. General advancement of knowledge: R&D financed from sources other than GUF	14. Defense
2000	67,764	4,917	72,681	868	537	8,437	1,710	1,031	530	18,766	2,155	NA	NA	NA	0	5,593	32,261
2001	73,789	4,749	78,538	896	574	8,951	1,708	1,320	468	21,741	2,452	NA	NA	NA	0	6,353	33,235
2002	83,232	5,433	88,665	997	592	9,227	1,939	1,332	549	24,754	2,494	NA	NA	NA	0	6,605	39,339
2003	93,246	5,521	98,767	989	567	9,677	1,917	1,403	463	27,335	2,303	NA	NA	NA	0	6,129	46,949
2004	101,843	4,403	106,246	1,027	662	9,746	1,948	1,370	479	29,346	2,466	NA	NA	NA	0	7,352	50,320
2005	106,674	4,658	111,332	1,053	641	9,656	1,918	1,324	468	29,871	2,646	NA	NA	NA	0	7,477	54,714
2006	110,047	4,395	114,442	1,045	622	10,401	1,787	1,244	459	29,702	2,670	NA	NA	NA	0	7,539	57,160
2007	113,888	3,803	117,691	965	738	10,988	1,436	1,922	487	31,080	2,325	449	19	769	0	8,712	57,802
2008	112,432	4,278	116,710	1,300	548	10,672	1,475	2,076	518	31,054	2,332	428	19	756	0	9,007	56,493
2009	128,316	8,283	136,599	1,677	565	9,060	1,536	3,794	963	43,926	2,629	464	25	754	0	14,128	57,046
2010	117,016	2,366	119,382	867	599	8,232	1,640	2,570	1,105	34,206	2,628	491	34	468	0	10,776	55,765
2011	111,464	1,922	113,386	1,315	584	8,658	1,518	2,265	532	33,536	2,211	546	27	585	0	10,581	51,027
2012	114,509	2,287	116,796	1,325	569	10,801	1,591	2,231	557	33,924	2,386	565	26	562	0	10,536	51,662
2013	107,992	1,616	109,608	1,282	540	10,476	1,439	2,289	596	32,454	2,160	486	25	1,283	0	9,620	46,894
2014	109,890	2,612	112,502	1,403	545	11,228	1,364	2,407	655	33,451	2,442	469	27	1,867	0	10,524	46,109
2015	112,766	2,454	115,220	1,444	528	10,928	1,479	3,173	669	33,443	2,540	525	27	1,436	0	11,088	47,927
2016	123,514	2,579	126,093	1,565	520	12,811	1,451	3,492	762	35,891	2,738	505	27	1,219	0	11,328	53,782
2017	124,709	2,597	127,306	1,653	505	10,187	1,586	3,544	750	37,862	2,668	505	27	1,289	0	11,289	55,441
2018	140,700	3,759	144,459	1,688	537	10,552	1,861	4,233	973	40,660	2,698	614	26	564	0	12,559	67,494
2019	145,615	4,356	149,971	1,799	521	10,133	1,895	4,473	763	42,568	3,086	587	27	593	0	13,165	70,361
2020	163,875	6,026	169,901	1,778	556	14,206	1,926	4,539	821	48,055	3,061	581	28	596	0	13,659	80,095
2021	157,611	4,274	161,885	2,519	574	11,566	1,911	4,529	952	44,941	3,222	588	28	521	0	14,150	76,384
2022	180,196	6,680	186,876	2,026	573	14,553	2,496	7,114	5,761	49,486	3,905	719	28	484	0	16,390	83,342
2023	193,078	5,863	198,941	2,375	624	10,920	2,038	6,460	3,000	50,453	3,442	581	28	559	0	15,701	102,760
2024	182,441	7,888	199,342	2,080	550	10,215	2,525	6,140	2,300	49,032	3,221	819	5	669	0	15,659	106,127
2025 preliminary ^b	175,451	6,562	188,596	2,056	549	10,647	2,501	6,004	1,963	48,452	3,240	790	5	642	0	14,626	97,121
2026 proposed	136,900	16,611	153,666	788	378	6,822	2,066	1,964	2,140	31,908	2,521	398	1	746	0	10,147	93,787

NA = not available.

GBARD = government budget allocations for R&D; GUF = general university funds.

^a Unlike many other countries, the United States does not support R&D by higher education institutions through large block grants to cover administrative, teaching, and research costs. Accordingly, the data entries for the United States in this column are always zero.

