

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 2021

(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	-	7,363,495	928,400	236,137	1,421,696	152,714	652,400	53,146	69,670	83,086	3,703,852	62,394
Johns Hopkins U. ^a	1	1,459,350	205,769	13,760	94,105	97,972	182,454	464	1,839	40,583	822,404	0
Georgia Institute of Technology	2	626,448	98,613	311	369	163	2,221	755	698	0	516,698	6,620
Uniformed Services U. of the Health Sciences	3	263,812	0	0	250,443	0	0	13,369	0	0	0	0
Pennsylvania State U., University Park and Hershey Medical Center	4	263,661	41,225	2,806	2,328	6,031	20,216	247	634	0	186,706	3,468
U. Texas, Austin	5	191,082	38,481	216	7,045	902	31,502	255	206	19	112,016	440
Utah State U.	6	129,190	0	0	1,787	0	244	0	69	0	126,919	171
Massachusetts Institute of Technology	7	128,158	38,444	792	5,356	1,189	11,643	204	13	429	69,461	627
U. Southern California	8	126,122	83,677	0	12,753	268	4,433	173	393	0	23,677	748
U. Maryland ^b	9	116,368	13,163	418	25,384	722	15,523	542	13,528	14,119	32,489	480
U. Dayton	10	104,393	6,171	0	215	0	619	0	0	0	96,954	434
U. Washington, Seattle	11	100,320	5,575	26,509	28,374	1,165	4,063	951	98	0	33,076	509
Colorado State U., Fort Collins	12	98,372	922	6,614	82,011	457	746	38	2,265	223	5,096	0
Carnegie Mellon U.	13	90,404	62,591	0	166	715	223	1,265	1,662	385	23,344	53
U. California, San Diego	14	79,587	1,055	33,761	15,812	57	5,780	1,167	492	0	21,463	0
U. Michigan, Ann Arbor	15	78,334	332	127	15,924	467	4,436	53	3,324	0	53,671	0
Stanford U.	16	76,467	6,830	710	17,399	820	17,107	557	174	0	32,427	443
U. Alabama, Huntsville	17	73,021	40,227	0	0	0	447	0	597	0	31,750	0
Harvard U.	18	72,042	3,695	368	30,667	108	18,515	16	2,750	0	15,923	0
Woods Hole Oceanographic Institution	19	65,558	0	33,557	0	0	0	0	0	0	32,001	0
Duke U.	20	61,602	587	2,048	33,544	906	1,308	71	266	0	22,736	136
Texas A&M U., College Station and Health Science Center	21	59,476	3,722	579	10,183	646	622	0	1,102	4	42,165	453
U. Illinois, Urbana-Champaign	22	58,649	12,968	190	4,176	68	5,020	362	508	199	34,024	1,134
Purdue U., West Lafayette	23	52,673	5,007	30	1,917	118	2,896	43	0	12	40,128	2,522
U. Pennsylvania	24	51,902	10,715	117	9,443	213	5,225	2,905	4,513	0	17,301	1,470
George Mason U.	25	51,849	11,907	932	3,118	662	1,624	201	384	0	33,021	0
Naval Postgraduate School	26	50,967	3,743	4,978	1,209	1,869	5,605	40	4,932	3,798	19,372	5,421
U. California, Los Angeles	27	50,437	2,805	911	20,851	5,088	2,387	43	211	498	17,615	28
Columbia U. in the City of New York	28	49,219	12,517	1,306	12,859	307	4,982	351	531	0	16,221	145
Cornell U.	29	49,165	5,920	226	12,494	0	13,851	202	507	0	15,965	0

