

TABLE 60

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	DOD R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
All institutions	-	9,047,729	1,089,161	321,866	1,632,039	185,496	739,426	80,354	101,687	110,168	4,687,204	100,328
Johns Hopkins U. ^a	1	1,628,821	228,975	16,325	63,808	113,989	219,781	218	6,108	57,297	922,320	0
Georgia Institute of Technology	2	811,759	131,705	697	3,254	181	2,825	939	429	0	662,212	9,517
Uniformed Services U. of the Health Sciences	3	396,092	0	0	356,715	0	0	39,377	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	4	343,365	57,476	5,889	5,782	13,812	18,228	542	1,107	0	236,862	3,667
U. Texas, Austin	5	252,267	46,718	153	3,468	1,217	44,525	450	211	6	153,701	1,818
U. Dayton	6	204,029	22,876	91	256	0	207	0	0	0	179,859	740
Utah State U.	7	170,044	0	0	1,248	0	361	0	3	0	167,769	663
U. Maryland ^b	8	146,036	22,727	835	25,314	1,230	18,080	363	21,730	16,459	39,298	0
U. Southern California	9	132,806	89,224	0	9,103	267	3,318	309	731	0	29,822	32
Massachusetts Institute of Technology	10	130,434	34,288	1,055	5,818	1,699	16,713	0	196	738	68,975	952
U. California, San Diego	11	126,228	0	66,087	18,640	9	9,408	1,697	748	0	28,000	1,639
U. Washington, Seattle	12	126,010	5,671	41,115	35,176	711	4,312	592	1,795	0	36,292	346
Carnegie Mellon U.	13	121,019	73,856	0	201	1,924	821	1,704	726	0	41,787	0
Wichita State U.	14	112,906	0	0	0	0	0	0	0	0	111,317	1,589
Colorado State U., Fort Collins	15	106,769	1,081	2,543	90,037	705	1,346	188	4,976	762	5,131	0
Texas A&M U., College Station and Health Science Center	16	88,719	3,879	1,195	11,707	375	1,236	56	1,122	24	68,199	926
Stanford U.	17	87,775	5,736	2,178	25,449	1,084	18,833	613	1,612	0	31,851	419
Purdue U., West Lafayette	18	86,728	4,234	15	3,009	344	4,859	0	0	0	70,631	3,636
U. Michigan, Ann Arbor	19	79,110	179	370	12,753	965	4,426	0	5,130	0	55,287	0
Virginia Polytechnic Institute and State U.	20	71,734	5,095	0	2,778	4,464	2,357	7	0	0	43,779	13,254
U. Pittsburgh, Pittsburgh	21	70,896	3,129	8	51,685	777	5,006	0	14	171	10,038	68
U. Alabama, Huntsville	22	67,527	36,476	159	64	0	450	157	1,580	0	28,538	103
SUNY, U. Buffalo	23	62,081	1,463	0	6,233	46	1,645	51	0	0	52,391	252
Duke U.	24	61,598	489	2,527	33,567	764	1,748	38	638	0	21,827	0
U. Illinois, Urbana-Champaign	25	59,094	7,256	215	5,724	91	7,970	231	268	45	36,612	682
Columbia U. in the City of New York	26	58,296	9,761	989	20,844	0	5,501	312	293	0	20,582	14
Ohio State U.	27	57,248	762	712	19,031	354	2,112	370	241	1,672	30,474	1,520
Naval Postgraduate School	28	56,875	7,091	8,493	366	1,925	4,038	356	5,008	4,272	20,170	5,156
George Mason U.	29	54,139	7,007	2,310	4,384	552	953	579	1,060	0	36,588	706
U. California, Los Angeles	30	53,640	2,850	1,776	18,754	2,698	3,226	161	1,535	415	21,748	477
U. Pennsylvania	31	53,246	7,878	95	14,681	656	5,749	642	5,319	0	16,667	1,559
Montana State U., Bozeman	32	52,929	620	258	2,752	0	3,676	0	0	0	37,654	7,969
Northwestern U.	33	51,407	2,207	0	30,427	0	5,749	212	106	1,043	10,348	1,315