^b The preliminary data available from the agencies for FY 2025 at the time of this report reflect mainly the annualized continuing resolution funding levels that existed through early March 2025, which were later extended by a continuing resolution to the end of FY 2025.

Note(s):

Detail may not add to total because of rounding. The data in this table reflect an estimated adjustment to the previously published 2000–16 time series totals (in tables 23 and 24) applying the narrowed definition of *development* described by the Office of Management and Budget (OMB) in its Circular A-11 of July 2016. The 14 socioeconomic objectives categories listed are those identified by the European Union in the 2007 edition of its *Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets* (NABS). The NABS categories are the basis of the GBARD indicators that the Organisation for Economic Co-operation and Development reports for member countries and selected others in its twice-yearly *Main Science and Technology Indicators* reports. U.S. data for objectives 9, 10, and 11 are not reported for 2000–06 because the NABS category revisions of 2007 and equivalent data for these earlier years were not available. The lack of availability of details for these objectives is the main reason that the sum of the reported details for 2000–06 do not add to the "R&D plus capital R&D" totals.

Source(s):

National Center for Science and Engineering Statistics, reclassification (2022) according to NABS category definitions of R&D funding from agencies' submissions to OMB per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices.

Technical Notes

Overview

All activities covered by the federal budget, including research and development (R&D), are classified into 20 broad functional categories (see section “[Budget Functions and Classifying R&D](#)”). R&D activities currently are in 16 of the 20 categories.

The tables in this report provide R&D budget authority for FYs 2024–26 by agency and major programs for each of the categories in which R&D is present. Several concluding tables also show budget authority data for R&D in FY 2023 and earlier years.

Budget authority is the primary source of legal authorization to enter into obligations that result in outlays. The data for FY 2024 are the *actual* budget authorities received by federal agencies for R&D activities that year. These numbers update the preliminary data for FY 2024 published in the previous edition (FYs 2023–25) of this report series.

The data for FY 2025 are *preliminary*. The preliminary data available from the agencies for FY 2025 at the time of this report reflect the annualized continuing resolution funding levels.

These preliminary numbers are normally agency estimates based on final congressional appropriations for the fiscal year. However, FY 2025 operated under a full-year continuing resolution. Supplemental detailed data were collected from agencies primarily through May 2025, and thus data may not include the anomalies to the Full-Year Continuing Appropriations and Extensions Act, 2025 (H.R. 1968, Public Law 119-4) that removed some Congressionally Directed Spending and Community Project Funding from certain agencies.

The data for FY 2026 are the funding levels *proposed* by the president’s *Budget of the United States Government, Fiscal Year 2026* (released 2 May 2025). At the time of this compilation, the funding levels for FY 2026 were the subject of ongoing legislation by Congress.

The data throughout this report reflect agency documents and other Office of Management and Budget (OMB) data available through November 2025. Data reported here as *preliminary* or *proposed* will be revised in subsequent editions of this report series to reflect the eventual congressional appropriation actions and agency program funding decisions.

In general, the agencies’ estimates of funding for R&D in FYs 2024 and 2025 that stem from the Infrastructure Investment and Jobs Act (IIJA) (P.L. 117-58), CHIPS and Science Act (P.L. 117-167), and the Inflation Reduction Act (P.L. 117-169) are not independently documented and cannot be separated from the appropriations totals—with the exception of one account documented by the U.S. Geological Survey for IIJA funds. Additionally, Congressionally Funded Projects (known in the Senate as Congressionally Directed Spending and in the House as Community Project Funding) were reintroduced in FY 2022 and may have contributed to increases in R&D for some agencies. Additionally, the data were collected prior to the final passage of One Big Beautiful Bill Act (P.L. 119-21) and the Rescissions Act of 2025 (P.L. 119-28) and do not include the additions or subtractions to accounts from these laws.

[Table 26](#) of this report reclassifies the budget function data in this report’s earlier tables according to the 14 socioeconomic objective categories identified by the European Union’s NABS classification (Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets, 2007 edition). NABS is used by the Organisation for Economic Co-operation and Development (OECD) in reporting government budget allocations for R&D (GBARD) indicators. The GBARD indicators are widely recognized around the world as a basis for comparing countries’ priorities for government R&D funding.

The National Center for Science and Engineering Statistics has reviewed this product for unauthorized disclosure of confidential information and approved its release (NCSES-DRN25-068).

Definitions

Research, Development, and R&D Plant

In this report, R&D refers to basic research, applied research, and experimental development activities in science and engineering.