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Virginia Polytechnic Institute and State U.	30	47,432	1,725	37	3,199	1,513	1,905	0	16	9	39,020	8
SUNY, U. Buffalo	31	46,847	331	51	5,217	30	783	0	0	0	40,435	0
Northwestern U.	32	45,744	1,628	0	16,329	0	11,468	261	21	919	13,934	1,184
U. Pittsburgh, Pittsburgh	33	45,446	2,012	185	34,164	46	4,191	0	41	100	4,702	5
Ohio State U.	34	42,934	654	606	15,411	564	4,289	125	140	231	20,346	568
U. California, Berkeley	35	42,813	0	0	5,750	243	9,424	523	130	1,661	24,909	173
U. Colorado Boulder	36	41,850	3,140	2,565	2,061	58	15,554	84	0	0	18,388	0
Wichita State U.	37	40,514	0	0	0	0	0	0	0	0	40,485	29
U. Central Florida	38	39,374	14,527	0	849	0	13,065	2,790	183	0	7,794	166
U. Florida	39	39,140	1,819	0	14,224	142	345	102	1,268	0	21,240	0
Arizona State U.	40	38,834	7,539	286	2,735	393	1,531	648	1,002	4,381	18,974	1,345
U. Alabama, Birmingham	41	37,913	0	0	10,451	0	713	85	0	0	26,664	0
U. California, San Francisco	42	37,403	0	0	33,883	0	3,520	0	0	0	0	0
Montana State U., Bozeman	43	35,768	334	460	2,269	260	2,843	0	0	0	24,483	5,119
U. Virginia, Charlottesville	44	35,252	8,169	23	10,585	95	1,701	90	469	0	13,776	344
U. Minnesota, Twin Cities	45	35,239	671	0	13,786	1,162	1,369	26	218	0	17,284	723
Vanderbilt U. and Vanderbilt U. Medical Center	46	34,170	6,577	80	18,421	0	91	0	0	0	9,001	0
U. Wisconsin-Madison	47	33,479	2,584	1,518	6,242	857	6,746	27	0	1,663	13,788	54
North Carolina State U.	48	33,180	2,237	426	4,744	2,372	1,209	0	241	7,702	14,242	7
Northeastern U.	49	32,776	4,478	0	930	0	1,322	376	2,259	0	23,041	370
U. California, Santa Barbara	50	32,274	2,664	526	382	0	8,422	58	30	0	19,743	449
Mercer U.	51	31,981	0	0	63	0	0	0	0	6	31,912	0
U.S. Air Force Academy	52	31,818	150	34	369	0	2,348	0	3	0	28,914	0
Mississippi State U.	53	31,014	1,126	0	476	0	113	107	986	0	28,140	66
U. Arizona	54	30,845	5,152	260	8,817	144	2,529	166	523	0	13,229	25
California Institute of Technology	55	30,794	6,830	467	1,831	0	13,201	0	0	0	8,270	195
Princeton U.	56	30,518	2,430	313	2,508	999	4,732	145	500	0	18,882	9
U. Hawaii, Manoa	57	29,477	8,806	2,095	1,483	40	5,458	0	0	0	11,595	0
U. Alaska, Fairbanks	58	29,220	0	20,490	462	0	4,894	0	0	0	3,255	119
U. Notre Dame	59	28,768	1,317	0	2,319	189	2,695	2	0	814	21,432	0
Yale U.	60	27,839	816	150	11,579	0	8,208	328	31	0	6,685	42

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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. Utah	61	27,748	3,335	397	13,073	219	2,338	2,237	815	0	5,290	44
Icahn School of Medicine at Mount Sinai	62	26,220	0	0	26,220	0	0	0	0	0	0	0
Air Force Institute of Technology	63	24,584	1,424	175	0	197	7,868	0	0	0	14,920	0
U. North Carolina, Chapel Hill	64	24,324	2,131	361	18,684	297	2,002	0	203	0	613	33
U. California, Davis	65	23,219	222	78	12,729	260	728	0	385	0	8,806	11
U. Chicago	66	21,814	1,388	0	2,830	381	7,659	312	1,052	0	8,192	0
Washington U., Saint Louis	67	21,588	1,453	22	17,404	101	290	305	0	0	2,010	3
U. Miami	68	21,486	0	11,655	8,001	0	171	884	0	0	775	0
U. Delaware	69	21,335	342	1,107	1,440	181	3,097	188	25	0	14,635	320
Stevens Institute of Technology	70	21,258	1,921	0	0	0	211	0	0	0	18,251	875
New York U.	71	20,716	2,327	0	7,243	2,048	3,947	1,259	0	0	3,499	393
U. New Mexico	72	20,121	347	130	4,508	0	2,316	125	263	615	11,817	0
SUNY, Polytechnic Institute	73	20,113	0	0	0	0	0	0	0	0	20,113	0
New Mexico State U.	74	20,082	0	0	3,857	20	8,459	0	0	0	7,746	0
Florida State U.	75	19,797	437	1,302	181	200	712	3,292	0	0	13,673	0
U. Massachusetts, Lowell	76	19,101	1,144	606	656	0	7,255	0	396	0	9,038	6
U. Connecticut	77	18,901	244	772	2,072	229	1,166	0	0	0	14,418	0
Rice U.	78	18,504	1,621	210	1,451	207	2,461	1,517	0	0	10,768	269
Auburn U., Auburn	79	18,413	627	0	1,545	0	385	142	1	90	15,623	0
Brown U.	80	18,197	4,318	197	2,842	2,686	1,136	0	208	46	6,764	0
Louisiana State U., Baton Rouge	81	18,045	9,659	457	3,758	242	786	0	173	0	902	2,068
U. Tennessee, Knoxville	82	17,970	794	94	3,204	23	651	0	83	591	12,451	79
Oregon State U.	83	17,806	1,631	3,287	2,134	12	205	17	0	563	9,493	464
Boston U.	84	17,764	2,401	234	5,354	392	1,188	256	0	0	7,573	366
Case Western Reserve U.	85	17,288	0	0	8,596	0	1,410	0	68	0	7,214	0
U. Maine	86	17,105	0	57	0	0	269	0	0	0	16,770	9
Michigan Technological U.	87	17,082	1,277	2,452	0	46	296	0	0	0	12,756	255
U. Nebraska, central administration	88	17,024	448	0	11,195	0	0	0	0	0	5,055	326
U. Colorado Anschutz Medical Campus ^c	89	16,740	0	0	16,740	0	0	0	0	0	0	0
U. Massachusetts, Amherst	90	16,646	4,913	0	894	258	555	0	0	0	10,026	0
New Jersey Institute of Technology	91	16,638	383	0	285	235	2,128	0	0	0	11,795	1,812
U. Iowa	92	15,123	679	0	5,193	50	1,977	0	221	0	6,894	109