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Institution	Rank	DOD R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. California, Santa Barbara	34	51,327	3,513	94	0	520	11,005	366	332	176	35,285	36
Cornell U.	35	50,537	5,532	44	12,743	64	15,006	110	438	0	16,600	0
Harvard U.	36	49,624	1,669	17	12,114	129	20,051	479	4,259	0	10,906	0
U. Florida	37	49,481	3,551	173	16,551	85	1,573	194	2,056	0	25,165	133
Arizona State U.	38	46,290	13,108	425	3,771	429	908	981	1,891	92	23,570	1,115
Woods Hole Oceanographic Institution	39	46,139	0	19,173	0	0	0	0	0	0	26,966	0
U. Wisconsin-Madison	40	44,782	3,698	2,003	10,508	615	4,575	223	0	2,615	20,347	198
U. California, Berkeley	41	44,502	0	0	2,765	671	9,639	669	678	1,366	28,714	0
U. Hawaii, Manoa	42	43,913	17,451	8,941	2,165	0	1,746	0	0	0	13,610	0
U.S. Air Force Academy	43	43,793	1,260	46	4,130	0	1,579	0	106	1,014	35,658	0
Northeastern U.	44	43,759	4,139	0	237	0	2,065	373	171	0	36,113	661
U. Nebraska, Lincoln and Medical Center ^c	45	42,877	574	125	21,354	25	3,304	93	401	0	16,561	440
U. Colorado Boulder	46	41,391	3,049	1,753	1,994	699	14,737	24	253	0	18,766	116
U. Alaska, Fairbanks	47	41,062	0	30,607	657	0	2,176	0	119	3,205	4,277	21
Air Force Institute of Technology	48	41,057	7,354	1,103	0	352	6,124	0	0	0	26,124	0
U. California, San Francisco	49	41,031	0	0	34,361	0	6,670	0	0	0	0	0
U. Minnesota, Twin Cities	50	39,589	720	0	16,318	309	1,517	58	345	0	20,322	0
U. Central Florida	51	37,555	9,751	0	1,434	79	15,560	1,292	248	212	8,979	0
Yale U.	52	37,473	1,672	46	17,040	222	12,428	231	0	0	5,834	0
U. Notre Dame	53	35,688	2,148	0	3,524	345	1,130	0	0	2,441	26,100	0
Vanderbilt U. and Vanderbilt U. Medical Center	54	35,148	5,726	26	16,864	72	0	0	0	0	12,454	6
U. Arizona	55	35,142	3,112	498	7,455	5	3,838	124	293	0	19,721	96
U. Virginia, Charlottesville	56	34,976	8,559	8	5,024	101	716	52	424	0	19,272	820
Mississippi State U.	57	34,737	5,473	11	277	0	249	158	2,221	0	26,348	0
North Carolina State U.	58	33,966	2,558	445	2,669	849	1,341	20	400	7,470	18,214	0
California Institute of Technology	59	30,414	5,373	708	2,339	0	4,079	100	0	0	17,815	0
Stevens Institute of Technology	60	29,801	1,904	0	0	219	448	0	0	0	27,230	0
U. Miami	61	28,129	21	13,750	12,553	0	257	960	0	0	588	0
Rice U.	62	27,925	1,229	19	1,545	510	4,741	853	0	0	19,004	24
New Mexico Institute of Mining and Technology	63	27,914	12,121	0	0	0	5,837	0	0	0	9,956	0
U. Chicago	64	27,455	2,667	64	5,409	612	6,109	510	291	0	11,793	0
SUNY, Polytechnic Institute	65	27,332	18	0	349	0	0	0	0	0	26,965	0
U. Tennessee, Knoxville	66	26,963	341	141	5,789	111	895	0	3	859	18,821	3
Mercer U.	67	26,952	0	0	0	0	0	0	0	0	26,952	0

