

TABLE 59

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2020

(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	-	7,080,598	942,322	248,527	1,332,269	139,892	636,550	49,265	81,961	67,986	3,524,858	56,968
Johns Hopkins U. ^a	1	1,373,241	177,731	12,316	60,399	85,182	188,145	536	4,039	39,256	805,637	0
Georgia Institute of Technology	2	580,258	135,125	353	13,586	137	3,834	725	6,670	0	419,828	0
Pennsylvania State U., University Park and Hershey Medical Center	3	330,115	68,746	6,371	6,253	8,833	14,861	372	564	0	223,717	398
Uniformed Services U. of the Health Sciences	4	218,434	0	0	212,730	0	0	5,704	0	0	0	0
U. Texas, Austin	5	178,548	38,092	228	4,855	882	30,678	365	237	313	102,069	829
Utah State U.	6	153,330	0	0	936	0	123	0	135	0	152,136	0
Massachusetts Institute of Technology	7	134,685	23,828	1,207	5,351	1,220	8,504	202	886	554	91,616	1,317
U. Southern California	8	130,708	83,624	89	13,437	22	4,019	365	780	0	26,835	1,537
U. California, San Diego	9	119,510	441	71,087	17,220	4	6,123	1,060	749	0	22,826	0
U. Maryland ^b	10	100,321	14,259	94	23,735	280	11,697	1,028	8,309	5,185	33,603	2,131
Colorado State U., Fort Collins	11	96,624	1,336	11,358	75,557	779	876	81	2,311	9	4,317	0
U. Dayton	12	90,417	5,964	0	83	0	508	0	0	0	83,614	248
Carnegie Mellon U.	13	90,117	67,001	0	0	133	212	1,306	2,114	340	18,967	44
U. Washington, Seattle	14	89,508	6,276	22,620	22,429	1,746	2,314	693	328	0	32,525	577
U. Michigan, Ann Arbor	15	77,782	104	49	17,125	658	3,601	225	1,983	0	54,037	0
Stanford U.	16	69,428	8,920	808	18,553	1,383	15,862	502	374	0	23,012	14
Duke U.	17	65,776	546	2,345	36,686	942	1,409	190	101	0	23,413	144
Harvard U.	18	63,252	3,037	1,337	20,973	252	15,410	0	3,802	0	18,441	0
U. Alabama, Huntsville	19	61,157	30,747	90	9	0	253	0	1,439	0	28,580	39
George Mason U.	20	60,459	15,066	189	4,188	340	2,441	175	885	0	37,167	8
U. Pennsylvania	21	57,517	10,855	38	9,170	226	5,797	3,277	6,671	0	19,662	1,821
Woods Hole Oceanographic Institution	22	55,879	0	30,854	0	0	0	0	0	0	25,025	0
U. Illinois, Urbana-Champaign	23	52,163	8,589	159	4,619	66	4,159	327	82	126	33,380	656
U. California, Los Angeles	24	49,615	2,155	1,225	18,401	5,974	3,004	823	492	727	16,296	518
Virginia Polytechnic Institute and State U.	25	49,263	5,139	0	3,903	221	2,277	0	34	125	37,560	4
U. Pittsburgh, Pittsburgh	26	48,018	1,590	347	35,071	375	5,096	0	28	261	5,248	2
Cornell U.	27	47,799	5,661	327	11,541	0	13,459	220	790	0	15,801	0
Columbia U. in the City of New York	28	47,328	11,501	1,241	12,375	455	4,364	321	1,137	0	15,278	656
Naval Postgraduate School	29	46,777	4,560	4,584	1,655	1,788	7,121	0	3,790	771	19,509	2,999