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Indiana U., Bloomington	93	15,118	1,758	285	10,738	52	679	295	63	347	586	315
Colorado School of Mines	94	15,048	616	103	0	117	1,471	0	0	0	12,741	0
Baylor C. of Medicine	95	14,865	0	0	14,865	0	0	0	0	0	0	0
Michigan State U.	96	14,834	2,506	257	2,275	346	2,321	214	0	41	6,629	245
Rutgers, State U. New Jersey, New Brunswick	97	14,435	62	469	4,573	571	1,026	0	0	165	7,569	0
Florida International U.	98	14,133	580	444	793	0	3,675	0	2,047	0	6,594	0
U. California, Irvine	99	13,820	1,623	0	5,794	633	675	223	14	0	4,858	0
U. Southern Mississippi	100	13,655	164	4,584	191	0	7,778	0	678	0	36	224
U. Cincinnati	101	13,647	0	0	9,383	139	33	0	5	0	3,871	216
U. Missouri, Columbia	102	13,439	3,087	166	2,239	0	2,799	344	0	0	4,804	0
U. Rochester	103	13,268	514	0	6,527	0	3,900	0	110	0	2,217	0
Wake Forest U.	104	13,142	0	0	13,052	0	90	0	0	0	0	0
U.S. Military Academy	105	12,655	1,822	2	1,727	456	338	0	769	156	7,334	51
Rensselaer Polytechnic Institute	106	12,484	3,483	0	0	356	328	1,919	0	0	6,352	46
U. Texas, Dallas	107	11,441	2,483	0	1,593	0	1,937	127	49	0	5,252	0
Wright State U.	108	11,336	2,205	0	1,534	0	447	867	0	0	6,100	183
U. Hawaii, system office	109	11,304	0	11,304	0	0	0	0	0	0	0	0
Iowa State U.	110	11,182	420	0	2,200	0	262	0	0	0	8,300	0
U. Illinois, Chicago	111	11,082	1,644	0	5,009	0	163	0	233	0	3,536	497
Oregon Health and Science U.	112	10,623	0	0	10,621	0	0	0	0	0	2	0
U. Texas M. D. Anderson Cancer Center	113	10,454	0	0	10,339	32	0	0	83	0	0	0
Virginia Commonwealth U.	114	10,229	29	0	8,624	35	248	100	13	0	1,154	26
U. South Florida ^d	115	9,933	815	33	2,332	75	151	81	51	0	6,132	263
Dartmouth C. and Dartmouth Hitchcock Medical Center	116	9,831	2,235	0	2,070	717	412	600	22	0	3,775	0
Rochester Institute of Technology	117	9,802	1,135	0	0	176	2,234	18	0	0	6,239	0
George Washington U.	118	9,612	490	0	2,360	165	277	175	930	17	5,148	50
U.S. Naval Academy	119	9,593	620	579	0	823	1,084	0	0	0	6,487	0
Georgetown U.	120	9,589	1,343	0	7,755	0	0	0	491	0	0	0
Emory U.	121	9,227	118	69	6,137	240	2,225	0	22	0	351	65
U. Oklahoma, Norman and Health Science Center	122	9,113	0	610	2,284	0	587	0	347	0	5,285	0