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U. North Carolina, Chapel Hill	68	26,942	1,902	753	19,506	30	3,012	0	371	0	1,088	280
Indiana U., Bloomington	69	26,468	3,074	177	18,485	308	492	403	15	0	1,963	1,551
U. Maine	70	25,645	0	21	69	0	52	0	0	0	25,474	29
Washington U., Saint Louis	71	25,612	772	29	19,608	33	1,633	88	13	0	3,436	0
Icahn School of Medicine at Mount Sinai	72	25,359	0	0	25,359	0	0	0	0	0	0	0
Princeton U.	73	25,234	2,592	97	1,990	1,126	2,942	193	796	0	15,498	0
U. Delaware	74	24,933	662	2,588	1,739	376	3,161	547	4	0	15,754	102
U. California, Davis	75	24,576	1,196	113	11,146	272	729	0	808	0	10,261	51
Florida State U.	76	24,311	500	3,001	532	251	633	1,534	81	0	17,779	0
U. New Mexico	77	24,162	363	225	5,047	0	2,249	60	301	0	15,917	0
Auburn U., Auburn	78	23,535	595	0	1,719	129	305	21	0	106	20,623	37
U. Utah	79	23,494	0	631	13,235	159	1,863	1,174	340	0	5,911	181
Florida International U.	80	23,309	1,399	322	1,321	58	9,213	0	1,496	0	9,451	49
U. Connecticut	81	22,360	307	238	2,574	143	1,732	0	0	0	17,366	0
New York U.	82	21,849	4,575	0	7,185	1,683	3,813	321	0	0	3,766	506
U. Massachusetts, Lowell	83	20,980	1,752	0	247	151	7,703	0	500	0	9,949	678
Boston U.	84	20,847	2,984	29	6,389	246	447	500	0	0	10,197	55
Clemson U.	85	20,118	1,131	0	628	265	354	0	0	0	17,740	0
Brown U.	86	19,737	3,075	36	3,094	3,370	110	0	34	154	9,864	0
New Mexico State U.	87	19,315	147	0	3,396	90	664	0	0	0	15,018	0
Rutgers, State U. New Jersey, New Brunswick	88	19,246	192	1,124	8,615	271	784	0	316	22	7,922	0
Oregon State U.	89	18,957	0	4,177	1,754	0	287	101	0	180	12,458	0
U. California, Irvine	90	18,949	2,333	0	7,349	507	599	359	0	0	7,802	0
U. South Florida	91	18,617	2,262	2,660	1,160	269	103	256	25	0	11,610	272
U.S. Military Academy	92	18,493	3,417	138	120	1,516	408	109	5,331	0	7,213	241
Michigan Technological U.	93	18,081	3,303	2,363	0	0	159	0	0	0	12,256	0
Baylor C. of Medicine	94	17,986	0	0	17,986	0	0	0	0	0	0	0
U. Oklahoma, Norman and Health Science Center	95	17,814	448	797	2,312	0	929	0	349	0	12,904	75
U. Texas M. D. Anderson Cancer Center	96	17,584	0	0	17,210	0	63	0	311	0	0	0
U. Illinois, Chicago	97	17,074	630	0	6,710	0	1,208	0	585	363	6,136	1,442
U. Cincinnati	98	16,982	35	0	12,314	79	0	0	433	0	3,874	247
SUNY, Stony Brook U.	99	16,848	3,399	498	1,816	204	1,977	0	116	190	8,648	0
U. Iowa	100	16,153	157	0	6,220	0	1,347	0	4	0	8,113	312
Michigan State U.	101	15,763	1,958	159	2,390	700	2,695	342	116	96	6,010	1,297

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U. South Carolina, Columbia	102	15,506	449	210	713	51	0	0	315	0	13,561	207
U. Colorado Anschutz Medical Campus	103	15,486	0	0	15,486	0	0	0	0	0	0	0
Louisiana State U., Baton Rouge	104	15,251	2,747	1,756	1,077	305	433	0	0	0	2,302	6,631
Case Western Reserve U.	105	15,146	3	0	6,633	0	259	306	118	0	7,827	0
Drexel U.	106	15,008	1,226	0	1,404	22	0	79	0	0	12,155	122
U. Massachusetts, Amherst	107	14,781	3,774	0	691	313	158	0	0	0	9,801	44
U. Kentucky	108	14,714	207	151	7,263	0	222	0	0	0	5,980	891
U. Rochester	109	14,305	494	0	5,300	0	4,595	0	36	1,122	2,758	0
U. Missouri, Columbia	110	14,006	5,153	529	2,214	54	2,741	184	10	0	3,121	0
U. Alabama, Birmingham	111	13,923	124	0	9,884	0	214	971	0	0	2,730	0
U. Texas Medical Branch	112	13,840	0	0	13,840	0	0	0	0	0	0	0
Temple U.	113	13,822	0	0	6,527	0	4,391	0	0	0	1,138	1,766
U. Alabama, Tuscaloosa	114	13,447	277	2	9	0	1,831	126	75	0	11,113	14
U. Hawaii, system office	115	13,426	0	13,426	0	0	0	0	0	0	0	0
Tufts U.	116	13,073	693	0	1,073	2,866	462	4,402	0	146	3,382	49
U. Arkansas, Fayetteville	117	13,068	531	306	471	0	4,132	392	0	0	7,067	169
U. Texas Southwestern Medical Center	118	13,067	0	0	13,067	0	0	0	0	0	0	0
U. Texas, Dallas	119	12,884	2,645	0	2,350	53	1,940	186	0	0	5,710	0
George Washington U.	120	12,721	748	0	2,778	0	1,089	263	1,618	8	6,140	77
U. Texas, El Paso	121	12,633	312	46	352	33	178	0	0	0	11,658	54
Iowa State U.	122	12,259	587	0	927	132	222	0	0	0	10,235	156
Colorado School of Mines	123	12,241	1,568	112	48	63	738	11	0	0	9,701	0
U. Rhode Island	124	12,127	0	2,716	286	0	1,322	0	27	98	6,904	774
U. Southern Mississippi	125	12,088	199	4,024	725	0	6,345	0	66	0	0	729
Georgetown U.	126	12,035	1,096	0	10,387	46	15	0	491	0	0	0
U. Missouri, Kansas City	127	11,816	215	0	29	0	231	0	0	0	11,230	111
Oregon Health and Science U.	128	11,688	0	0	11,500	0	0	0	0	0	188	0
Missouri State U.	129	11,623	0	0	33	0	0	0	0	0	11,590	0
U. California, Riverside	130	11,529	1,053	117	1,961	26	1,672	67	62	50	6,521	0
Virginia Commonwealth U.	131	11,522	249	0	9,666	2	241	96	0	0	1,268	0
Emory U.	132	11,443	185	0	7,244	154	1,677	0	29	0	1,986	168
Rensselaer Polytechnic Institute	133	11,163	2,725	0	0	205	141	2,064	0	0	5,843	185
Dartmouth C. and Dartmouth Hitchcock Medical Center	134	11,106	818	0	2,960	2,741	835	432	0	0	3,320	0
U. Texas, Arlington	135	11,021	137	0	102	54	1,170	229	0	0	9,329	0