TABLE 59

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2020

(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
Arizona State U.	30	45,400	8,359	186	7,039	459	1,853	820	1,061	1,691	22,217	1,715
Purdue U., West Lafayette	31	45,016	5,743	35	1,912	431	2,934	94	1,448	80	32,034	305
Northwestern U.	32	43,595	1,058	0	14,386	0	11,050	440	17	1,955	13,355	1,334
U. Virginia, Charlottesville	33	41,234	10,507	15	11,534	16	2,793	52	196	0	16,058	63
U. Colorado Boulder	34	40,468	3,144	2,550	2,776	0	14,322	524	0	0	17,152	0
Texas A&M U., College Station and Health Science Center	35	40,392	2,355	403	10,805	252	243	22	647	96	25,222	347
U. California, Berkeley	36	39,226	0	0	3,675	417	6,923	545	167	2,176	24,695	628
Ohio State U.	37	38,504	1,238	508	11,633	552	4,272	158	182	146	19,617	198
SUNY, U. Buffalo	38	37,862	0	43	3,505	0	836	0	0	0	33,478	0
U. Wisconsin-Madison	39	37,336	2,989	1,280	9,763	612	7,360	120	11	820	14,359	22
U. Alabama, Birmingham	40	37,281	0	0	13,931	0	589	66	0	0	22,695	0
U. California, San Francisco	41	36,517	0	0	32,465	0	4,052	0	0	0	0	0
U. Central Florida	42	35,966	12,649	0	874	0	11,065	3,803	68	0	7,496	11
Mississippi State U.	43	35,757	734	0	341	0	157	232	3,977	0	30,311	5
North Carolina State U.	44	35,434	2,133	792	5,862	2,333	1,228	0	330	7,675	15,049	32
U. California, Santa Barbara	45	34,900	3,677	645	337	0	8,535	71	54	0	21,581	0
California Institute of Technology	46	34,756	7,737	1,173	2,176	0	12,726	0	0	0	10,590	354
U. Florida	47	33,813	1,876	0	13,696	210	425	17	944	0	16,623	22
U. Minnesota, Twin Cities	48	33,686	813	0	13,777	356	1,018	25	7	0	16,238	1,452
U.S. Air Force Academy	49	33,115	490	0	0	0	2,636	0	227	0	29,762	0
Northeastern U.	50	32,845	6,362	0	1,094	0	1,316	483	1,596	0	21,742	252
Vanderbilt U. and Vanderbilt U. Medical Center	51	31,004	0	25	17,114	0	175	0	0	0	13,690	0
U. Utah	52	30,944	4,576	19	10,977	70	3,127	2,433	1,655	0	8,087	0
Princeton U.	53	30,324	3,423	444	2,169	1,140	5,938	241	540	0	16,321	108
Mercer U.	54	29,687	0	0	91	0	0	0	0	0	29,596	0
U. Hawaii, Manoa	55	29,458	8,649	1,980	1,127	124	7,476	0	0	0	10,102	0
U. Arizona	56	29,232	3,961	67	8,990	118	2,309	184	534	333	12,679	57
Montana State U., Bozeman	57	28,685	264	0	3,102	136	1,420	0	0	36	17,153	6,574
Icahn School of Medicine at Mount Sinai	58	27,216	0	0	27,216	0	0	0	0	0	0	0
U. Notre Dame	59	26,047	1,451	0	944	179	1,583	213	0	371	21,306	0
Wright State U.	60	25,512	517	0	1,173	0	524	1,074	0	0	22,173	51

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Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2020