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U. Texas Health Science Center, Houston	123	9,075	0	0	9,075	0	0	0	0	0	0	0
U. Texas, Arlington	124	8,786	0	0	148	0	1,747	153	0	0	6,738	0
Northern Arizona U.	125	8,665	0	0	4,973	0	48	181	0	0	3,463	0
SUNY, Stony Brook U.	126	8,461	2,861	88	1,534	621	1,153	0	0	88	2,116	0
Worcester Polytechnic Institute	127	8,391	987	0	0	407	52	0	0	0	6,945	0
Tufts U.	128	8,350	288	0	2,938	3,042	130	84	0	384	1,484	0
Clemson U.	129	8,213	327	0	490	374	17	0	0	0	7,005	0
U. Kentucky	130	8,186	674	6	4,640	0	147	103	0	0	2,233	383
Washington State U.	131	8,013	795	503	2,198	266	1,600	267	59	0	2,325	0
U. Texas Southwestern Medical Center	132	7,868	0	0	7,868	0	0	0	0	0	0	0
Drexel U.	133	7,806	448	0	1,464	0	0	20	0	0	5,874	0
U. Texas Health Science Center, San Antonio	134	7,457	0	0	7,457	0	0	0	0	0	0	0
New Mexico Institute of Mining and Technology	135	7,389	5,398	1	0	0	157	0	0	0	1,743	90
U. Alabama, Tuscaloosa	136	7,238	174	51	0	0	179	99	63	0	6,420	252
U. Missouri, Kansas City	137	7,061	101	0	167	0	332	0	0	0	6,461	0
U. Kansas	138	7,043	778	516	1,975	175	20	584	246	0	2,344	405
Missouri State U.	139	7,034	6	0	89	0	0	0	105	0	6,834	0
U. Nevada, Reno	140	7,009	1,218	24	4,282	60	258	0	116	0	970	81
U. California, Riverside	141	7,006	818	0	1,421	0	502	321	0	0	3,944	0
U. South Carolina, Columbia	142	6,963	40	247	1,127	331	0	0	259	0	4,888	71
U. Nebraska, Lincoln	143	6,907	591	149	36	4	2,927	88	5	0	3,107	0
U. Mississippi	144	6,843	0	0	1,230	0	3,345	0	0	0	2,213	55
Old Dominion U.	145	6,609	127	25	692	10	144	0	117	0	5,158	336
Texas Tech U.	146	6,600	0	283	507	33	304	56	0	0	5,148	269
Temple U.	147	6,587	62	0	3,649	0	1,350	0	65	0	923	538
U. Rhode Island	148	6,546	0	1,957	80	0	65	0	106	440	3,898	0
U. Texas, El Paso	149	6,445	350	82	413	2	56	0	0	0	5,542	0
U. Texas Medical Branch	150	6,352	0	0	6,352	0	0	0	0	0	0	0
U. Nebraska, Medical Center	151	6,314	0	0	6,314	0	0	0	0	0	0	0
Missouri U. of Science and Technology	152	6,147	113	0	46	0	401	91	0	0	5,496	0