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Wake Forest U.	136	10,658	0	0	10,509	0	149	0	0	0	0	0
Worcester Polytechnic Institute	137	10,249	640	0	0	416	274	0	0	0	8,830	89
Wright State U.	138	10,171	4,607	0	788	0	276	1,113	0	17	3,353	17
U. Texas Health Science Center, Houston	139	10,005	0	0	10,005	0	0	0	0	0	0	0
New Jersey Institute of Technology	140	9,550	267	0	0	154	165	0	66	0	8,853	45
U.S. Naval Academy	141	9,512	696	438	0	989	1,684	0	91	0	5,614	0
U. California, Santa Cruz	142	9,431	818	3,334	248	0	355	0	0	0	4,676	0
Florida Atlantic U.	143	9,229	611	109	638	168	467	54	0	0	7,182	0
U. North Texas, Denton	144	9,215	1,155	0	50	36	382	0	0	0	7,592	0
North Dakota State U.	145	8,962	447	1	6	0	5,537	0	0	0	2,784	187
U. Houston	146	8,886	3,160	0	369	44	1,052	831	0	193	3,222	15
U. Georgia	147	8,571	1,093	269	2,363	0	338	0	598	0	3,722	188
Texas Tech U.	148	8,205	0	68	905	46	288	182	0	0	6,593	123
U. Texas, San Antonio	149	8,071	2,665	872	721	0	1,124	335	52	0	2,289	13
U. Kansas	150	8,006	788	926	1,834	210	150	277	122	0	3,144	555
Wayne State U.	151	7,942	289	0	5,249	0	864	6	0	0	1,534	0
U. Mississippi	152	7,862	0	0	1,171	0	4,102	0	0	0	2,472	117
Washington State U.	153	7,770	1,319	686	2,627	0	1,205	213	44	0	1,676	0
Northern Arizona U.	154	7,717	1,104	0	4,775	0	556	92	0	0	1,190	0
Oklahoma State U., Stillwater	155	7,661	0	0	451	26	191	0	0	0	6,889	104
Missouri U. of Science and Technology	156	7,640	78	0	117	0	325	1	0	0	7,119	0
Medical C. Wisconsin	157	7,510	0	0	6,723	0	0	0	0	0	787	0
U. Toledo	158	7,381	0	0	912	0	2,815	0	0	0	2,609	1,045
U. Texas Health Science Center, San Antonio	159	7,197	0	0	7,197	0	0	0	0	0	0	0
Rowan U.	160	6,945	0	0	239	99	55	0	0	0	6,552	0
San Diego State U.	161	6,924	320	507	2,258	161	314	146	33	0	3,151	34
Rochester Institute of Technology	162	6,907	562	0	0	50	2,224	0	0	0	4,071	0
Boston C.	163	6,761	39	5,446	0	0	1,276	0	0	0	0	0
Old Dominion U.	164	6,643	232	22	141	12	0	93	150	0	5,916	77
Montana Technological U.	165	6,621	0	2,616	0	0	0	0	0	0	4,005	0
U. Massachusetts, Medical School	166	6,450	0	0	6,450	0	0	0	0	0	0	0
Albert Einstein C. of Medicine	167	6,328	0	0	6,328	0	0	0	0	0	0	0
U. New Hampshire	168	6,308	0	4,676	231	0	63	229	0	0	1,064	45
U. Maryland, Baltimore County	169	6,005	3,443	167	34	0	692	0	0	0	1,371	298