(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
Yale U.	61	25,104	833	103	8,528	430	8,389	105	52	0	6,664	0
U. Chicago	62	24,834	1,691	0	4,539	389	8,033	882	1,835	0	7,465	0
Wichita State U.	63	23,795	0	0	0	0	0	41	0	0	23,733	21
SUNY, Polytechnic Institute	64	22,879	0	0	0	0	0	0	0	0	22,879	0
Stevens Institute of Technology	65	21,663	1,973	2,462	0	0	811	0	0	0	15,445	972
New York U.	66	21,608	1,974	0	11,106	1,912	2,745	784	0	0	2,606	481
Air Force Institute of Technology	67	21,467	1,656	490	0	497	4,515	0	0	0	14,309	0
U. Nebraska, central administration	68	21,430	1,385	0	10,847	0	0	0	0	0	8,340	858
New Jersey Institute of Technology	69	20,760	1,315	0	212	435	1,122	0	283	2	16,329	1,062
Boston U.	70	20,249	1,260	164	6,366	313	1,533	282	0	0	9,513	818
U. New Mexico	71	20,057	615	98	3,121	0	2,282	226	388	645	12,482	200
U. California, Davis	72	19,757	809	144	11,480	185	837	0	220	0	5,941	141
Rice U.	73	19,702	2,745	363	1,444	240	2,713	676	0	0	11,521	0
Brown U.	74	19,546	5,029	192	3,051	2,170	1,497	8	181	54	7,364	0
New Mexico State U.	75	19,336	0	11	3,227	0	11,394	0	0	0	4,704	0
U. North Carolina, Chapel Hill	76	19,056	2,875	513	10,698	359	4,057	0	118	0	376	60
Oregon State U.	77	18,278	2,047	4,549	2,562	67	267	69	0	630	7,525	562
U. Delaware	78	18,040	366	816	2,059	674	2,809	0	51	0	11,117	148
Florida State U.	79	17,546	528	875	352	127	763	3,734	0	0	11,167	0
U. Missouri, Columbia	80	17,161	1,867	259	3,957	0	3,364	429	0	0	7,252	33
U. Massachusetts, Lowell	81	17,086	889	650	157	0	7,010	0	422	0	7,629	329
U. Massachusetts, Amherst	82	16,361	5,782	0	928	300	2,563	1	0	0	6,787	0
Wake Forest U.	83	16,115	0	0	16,089	0	26	0	0	0	0	0
Baylor C. of Medicine	84	15,890	0	0	15,890	0	0	0	0	0	0	0
Washington U., Saint Louis	85	15,787	1,243	0	12,267	0	434	329	0	0	1,502	12
Michigan State U.	86	15,237	2,406	106	2,601	568	878	308	40	68	7,639	623
Indiana U., Bloomington	87	15,214	2,254	120	11,996	18	538	132	22	11	82	41
Case Western Reserve U.	88	14,648	0	0	7,378	30	1,907	0	122	0	5,211	0
U. Miami	89	14,610	0	6,180	6,966	0	435	528	0	0	501	0
U. Iowa	90	14,506	1,127	0	5,004	95	2,082	0	19	0	6,107	72
Emory U.	91	14,235	52	191	10,056	256	2,900	0	33	0	703	44
U. California, Irvine	92	14,181	1,925	0	6,184	516	582	44	0	0	4,891	39

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Rutgers, State U. New Jersey, New Brunswick	93	14,023	0	347	3,689	685	1,367	21	7	0	7,889	18
Virginia Commonwealth U.	94	13,929	0	0	10,178	46	355	20	25	0	3,194	111
U. Tennessee, Knoxville ^C	95	13,702	628	69	3,008	192	279	0	108	378	8,951	89
U. Connecticut	96	13,660	142	445	1,704	23	1,528	0	0	0	9,818	0
U. Texas, Dallas	97	13,592	2,514	0	2,293	0	3,167	0	72	13	5,533	0
U. Cincinnati	98	13,220	0	11	9,270	159	128	0	112	0	3,365	175
U. Rochester	99	13,201	878	42	5,394	0	5,067	27	31	0	1,762	0
Oregon Health and Science U.	100	13,163	0	0	13,118	0	0	0	0	0	45	0
U. Colorado Denver and Anschutz Medical Campus	101	12,993	0	0	12,148	25	0	0	0	0	568	252
Iowa State U.	102	12,666	1,200	0	2,171	0	545	0	0	0	8,657	93
Michigan Technological U.	103	12,512	3	896	0	152	275	0	0	0	11,001	185
U. Maine	104	12,392	0	91	21	0	263	0	0	13	12,004	0
U. Hawaii, system office	105	11,673	0	11,673	0	0	0	0	0	0	0	0
Tufts U.	106	11,639	2,908	0	3,677	90	39	420	0	253	4,252	0
U.S. Naval Academy	107	11,379	1,213	619	0	736	1,629	0	0	0	6,886	296
U. Southern Mississippi	108	11,057	4	2,782	183	187	4,869	0	2,570	0	456	6
Auburn U., Auburn	109	10,945	773	0	947	0	811	220	0	50	8,132	12
U. Alaska, Fairbanks	110	10,747	84	1,593	197	0	4,401	0	1	302	4,117	52
U. Illinois, Chicago	111	10,406	1,581	0	5,678	0	166	0	0	0	2,502	479
Missouri State U.	112	10,359	48	0	68	0	0	0	147	0	10,096	0
Rensselaer Polytechnic Institute	113	10,332	1,798	0	0	508	348	2,477	0	0	4,747	454
Florida International U.	114	10,180	2,173	718	907	0	1,193	0	775	0	4,414	0
U. Mississippi	115	9,899	0	0	2,924	0	3,486	0	0	0	3,489	0
Georgetown U.	116	9,875	1,441	0	8,307	0	6	0	97	24	0	0
U. Oklahoma, Norman and Health Science Center	117	9,809	53	1,298	2,331	0	438	115	297	0	4,953	324
Louisiana State U., Baton Rouge	118	9,664	4,465	125	3,101	753	644	0	159	0	417	0
Colorado School of Mines	119	9,593	722	171	110	97	1,244	0	0	0	7,142	107
Temple U.	120	9,097	319	0	4,964	0	2,174	0	27	0	984	629
Washington State U.	121	8,962	603	377	3,506	212	2,112	238	61	0	1,853	0
U. Texas, Arlington	122	8,647	0	0	331	1	1,894	38	0	0	6,383	0