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Florida Atlantic U.	153	5,985	105	77	678	257	248	14	0	0	4,601	5
West Virginia U.	154	5,945	796	0	3,318	0	0	0	327	0	1,304	200
U. California, Santa Cruz	155	5,925	183	1,671	0	0	57	0	0	0	4,014	0
Medical C. Wisconsin	156	5,700	0	0	5,226	0	0	0	0	0	474	0
U. Houston	157	5,634	209	0	188	92	600	639	0	138	3,737	31
Naval War C.	158	5,542	0	0	0	0	0	0	794	0	0	4,748
U. North Texas, Denton	159	5,459	527	0	0	14	124	0	45	0	4,727	22
Boston C.	160	5,438	0	4,602	2	0	834	0	0	0	0	0
Albert Einstein C. of Medicine	161	5,391	0	0	5,391	0	0	0	0	0	0	0
Brigham Young U., Provo	162	5,306	552	18	110	0	536	0	0	0	3,183	907
U. Texas, San Antonio	163	5,252	1,273	235	796	0	856	213	163	0	1,716	0
SUNY, Binghamton U.	164	5,241	708	0	104	0	366	164	0	0	3,848	51
Tulane U.	165	5,196	1,142	97	3,533	0	424	0	0	0	0	0
U. Massachusetts, Medical School	166	5,195	0	0	5,195	0	0	0	0	0	0	0
U. Toledo	167	5,014	0	0	510	0	2,954	0	0	0	1,550	0
U. Georgia	168	4,879	199	73	2,053	0	170	186	537	0	1,474	187
Rowan U.	169	4,843	50	0	0	27	0	0	0	0	4,717	49
Wayne State U.	170	4,757	0	0	3,113	0	599	0	0	0	1,036	9
Desert Research Institute	171	4,626	0	4,626	0	0	0	0	0	0	0	0
North Dakota State U.	172	4,605	0	0	32	0	3,656	0	0	0	856	61
U. Arkansas, Fayetteville	173	4,583	604	31	282	0	879	6	0	0	2,781	0
CUNY, Advanced Science Research Center	174	4,569	0	0	0	0	4,137	0	0	0	432	0
Southern Methodist U.	175	4,366	0	2,909	0	130	0	0	0	0	1,286	41
Kansas State U.	176	4,250	1,131	0	739	0	153	283	287	0	1,635	22
Oklahoma State U., Stillwater	177	4,199	0	0	808	0	357	0	0	0	3,034	0
San Diego State U.	178	4,150	182	291	766	121	224	0	76	0	2,327	163
U. Louisville	179	4,112	0	0	2,735	0	0	27	0	0	1,350	0
Nova Southeastern U.	180	4,057	0	2,388	1,562	0	0	107	0	0	0	0
U. New Hampshire	181	4,042	0	2,349	104	17	89	124	0	0	1,301	58
U. Montana, Missoula	182	4,037	0	0	4,014	0	23	0	0	0	0	0
Montana Technological U.	183	4,012	0	0	0	0	0	0	0	0	4,012	0

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National Defense U.	184	3,786	0	0	400	0	0	0	2,186	0	0	1,200
Florida Institute of Technology	185	3,776	1,252	120	191	0	154	305	0	0	1,754	0
Cleveland State U.	186	3,769	0	0	1,902	0	186	0	0	0	1,681	0
Texas State U.	187	3,690	70	886	1,350	45	797	0	300	0	222	20
U. Maryland, Baltimore County	188	3,678	1,857	0	121	0	524	0	0	0	1,152	24
U. North Carolina, Charlotte	189	3,599	166	0	324	196	482	273	298	0	1,844	16
U. Arkansas, Little Rock	190	3,589	1,812	0	1,704	0	0	0	73	0	0	0
Lehigh U.	191	3,372	348	0	158	0	0	0	0	0	2,842	24
Syracuse U.	192	3,257	44	0	238	0	981	0	0	0	1,449	545
Rockefeller U.	193	3,185	0	328	2,857	0	0	0	0	0	0	0
Thomas Jefferson U.	194	3,110	0	0	3,055	0	0	0	0	0	55	0
Boise State U.	195	2,926	143	0	311	97	1,481	0	83	0	811	0
Scripps Research Institute	196	2,871	0	0	2,871	0	0	0	0	0	0	0
U. Tennessee, Health Science Center	197	2,837	0	0	2,837	0	0	0	0	0	0	0
U. Oregon	198	2,699	573	0	372	0	1,391	199	89	0	0	75
U. Vermont	199	2,653	497	0	1,524	176	73	0	0	0	383	0
Howard U.	200	2,624	124	0	491	0	118	56	0	0	1,835	0
North Carolina Agricultural and Technical State U.	201	2,554	272	0	0	98	15	0	0	0	2,090	79
U. West Florida	202	2,443	1,229	0	69	0	0	78	0	0	61	1,006
U. Louisiana, Lafayette	203	2,436	97	0	2,267	0	0	0	0	0	35	37
U. North Dakota	204	2,424	515	408	347	0	0	129	0	0	1,025	0
U. Massachusetts, Dartmouth	205	2,344	0	1,376	49	90	0	0	0	0	829	0
Portland State U.	206	2,333	190	109	121	213	0	203	0	0	1,377	120
Louisiana Tech U.	207	2,323	359	0	17	10	3	171	0	0	1,753	10
Rutgers, State U. New Jersey, Newark	208	2,290	1,610	641	0	0	0	0	0	0	0	39
U. Guam	209	2,241	0	166	2,075	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	210	2,202	0	0	0	82	215	0	0	0	1,905	0
Medical U. South Carolina	211	2,091	0	0	2,091	0	0	0	0	0	0	0
U. Wyoming	212	2,087	363	4	1,350	0	0	0	9	4	346	11
CUNY, City C.	213	1,993	98	0	425	0	555	0	0	0	883	32
SUNY, Upstate Medical U.	214	1,914	0	0	1,914	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 2021