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U. Louisiana, Lafayette	204	3,401	418	102	2,219	0	0	0	0	0	0	662
Kansas State U.	205	3,311	712	0	566	0	287	422	252	0	1,072	0
U. Oregon	206	3,179	682	0	369	21	1,705	204	0	0	131	67
Delaware State U.	207	3,092	143	0	0	11	2,938	0	0	0	0	0
U. Nebraska, Omaha	208	2,956	2,678	0	278	0	0	0	0	0	0	0
U. North Carolina, Charlotte	209	2,923	277	0	495	0	942	171	113	0	911	14
U. Arkansas for Medical Sciences	210	2,845	0	0	2,845	0	0	0	0	0	0	0
Georgia State U.	211	2,828	521	0	228	95	953	35	5	0	0	991
U. Guam	212	2,748	0	306	2,358	84	0	0	0	0	0	0
California State U., San Marcos	213	2,679	0	17	0	0	0	0	0	2,662	0	0
CUNY, City C.	214	2,629	144	25	108	0	912	0	0	0	1,440	0
U. Tennessee, Health Science Center	215	2,549	0	0	2,549	0	0	0	0	0	0	0
National Defense U.	216	2,494	143	0	400	0	0	0	1,951	0	0	0
William & Mary	217	2,485	0	847	313	149	651	0	508	0	0	17
East Carolina U.	218	2,437	324	631	839	0	0	0	0	0	163	480
Cold Spring Harbor Laboratory	219	2,362	0	0	2,362	0	0	0	0	0	0	0
SUNY, U. Albany	220	2,319	225	1,124	186	0	184	0	281	0	0	319
Portland State U.	221	2,302	255	332	64	64	0	152	254	0	1,181	0
U. Arkansas, Little Rock	222	2,069	961	0	1,108	0	0	0	0	0	0	0
Indiana U.-Purdue U., Indianapolis	223	2,065	254	0	95	0	724	0	0	0	971	21
Tuskegee U.	224	2,003	0	0	0	0	0	0	5	0	1,998	0
Augusta U.	225	1,989	141	0	1,848	0	0	0	0	0	0	0
U. Akron	226	1,988	0	0	53	0	1,465	0	0	0	470	0
Baylor U.	227	1,973	0	0	268	0	12	33	0	0	1,660	0
Chapman U.	228	1,950	0	0	559	0	919	0	287	0	185	0
Clarkson U.	229	1,942	0	0	45	120	65	0	0	0	1,642	70
Marquette U.	230	1,924	0	0	971	0	0	0	0	0	953	0
Jackson State U.	231	1,912	58	0	12	0	865	0	0	0	977	0
Alabama A&M U.	232	1,861	187	0	427	15	125	16	22	0	1,054	15
Youngstown State U.	233	1,845	0	0	0	0	0	22	0	0	1,823	0
U. California, Merced	234	1,839	76	0	171	51	407	0	94	105	402	533
SUNY, Downstate Health Sciences U.	235	1,760	0	0	1,760	0	0	0	0	0	0	0
Citadel Military C. South Carolina	236	1,742	1,737	0	5	0	0	0	0	0	0	0
U. San Diego	237	1,663	0	0	0	1,577	86	0	0	0	0	0

TABLE 60

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	DOD R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
SUNY, Upstate Medical U.	238	1,630	0	0	1,630	0	0	0	0	0	0	0
U. of the District of Columbia	239	1,624	13	0	0	0	0	0	0	0	1,155	456
Louisiana Tech U.	240	1,613	371	0	0	37	101	0	0	0	1,085	19
U. Texas Rio Grande Valley	241	1,569	4	0	14	0	153	0	0	0	1,398	0
U. New Orleans	242	1,529	851	0	0	183	273	0	143	0	79	0
Florida A&M U.	243	1,501	138	207	0	0	7	0	0	0	1,149	0
U. Colorado Colorado Springs	244	1,435	1,096	125	0	52	0	0	0	0	162	0
Virginia Military Institute	245	1,422	1,422	0	0	0	0	0	0	0	0	0
Towson U.	246	1,419	880	375	128	0	0	0	0	36	0	0
Rutgers, State U. New Jersey, Newark	247	1,393	844	352	0	0	0	0	0	0	0	197
Saint Louis U.	248	1,378	0	57	659	0	62	6	0	0	594	0
American U.	249	1,333	0	0	0	250	36	0	26	879	0	142
North Carolina Central U.	250	1,316	0	0	0	0	1,316	0	0	0	0	0
Dakota State U.	251	1,273	1,273	0	0	0	0	0	0	0	0	0
Duquesne U.	252	1,242	0	0	1,159	0	0	0	0	0	0	83
Creighton U.	253	1,235	410	0	377	96	314	14	15	0	0	9
Southern Illinois U., Carbondale	254	1,217	0	0	886	13	165	0	0	0	153	0
Alfred U.	255	1,204	0	0	0	0	0	0	0	0	1,204	0
California State U., Northridge	255	1,204	0	10	54	182	535	0	0	0	271	152
Medical U. South Carolina	257	1,201	0	0	1,201	0	0	0	0	0	0	0
Illinois Institute of Technology	258	1,194	89	0	124	0	54	0	0	0	927	0
U. Nevada, Las Vegas	259	1,127	0	558	111	0	294	26	0	0	138	0
Prairie View A&M U.	260	1,092	0	0	76	0	514	0	0	0	476	26
SUNY, C. of Environmental Science and Forestry	261	1,091	0	0	818	0	0	0	0	0	273	0
U. Wyoming	262	1,056	0	241	805	0	0	0	1	0	0	9
Texas A&M U.-Kingsville	263	1,048	528	0	0	0	43	0	0	0	477	0
Texas A&M U.-Corpus Christi	264	1,036	0	221	19	0	99	0	0	197	500	0
Spelman C.	265	996	21	0	58	917	0	0	0	0	0	0
Van Andel Research Institute	266	990	0	0	990	0	0	0	0	0	0	0
West Texas A&M U.	267	984	71	162	155	0	0	0	0	0	284	312
Toyota Technological Institute, Chicago	268	964	964	0	0	0	0	0	0	0	0	0
Virginia State U.	269	963	0	0	0	0	0	0	0	0	963	0
U. Alaska, Anchorage	270	948	0	171	698	0	0	0	0	0	79	0
Miami U.	271	915	27	0	0	0	400	263	0	0	123	102