Research and experimental development is creative and systematic work undertaken in order to increase the stock of knowledge—including knowledge of people, culture, and society—and to devise new applications using available knowledge.

R&D includes administrative expenses, such as the operating costs of research facilities and equipment and other overhead costs. It also includes funds for the purchase of minor equipment—such as personal computers, standard microscopes, and simple spectrometers.

Basic research is experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts. Basic research may include activities with broad or general applications in mind, such as the study of how plant genomes change, but should exclude research directed toward a specific application or requirement, such as the optimization of the genome of a specific crop species.

Applied research is original investigation undertaken in order to acquire new knowledge. Applied research is, however, directed primarily toward a specific, practical aim or objective.

Experimental development is creative and systematic work, drawing on knowledge gained from research and practical experience, which is directed at producing new products or processes or improving existing products or processes. Like research, experimental development will result in gaining additional knowledge.

Experimental development activities include (1) the production of materials, devices, and systems or methods, including the design, construction, and testing of experimental prototypes and (2) technology demonstrations, where a system or component is being demonstrated at scale for the first time and it is realistic to expect additional refinements to the design (feedback R&D) following the demonstration.

Before the publication of OMB's revised guidance in Circular A-11 of July 2016, a more expansive definition of "development" was the basis for agency R&D reporting. The present guidance now identifies several specific exclusions. Experimental development does not include (1) *user demonstrations*, where the cost and benefits of a system are being validated for a specific use case (e.g., low-rate initial production activities), or (2) *preproduction development*, which is defined as nonexperimental work on a product or system before it goes into full production, including activities such as tooling and development of production facilities. For example, activities and programs that are categorized as "Operational Systems Development" in the Department of Defense's research, development, test, and evaluation (RDT&E) budget activity structure are no longer included as R&D. Activities and programs of that type generally are now reported as investments in other major non-R&D equipment.

R&D plant includes facilities and major equipment necessary for the execution of an R&D program. It includes the purchase, construction, manufacture, rehabilitation, or major improvement of physical assets such as land, major fixed equipment, and supporting infrastructure like a sewer line or housing at a remote location. It also includes the acquisition, design, or production of major movable equipment, such as mass spectrometers, research vessels, DNA sequencers, and other movable major instruments for use in R&D activities.

The data in this report exclude (1) all non-R&D activities performed within budget functions that conduct R&D and (2) all functions in which no R&D is conducted. [Table 6](#) is an exception, however; it continues to report RDT&E totals that previously would have been classified as R&D. In part, this table provides a gauge of the impact of the narrowed definition of development (as detailed earlier) on defense R&D totals.

Budget Authority, Obligations, and Outlays

The federal R&D funding data presented here are provided in terms of *budget authority*. Budget authority should not be confused with congressional authorization. In congressional legislative parlance, authorized funding levels are not the same as enacted budget authority. Authorizations are policy bills that establish, continue, or modify federal programs and may set authorized spending levels, but they do not provide actual funding to an agency. Appropriations, on the other hand, provide new budget authority for federal programs and in doing so provide actual funding. Budget authority is used because it is the initial budget stage for congressional action on the president's proposed budget. Budget authority imposes a ceiling on obligations and outlays; obligations and outlays flow from budget authority.

Budget authority is the primary source of legal authorization to enter into obligations that will result in outlays. Budget authority is most commonly granted in the form of appropriations by the congressional committees assigned to determine the budget for each function.

Obligations represent the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required.

Outlays represent the amounts for checks issued and cash payments made during a given period, regardless of when the funds were appropriated or obligated.

Budget Functions and Classifying R&D

The federal budget total is the sum of funding across the 20 broad functional categories. These categories are National defense (function 050); International affairs (150); General science, space, and technology (250); Energy (270); Natural resources and environment (300); Agriculture (350); Commerce and housing credit (370); Transportation (400); Community and regional development (450); Education, training, employment, and social services (500); Health (550); Medicare (570); Income security (600); Social security (650); Veterans benefits and services (700); Administration of justice (750); General government (800); Net interest (900); Allowances (920); and Undistributed offsetting receipts (950).

R&D has never been reported in 4 of these 20 functions: Social security (650), Net interest (900), Allowances (920), and Undistributed offsetting receipts (950). As such, these categories are not present in this report's data—except indirectly, where R&D is described as a proportion of total federal budget authority.

Small amounts of R&D had been reported in the General government (800) category up through FY 2002 but turned to zero thereafter. A small amount of R&D was again reported in FY 2012 but has been zero throughout the FY 2024–26 period covered in this report. Medicare (570) reported zero R&D starting in 2024, but the category has been kept in the data tables in case levels increase in the future.