(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
Citadel Military C. South Carolina	277	777	769	0	8	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	278	740	164	0	0	0	0	0	0	0	576	0
Southern Illinois U., Carbondale	279	739	0	0	648	0	63	0	0	28	0	0
U. North Carolina, Wilmington	280	735	168	14	128	0	0	0	12	0	0	413
U. Northern Iowa	281	733	0	0	0	0	733	0	0	0	0	0
U. North Texas, Health Science Center	282	724	0	0	724	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine and Science	283	718	0	0	718	0	0	0	0	0	0	0
U. of the Incarnate Word	284	715	0	0	516	0	60	0	0	0	139	0
Loyola U., Chicago	285	704	0	0	704	0	0	0	0	0	0	0
U. of Health Sciences and Pharmacy in St. Louis	286	699	0	0	699	0	0	0	0	0	0	0
Oakland U.	287	681	187	0	43	0	321	0	0	0	130	0
Texas A&M U.-Kingsville	288	677	0	0	134	0	0	0	0	0	543	0
Savannah State U.	289	671	0	268	87	0	0	0	0	0	316	0
Illinois Institute of Technology	290	669	124	0	6	0	0	0	0	0	539	0
Tennessee Technological U.	291	658	0	0	3	0	0	0	0	0	459	196
American U.	292	647	81	0	0	358	0	14	0	136	0	58
U. New Haven	293	642	484	0	0	0	0	146	0	0	12	0
Van Andel Research Institute	294	636	0	0	636	0	0	0	0	0	0	0
U. North Carolina, Greensboro	295	620	0	0	594	0	0	0	0	0	0	26
California State U., Los Angeles	296	564	0	0	0	0	208	0	0	0	356	0
Tuskegee U.	296	564	0	0	35	0	0	0	360	0	169	0
U. Arkansas, Pine Bluff	298	553	0	0	77	0	476	0	0	0	0	0
Bryn Mawr C.	299	551	0	0	0	0	0	0	0	0	0	551
Northern Illinois U.	300	547	0	0	0	0	26	380	139	0	2	0
U. Colorado Denver ^C	301	535	0	0	0	0	125	0	0	0	408	2
California State U., Northridge	302	528	0	142	0	46	281	0	0	0	59	0
U. Washington, Bothell	303	505	41	0	92	0	0	0	0	0	269	103
Xavier U. Louisiana	304	503	99	0	0	0	404	0	0	0	0	0
Wesleyan U.	305	501	0	0	0	112	210	179	0	0	0	0
Towson U.	306	466	24	396	0	0	46	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 2021

(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
Fisk U.	307	463	0	0	0	0	463	0	0	0	0	0
Fayetteville State U.	308	447	304	0	0	0	0	0	0	0	143	0
U. North Carolina, general administration	309	408	13	0	12	0	0	11	0	0	306	66
Eastern Virginia Medical School	310	406	0	0	406	0	0	0	0	0	0	0
Seton Hall U.	311	396	0	0	0	0	396	0	0	0	0	0
U. Denver	312	395	0	0	49	0	0	0	161	0	0	185
Rush U.	313	388	0	0	388	0	0	0	0	0	0	0
Clark Atlanta U.	314	386	0	0	107	0	279	0	0	0	0	0
U. Texas, Tyler	315	379	0	0	379	0	0	0	0	0	0	0
U. Nevada, Las Vegas	316	377	0	0	85	0	199	3	0	0	90	0
Clayton U.	317	342	0	0	342	0	0	0	0	0	0	0
California State U., Chico	318	308	0	0	0	0	0	0	45	0	261	2
Southern U. and A&M C., Baton Rouge	319	303	190	0	0	0	10	0	0	0	103	0
U. Puerto Rico, Rio Piedras	320	292	0	0	0	120	172	0	0	0	0	0
Brandeis U.	321	270	267	0	0	0	0	0	0	0	3	0
Austin Peay State U.	322	263	0	136	127	0	0	0	0	0	0	0
Marquette U.	323	261	0	0	0	0	0	0	0	0	261	0
U. Hawaii, Hilo	324	253	0	131	122	0	0	0	0	0	0	0
New York Institute of Technology	325	251	0	0	0	0	0	0	0	0	251	0
U. South Dakota	326	250	0	0	250	0	0	0	0	0	0	0
U. North Florida	327	245	25	0	0	0	0	0	0	0	145	75
Kennesaw State U.	328	242	90	0	18	0	0	13	0	0	121	0
Santa Clara U.	329	234	0	0	0	0	0	0	0	0	234	0
Texas A&M U.-Corpus Christi	330	229	0	127	20	0	0	0	0	0	82	0
Catholic U. of America	331	225	0	0	26	0	88	0	0	0	111	0
California State U., Fullerton	332	224	0	0	0	20	0	73	0	0	131	0
Meharry Medical C.	333	219	0	0	219	0	0	0	0	0	0	0
Northeast Ohio Medical U.	334	218	0	0	218	0	0	0	0	0	0	0
Dillard U.	335	205	0	0	0	0	205	0	0	0	0	0
Bowie State U.	336	202	202	0	0	0	0	0	0	0	0	0
West Chester U. Pennsylvania	337	199	0	0	142	0	0	0	0	0	0	57