TABLE 60

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	DOD R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Ohio U.	272	889	0	0	192	0	70	0	0	0	627	0
U. Maryland, Eastern Shore	273	882	0	0	882	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	274	870	0	141	228	0	376	0	86	0	0	39
U. Wisconsin-Milwaukee	275	859	0	0	47	0	0	0	0	0	812	0
Oakland U.	276	858	232	0	7	0	264	0	0	0	355	0
Morehouse School of Medicine	277	854	0	0	854	0	0	0	0	0	0	0
Rush U.	278	843	0	0	576	0	0	267	0	0	0	0
Loyola U., Chicago	279	826	215	0	611	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	279	826	31	0	0	0	0	0	0	0	795	0
CUNY, Hunter C.	281	813	75	0	83	0	655	0	0	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	282	800	0	0	800	0	0	0	0	0	0	0
Rockefeller U.	283	797	0	0	797	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	284	791	89	30	0	0	1	0	0	0	671	0
South Dakota State U.	285	785	0	0	5	0	63	0	0	0	717	0
CUNY, New York City C. of Technology	286	717	66	0	0	0	104	0	0	0	547	0
Western Illinois U.	286	717	0	0	0	0	0	0	0	0	717	0
U. Massachusetts, Boston	288	687	0	273	219	0	0	0	0	0	195	0
Kent State U.	289	682	0	0	328	6	320	0	0	0	28	0
CUNY, Queens C.	290	672	0	0	0	0	65	0	607	0	0	0
Santa Clara U.	290	672	0	0	0	0	0	0	0	0	672	0
U. Colorado Denver	292	669	0	0	241	0	0	0	0	0	427	1
U. North Carolina, Wilmington	293	648	43	0	201	0	204	0	45	0	155	0
Tennessee Technological U.	294	635	373	0	32	0	0	0	0	0	230	0
Central Michigan U.	295	612	0	0	10	0	159	0	0	427	16	0
U. Northern Iowa	296	610	0	0	0	0	610	0	0	0	0	0
Brandeis U.	297	609	57	0	241	0	252	0	9	50	0	0
Langston U.	298	600	0	0	600	0	0	0	0	0	0	0
U. Idaho	299	589	23	0	417	0	0	0	0	0	37	112
Norfolk State U.	300	580	60	0	0	0	520	0	0	0	0	0
U. Detroit Mercy	301	577	0	0	0	0	0	0	0	0	577	0
Catholic U. of America	302	570	0	0	27	0	141	0	0	0	379	23
U. Denver	302	570	122	23	400	0	0	0	0	0	25	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	304	557	0	0	114	0	0	0	0	0	381	62
Clark Atlanta U.	305	555	0	0	0	0	555	0	0	0	0	0