To better highlight R&D areas of high interest, the tables in this report split the General science, space, and technology (250) category into its two subfunctions: General science and basic research (251) and Space flight, research, and supporting activities (252).

Overall, this report's tables separately cover 16 functional categories: 14 at the broad functional category level and 2 at the subcategory level—i.e., General science and basic research (251) and Space flight, research, and supporting activities (252).

Each R&D activity is assigned to only one functional category—which is consistent with the official codes used in budget documents, even though the R&D activity may address the objectives of several functions. For example, all R&D activities sponsored by the Department of Defense (except for those of the Army Corps of Engineers) are classified as National defense (050), even though some of these have secondary objectives, such as Space flight, research, and supporting activities (252) or Health (550). Nonetheless, an agency's overall R&D effort can involve multiple activities spread across several functional categories, which means that a functional category can show the presence of several agencies.

Finally, not all federally sponsored basic research is categorized in the General science and basic research (251) subfunction. Some basic research is included in many of the other functional categories. Also, not all of the R&D included in the General science and basic research (251) subfunction is basic research—some is applied research.

Table A-1 maps the mix of agency funding of R&D activities in FYs 2024–26 across the budget function categories.

Data Sources

The federal budget does not include a separately identified R&D account. Furthermore, most appropriations for R&D are not directly labeled as such (except in certain program areas, such as defense, energy, health, and environment). Thus, most funds for R&D are not line items in agency budget submissions but are included instead as part of general program funding.

To provide information on federal R&D funding, OMB requires all agencies with R&D funding levels greater than \$10 million annually to submit data on their R&D programs as part of their annual budget submissions. Such agencies are requested to provide data on their funding levels for basic research, applied research, experimental development, R&D facilities, and capital equipment for R&D, in accordance with OMB's Circular A-11, Section 84, "Character Classification (Schedule C)" at <https://www.whitehouse.gov/wp-content/uploads/2018/06/a11.pdf>.

The data in this report were collected from May through November 2025 and represent the agencies' official estimates of actual and proposed federal funding for R&D over FYs 2024–26. The data are based primarily on information provided to OMB by 25 agencies, which account for about 99% of all federally sponsored R&D activities. (OMB has routinely tracked the R&D budget authority for these 25 agencies; other agencies with negligible levels of R&D budget authority are excluded, and some agencies may not have responded to OMB's data call within the data collection period.) The data reflect R&D funding information that became available from individual agencies after the administration's FY 2026 budget proposal, *Budget of the United States Government, Fiscal Year 2026*, was prepared and transmitted to Congress on 2 May 2025. This information consists of budget justification documents that agencies submit to Congress and supplemental, program-specific information obtained from agency budget and program staff through November 2025. Accordingly, the budget numbers reported for individual activities, programs, or agencies may differ somewhat from those published in the president's budget or in agency budget documents.

Technical Tables

Table	Title
A-1	Agency and budget function crosswalk, federal R&D funding, by budget function: FYs 2024–26

Table A-1. Agency and budget function crosswalk, federal R&D funding, by budget function: FYs 2024–26

(Crosswalk)

Agency	Budget function															
	National defense (050)	International affairs (150)	General science and basic research (251)	Space flight, research, and supporting activities (252)	Energy (270)	Natural resources and environment (300)	Agriculture (350)	Commerce and housing credit (370)	Transportation (400)	Community and regional development (450)	Education, training, employment, and social services (500)	Health (550)	Medicare (570)	Income security (600)	Veterans benefits and services (700)	Administration of justice (750)
Agency for International Development		X														
Army Corps of Engineers (civil)						X										
Consumer Product Safety Commission												X				
Department of Agriculture						X	X									
Department of Commerce						X		X								
Department of Defense (military)	X															
Department of Education											X					
Department of Energy	X		X		X											
Department of Health and Human Services												X	X	X		
Department of Homeland Security	X					X			X							X
Department of the Interior						X				X						
Department of Justice	X															X
Department of State		X														
Department of Transportation									X							
Department of Veterans Affairs															X	
Environmental Protection Agency						X										
National Aeronautics and Space Administration				X					X							
National Science Foundation			X													
Nuclear Regulatory Commission					X											
Postal Service								X								
Smithsonian Institution											X					
Social Security Administration														X		
Tennessee Valley Authority					X											

X = R&D function funded by specified agency.

Source(s):Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2026*.

Acknowledgments and Suggested Citation

Acknowledgments

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