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 2021

(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
CUNY, Baruch C.	368	109	0	0	10	0	0	38	61	0	0	0
Framingham State U.	369	108	0	0	0	0	108	0	0	0	0	0
U. Texas Health Science Center, Tyler	370	107	0	0	107	0	0	0	0	0	0	0
U. Wisconsin-Platteville	370	107	8	0	8	2	8	0	10	0	68	3
Louisiana State U., Health Sciences Center, Shreveport	372	105	0	0	105	0	0	0	0	0	0	0
Morehouse C.	373	104	104	0	0	0	0	0	0	0	0	0
CUNY, Queens C.	374	99	0	0	0	0	99	0	0	0	0	0
Lafayette C.	374	99	46	0	53	0	0	0	0	0	0	0
Smith C.	374	99	99	0	0	0	0	0	0	0	0	0
Claremont Graduate U.	377	94	0	0	0	84	0	0	10	0	0	0
New School	378	93	0	0	0	0	0	93	0	0	0	0
Pennsylvania State U., Behrend	379	92	0	0	0	0	12	0	0	0	80	0
Texas Tech U., Health Sciences Center, El Paso	380	90	0	0	90	0	0	0	0	0	0	0
Keck Graduate Institute	381	83	0	0	36	0	0	0	0	0	45	2
U. of St. Thomas (MN)	382	82	0	0	0	0	0	0	0	0	82	0
Oregon Institute of Technology	383	80	8	1	8	3	0	0	0	0	60	0
Pepperdine U.	384	78	0	0	78	0	0	0	0	0	0	0
Yeshiva U.	384	78	0	0	78	0	0	0	0	0	0	0
U. Washington, Tacoma	386	77	44	33	0	0	0	0	0	0	0	0
Alabama State U.	387	73	0	0	0	0	0	0	0	0	73	0
Mercyhurst U.	388	71	23	1	21	6	19	1	0	0	0	0
Sam Houston State U.	388	71	0	0	0	0	68	0	0	0	0	3
U. Missouri, Saint Louis	388	71	0	0	71	0	0	0	0	0	0	0
Connecticut C.	391	69	0	0	0	0	69	0	0	0	0	0
U. Michigan, Dearborn	392	68	0	0	0	68	0	0	0	0	0	0
C. Wooster	393	66	0	0	0	0	66	0	0	0	0	0
Lawrence Technological U.	393	66	54	0	0	0	0	0	0	0	0	12
North Carolina Central U.	395	63	0	0	0	0	61	0	0	0	2	0
Texas Christian U.	395	63	0	0	29	0	0	0	0	0	8	26
Loma Linda U.	397	62	0	0	62	0	0	0	0	0	0	0
CUNY, Lehman C.	398	61	0	0	0	0	61	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 2021