TABLE 60

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	DOD R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Villanova U.	306	545	0	0	0	0	0	0	0	0	545	0
Purdue U., Northwest	307	540	327	0	0	0	0	0	0	0	194	19
U. Central Oklahoma	307	540	91	0	25	19	42	6	75	0	260	22
U. Washington, Bothell	307	540	115	0	37	0	0	0	0	0	343	45
Western U. of Health Sciences	310	530	0	0	530	0	0	0	0	0	0	0
Seton Hall U.	311	519	0	0	0	0	519	0	0	0	0	0
U.S. Army War C.	312	494	0	0	0	0	0	0	494	0	0	0
California State U., Dominguez Hills	313	489	0	0	0	0	489	0	0	0	0	0
Fisk U.	314	486	0	0	0	0	486	0	0	0	0	0
New York Medical C.	315	482	0	0	482	0	0	0	0	0	0	0
U. of the Incarnate Word	316	470	0	0	64	0	171	0	0	0	235	0
SUNY, Cobleskill	317	469	0	0	0	0	0	0	0	0	469	0
Robert Morris U.	318	463	0	0	0	0	0	0	0	0	463	0
San Jose State U.	319	453	0	343	106	0	0	0	0	0	0	4
California State Polytechnic U., Pomona	320	438	38	0	0	0	0	0	0	0	400	0
U. Puerto Rico, Medical Sciences Campus	321	437	0	0	437	0	0	0	0	0	0	0
Albany Medical C.	322	434	0	0	434	0	0	0	0	0	0	0
Oregon Institute of Technology	323	432	44	4	40	16	0	0	0	0	328	0
U. South Carolina, Beaufort	324	431	431	0	0	0	0	0	0	0	0	0
Indiana U. Pennsylvania	325	424	244	20	0	0	106	0	54	0	0	0
U. Hawaii, Hilo	326	415	0	161	254	0	0	0	0	0	0	0
U. North Carolina, Greensboro	327	400	0	0	52	0	310	0	0	0	0	38
Savannah State U.	328	394	0	181	142	0	0	0	0	0	71	0
Liberty U.	329	384	369	0	0	0	0	0	0	0	15	0
Haverford C.	330	382	0	0	0	0	382	0	0	0	0	0
U. New Haven	330	382	382	0	0	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine and Science	332	371	0	0	371	0	0	0	0	0	0	0
Central Washington U.	333	363	363	0	0	0	0	0	0	0	0	0
Kennesaw State U.	334	361	60	0	0	0	0	15	0	0	286	0
California State U., Chico	335	358	0	0	0	0	0	0	0	0	358	0
Texas Christian U.	336	355	0	30	8	0	0	0	0	0	59	258
Bowie State U.	337	348	340	0	0	8	0	0	0	0	0	0
Saginaw Valley State U.	338	347	173	0	0	0	0	0	158	0	0	16
U. Minnesota, Duluth	339	325	0	0	266	25	0	0	0	0	34	0

TABLE 60

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	DOD R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Middle Tennessee State U.	373	155	0	0	0	0	0	0	155	0	0	0
Reed C.	375	152	i 1	i 0	i 102	i 22	i 26	i 0	i 1	i 0	i 0	i 0
U. of the Virgin Islands	376	150	150	0	0	0	0	0	0	0	0	0
U. of St. Thomas (MN)	377	140	0	0	0	0	0	0	0	0	140	0
U. Wisconsin-Platteville	377	140	i 11	i 0	i 10	i 2	i 10	i 0	i 13	i 0	i 90	i 4
Central State U.	379	138	0	57	0	0	64	0	0	0	17	0
U. Michigan, Dearborn	379	138	0	0	0	72	0	0	0	0	66	0
Gallaudet U.	381	132	132	0	0	0	0	0	0	0	0	0
CUNY, York C.	382	130	0	0	0	97	31	0	0	0	0	2
U. North Georgia	382	130	122	0	0	0	8	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	384	125	0	0	125	0	0	0	0	0	0	0
Texas A&M International U.	384	125	0	0	0	0	125	0	0	0	0	0
East Tennessee State U.	386	124	0	0	57	0	67	0	0	0	0	0
Monmouth U.	386	124	0	98	26	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	388	122	122	0	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	389	121	0	0	0	0	121	0	0	0	0	0
Sonoma State U.	390	120	0	0	120	0	0	0	0	0	0	0
U. Texas Health Science Center, Tyler	391	110	0	0	110	0	0	0	0	0	0	0
Claremont McKenna C.	392	109	0	0	0	0	109	0	0	0	0	0
Christopher Newport U.	393	108	0	0	81	0	27	0	0	0	0	0
Idaho State U.	394	106	0	0	0	0	0	0	0	0	106	0
Lafayette C.	395	99	99	0	0	0	0	0	0	0	0	0
Rhode Island C.	396	98	98	0	0	0	0	0	0	0	0	0
Florida Gulf Coast U.	397	97	0	0	23	0	0	10	0	0	0	64
U.S. Coast Guard Academy	398	93	0	0	0	0	19	0	74	0	0	0
CUNY, C. Staten Island	399	92	0	0	0	0	92	0	0	0	0	0
Morehouse C.	399	92	92	0	0	0	0	0	0	0	0	0
Williams C.	401	91	i 0	i 0	i 65	i 12	i 12	i 1	i 1	i 0	i 0	i 0
Smith C.	402	88	73	0	0	15	0	0	0	0	0	0
Manhattan C.	403	86	0	0	0	86	0	0	0	0	0	0
Pepperdine U.	404	84	0	0	84	0	0	0	0	0	0	0
Sam Houston State U.	405	81	0	0	0	0	80	0	1	0	0	0
U. Baltimore	406	75	0	0	0	0	0	75	0	0	0	0
U. Washington, Tacoma	406	75	3	30	42	0	0	0	0	0	0	0