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Dartmouth C. and Dartmouth Hitchcock Medical Center	123	8,404	2,460	0	1,537	117	358	679	0	0	3,253	0
U. Nebraska, Lincoln	124	8,390	796	142	223	28	1,755	89	0	0	5,338	19
U. Texas Southwestern Medical Center	125	7,973	0	0	7,973	0	0	0	0	0	0	0
George Washington U.	126	7,873	381	0	1,464	221	252	218	1,011	155	4,103	68
U. Texas Health Science Center, Houston	127	7,857	0	0	7,857	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center	128	7,839	0	0	7,729	21	0	0	89	0	0	0
New Mexico Institute of Mining and Technology	129	7,835	1,958	69	0	50	80	0	0	0	5,678	0
Drexel U.	130	7,803	435	0	812	0	1	0	0	0	6,555	0
Old Dominion U.	131	7,549	70	0	735	82	42	15	59	0	6,250	296
U. Texas Health Science Center, San Antonio	132	7,444	0	0	7,444	0	0	0	0	0	0	0
U.S. Military Academy	133	7,279	467	98	295	0	806	4	19	0	5,252	338
U. Kansas	134	7,246	1,406	778	2,568	117	18	0	28	0	2,325	6
U. Kentucky	135	7,198	367	0	4,256	0	126	138	0	0	2,059	252
U. California, Riverside	136	6,934	1,132	0	1,372	0	489	186	0	0	3,755	0
Worcester Polytechnic Institute	137	6,870	1,183	0	0	281	0	0	0	0	5,272	134
U. Missouri, Kansas City	138	6,854	189	0	468	0	314	0	0	0	5,883	0
Northern Arizona U.	139	6,850	59	0	4,360	0	133	537	0	0	1,761	0
U. Massachusetts, Medical School	140	6,772	0	0	6,772	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	141	6,693	185	0	18	0	327	148	104	0	5,425	486
Rochester Institute of Technology	142	6,494	894	0	0	194	1,897	5	0	0	3,486	18
Medical C. Wisconsin	143	6,418	0	0	4,656	0	0	0	0	0	1,762	0
Wayne State U.	144	6,346	0	14	3,931	155	802	0	0	0	1,413	31
U. Texas Medical Branch	145	6,042	0	0	6,042	0	0	0	0	0	0	0
Texas Tech U.	146	6,022	0	6	423	0	415	251	0	0	4,712	215
SUNY, Stony Brook U.	147	6,009	1,992	0	1,286	481	1,129	0	0	31	1,090	0
Naval War C.	148	5,944	0	0	0	0	0	0	724	0	0	5,220
SUNY, Binghamton U.	149	5,485	1,037	0	397	0	566	121	0	0	3,158	206
U. Nebraska, Medical Center	150	5,403	0	0	5,403	0	0	0	0	0	0	0
Clemson U.	151	5,394	159	0	280	479	101	0	0	0	4,358	17