(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
Williams C.	398	61	0	0	0	5	56	0	0	0	0	0
Bowling Green State U.	400	60	0	22	0	0	0	0	0	0	0	38
U. Central Oklahoma	400	60	0	0	0	0	0	0	0	60	0	0
Claremont McKenna C.	402	59	0	0	0	0	59	0	0	0	0	0
Alcorn State U.	403	58	0	0	0	0	0	0	0	0	58	0
Oklahoma State U., Center for Health Sciences	404	57	0	0	57	0	0	0	0	0	0	0
New York Medical C.	405	54	0	0	54	0	0	0	0	0	0	0
Sonoma State U.	406	53	0	0	53	0	0	0	0	0	0	0
Grambling State U.	407	50	0	0	0	0	50	0	0	0	0	0
Hofstra U.	408	45	45	0	0	0	0	0	0	0	0	0
Bucknell U.	409	43	0	0	0	28	0	0	0	0	15	0
Harvey Mudd C.	409	43	0	0	0	0	43	0	0	0	0	0
Long Island U.	411	39	0	0	39	0	0	0	0	0	0	0
Marshall B. Ketchum U.	411	39	0	0	39	0	0	0	0	0	0	0
St. John's U., New York	411	39	0	0	0	0	39	0	0	0	0	0
Christopher Newport U.	414	38	0	0	0	0	0	0	0	0	38	0
Clark U.	415	37	0	0	0	0	37	0	0	0	0	0
Middlebury C.	416	36	36	0	0	0	0	0	0	0	0	0
U. Hartford	416	36	0	0	0	0	0	0	3	0	33	0
U. Detroit Mercy	418	35	0	0	0	0	0	0	0	0	35	0
Indiana U. Pennsylvania	419	34	34	0	0	0	0	0	0	0	0	0
U. Northern Colorado	419	34	0	0	34	0	0	0	0	0	0	0
Azusa Pacific U.	421	32	0	0	32	0	0	0	0	0	0	0
Idaho State U.	422	27	0	0	4	0	0	0	0	0	23	0
Edward Via C. of Osteopathic Medicine	423	26	0	0	26	0	0	0	0	0	0	0
Northland C.	423	26	0	0	25	1	0	0	0	0	0	0
U. Wisconsin-La Crosse	423	26	0	0	0	0	0	0	26	0	0	0
Ball State U.	426	25	0	0	0	0	0	0	0	0	0	25
Appalachian State U.	427	24	0	0	24	0	0	0	0	0	0	0
Rhode Island C.	427	24	24	0	0	0	0	0	0	0	0	0
Saint Joseph's U.	429	20	0	0	0	0	0	0	20	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 2021

(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
U. of Mary Washington	430	19	19	0	0	0	0	0	0	0	0	0
Albany State U.	431	18	0	0	0	0	0	0	0	0	0	18
Eastern Michigan U.	431	18	0	0	0	0	18	0	0	0	0	0
Roger Williams U.	433	17	0	0	0	0	0	0	0	0	17	0
Monmouth U.	434	16	0	0	16	0	0	0	0	0	0	0
CUNY, John Jay C. of Criminal Justice	435	15	0	0	0	0	0	0	0	0	0	15
CUNY, York C.	435	15	0	0	0	0	15	0	0	0	0	0
James Madison U.	435	15	0	0	0	0	0	0	0	0	15	0
Vassar C.	435	15	0	0	0	0	0	15	0	0	0	0
U. Central Arkansas	439	14	14	0	0	0	0	0	0	0	0	0
U. Houston-Downtown	439	14	14	0	0	0	0	0	0	0	0	0
C. Charleston	441	9	0	0	9	0	0	0	0	0	0	0
Loyola Marymount U.	441	9	0	0	0	0	0	0	0	0	0	9
U. North Georgia	441	9	9	0	0	0	0	0	0	0	0	0
Franklin W. Olin C. of Engineering	444	8	0	0	0	0	0	0	0	0	8	0
U. Alaska, Southeast	445	6	0	0	6	0	0	0	0	0	0	0
Winthrop U.	445	6	6	0	0	0	0	0	0	0	0	0
Canisius C.	447	4	0	0	0	0	0	0	0	4	0	0
Western Kentucky U.	447	4	0	0	0	0	0	4	0	0	0	0
Arkansas State U., Jonesboro	449	3	0	0	0	0	3	0	0	0	0	0
C. of Saint Benedict	449	3 i	0 i	0 i	2 i	0 i	1 i	0 i	0 i	0 i	0 i	0 i
California State U., Channel Islands	451	2	0	0	2	0	0	0	0	0	0	0
Texas Woman's U.	451	2	0	0	2	0	0	0	0	0	0	0
Barnard C.	453	1	0	0	0	0	0	0	1	0	0	0
U. Wisconsin-Stevens Point	453	1	0	0	0	0	1	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 \$1,343,292 thousand in R&D expenditures financed by DOD in FY 2021.^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 Colorado Denver and University of Colorado Anschutz Medical Center report to the survey separately. Prior to FY 2021, expenditures were reported together under University of

Colorado Denver and Anschutz Medical Campus.

^d The University of South Florida includes expenditures from the University of South Florida, Tampa; University of South Florida, Saint Petersburg; and University of South Florida, Sarasota-Manatee campuses. Due to the consolidation of the three campuses that occurred on 1 July 2020, University of South Florida, Saint Petersburg and University of South Florida, Sarasota-Manatee began reporting with the University of South Florida, Tampa as the University of South Florida. Prior to FY 2021, all three campuses reported to the survey as separate institutions.

Note(s):

Institutions reporting zero expenditures in ranked total for FY 2021 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 2021.