TABLE 60

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	DOD R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
SUNY, C. Brockport	442	26	0	0	19	0	7	0	0	0	0	0
Lake Superior State U.	443	25	0	0	0	0	0	0	0	0	25	0
Texas A&M U.-Commerce	444	24	0	0	0	0	0	24	0	0	0	0
Whitman C.	444	24	0	0	24	0	0	0	0	0	0	0
Western Carolina U.	446	23	0	0	0	0	23	0	0	0	0	0
Yeshiva U.	446	23	0	0	23	0	0	0	0	0	0	0
Claremont Graduate U.	448	22	0	0	0	22	0	0	0	0	0	0
Eastern Michigan U.	448	22	0	0	0	0	22	0	0	0	0	0
New C. Florida	450	21	0	0	21	0	0	0	0	0	0	0
U. Alaska, Southeast	450	21	0	0	0	0	0	0	0	0	21	0
Drake U.	452	20	0	0	0	0	0	0	0	0	0	20
Clafin U.	453	19	0	0	19	0	0	0	0	0	0	0
Florida Polytechnic U.	453	19	0	0	0	0	0	0	0	0	19	0
Pace U.	453	19	19	0	0	0	0	0	0	0	0	0
U. of the Pacific	456	18	0	0	18	0	0	0	0	0	0	0
West Virginia State U.	456	18	0	0	18	0	0	0	0	0	0	0
Franklin W. Olin C. of Engineering	458	16	0	0	0	0	0	0	0	0	16	0
Seattle U.	458	16	0	0	0	0	0	0	0	0	16	0
Fairfield U.	460	15	0	0	0	0	0	0	0	0	15	0
SUNY, Oswego	460	15	0	0	0	0	0	0	0	0	15	0
Alabama State U.	462	14	0	0	0	0	0	0	0	0	14	0
California State U., Channel Islands	462	14	0	0	0	0	14	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	462	14	0	0	0	0	0	0	0	14	0	0
St. Mary's C. Maryland	465	13	0	0	0	0	0	0	0	0	13	0
U. Northern Colorado	466	10	0	0	10	0	0	0	0	0	0	0
Austin Peay State U.	467	8	0	0	0	0	0	0	0	0	8	0
St. Cloud State U.	467	8	8	0	0	0	0	0	0	0	0	0
Loma Linda U.	469	7	0	0	7	0	0	0	0	0	0	0
Ursinus C.	469	7	0	0	7	0	0	0	0	0	0	0
Winston-Salem State U.	469	7	0	0	0	0	7	0	0	0	0	0
Albany State U.	472	6	0	0	6	0	0	0	0	0	0	0
Clark U.	473	4	0	0	0	0	4	0	0	0	0	0
C. of Saint Benedict	474	3 i	0 i	0 i	2 i	0 i	1 i	0 i	0 i	0 i	0 i	0 i
U. of Health Sciences and Pharmacy in St. Louis	474	3	0	0	0	0	3	0	0	0	0	0

TABLE 60

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	DOD R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Loyola Marymount U.	476	2	0	0	0	0	0	0	0	0	0	2
Hofstra U.	477	1	1	0	0	0	0	0	0	0	0	0
Long Island U.	477	1	0	0	1	0	0	0	0	0	0	0
Western Kentucky U.	477	1	0	0	1	0	0	0	0	0	0	0

i = imputed.

DOD = Department of Defense; nec = not elsewhere classified; S&E = science and engineering.

^a Johns Hopkins University includes the Applied Physics Laboratory, with \$1,540,628 thousand in R&D expenditures financed by DOD in FY 2023.^b The University of Maryland includes expenditures from the University of Maryland, Baltimore and University of Maryland, College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported to the survey as separate institutions.^c The University of Nebraska, Lincoln and Medical Center includes expenditures from the University of Nebraska, Lincoln; University of Nebraska, Medical Center; and University of Nebraska, Central Administration campuses. Due to a realignment within the University of Nebraska system that occurred on 22 June 2023, the three campuses fall under the leadership of one president. Prior to FY 2023, these three campuses reported to the survey as separate institutions.**Note(s):**

Institutions reporting zero expenditures in ranked total for FY 2023 are not listed in this table. Tied institutions are ranked alphabetically. Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2023.