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U. Nevada, Reno	152	5,334	1,500	16	2,726	81	260	0	203	0	536	12
Nova Southeastern U.	153	5,165	0	2,852	2,015	0	0	298	0	0	0	0
Desert Research Institute	154	5,097	0	5,097	0	0	0	0	0	0	0	0
Kansas State U.	155	4,948	1,077	0	985	0	272	414	367	0	1,790	43
U. Rhode Island	156	4,913	0	1,365	259	0	113	0	75	0	2,872	229
U. Arkansas, Fayetteville	157	4,854	199	8	434	0	692	0	0	0	3,521	0
U. New Hampshire	158	4,758	0	2,612	721	0	155	132	62	0	974	102
U. North Carolina, Charlotte	159	4,714	682	0	418	285	798	261	616	0	1,641	13
Albert Einstein C. of Medicine	160	4,693	0	0	4,693	0	0	0	0	0	0	0
Rowan U.	161	4,659	0	0	0	0	0	0	0	0	4,659	0
West Virginia U.	162	4,636	979	0	2,072	0	174	0	166	4	1,110	131
National Defense U.	163	4,583	0	0	200	0	0	0	2,383	0	0	2,000
Southern Methodist U.	164	4,503	20	2,437	0	128	0	0	0	0	1,898	20
U. South Carolina, Columbia	165	4,488	110	174	928	179	0	0	402	0	2,497	198
U. Texas, San Antonio	166	4,451	1,412	0	892	0	877	77	51	0	1,142	0
U. Houston	167	4,371	0	0	516	193	315	153	39	0	3,155	0
Tulane U.	168	4,274	1,342	164	2,288	0	480	0	0	0	0	0
Missouri U. of Science and Technology	169	4,238	0	0	19	0	443	134	0	0	3,642	0
U. South Florida, Tampa	170	4,148	782	0	1,350	56	137	50	24	0	1,404	345
U. California, Santa Cruz	171	4,135	168	1,654	48	0	90	0	73	0	2,102	0
Brigham Young U., Provo	172	4,112	738	0	132	4	642	0	0	0	1,354	1,242
Florida Atlantic U.	173	3,964	72	26	2,138	144	266	0	0	0	1,123	195
U. Arkansas, Little Rock	174	3,787	1,906	0	1,879	0	0	0	2	0	0	0
Cleveland State U.	175	3,490	0	0	1,360	0	0	0	0	0	2,130	0
Lehigh U.	176	3,470	327	0	0	0	0	0	0	0	3,108	35
U. Maryland, Baltimore County	177	3,410	1,269	0	153	8	727	0	0	0	1,187	66
Boston C.	178	3,386	0	2,739	141	0	506	0	0	0	0	0
Florida Institute of Technology	179	3,335	660	110	235	0	108	182	0	0	2,040	0
U. Oregon	180	3,325	473	0	707	0	679	367	241	0	0	858
San Diego State U.	181	3,318	246	408	602	27	108	0	197	0	1,596	134
CUNY, Advanced Science Research Center	182	3,247	0	0	0	0	2,740	0	0	0	507	0

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U. Louisville	183	3,236	0	0	2,251	0	0	37	0	0	948	0
Thomas Jefferson U.	184	3,229	0	0	3,170	0	0	0	0	0	59	0
North Carolina Agricultural and Technical State U.	185	3,140	548	0	0	113	57	0	0	0	2,406	16
Texas State U.	186	3,102	189	1,449	0	0	646	0	818	0	0	0
Syracuse U.	187	3,044	45	0	270	0	487	0	0	0	1,930	312
U. Georgia	188	3,039	109	3	1,515	0	157	135	245	0	784	91
U. California, Merced	189	3,018	116	0	0	904	1,121	0	0	0	877	0
U. Tennessee, Health Science Center	190	2,943	0	0	2,943	0	0	0	0	0	0	0
U. Toledo	191	2,828	0	0	339	0	2,219	0	0	0	270	0
U. Texas, El Paso	192	2,802	262	18	139	3	83	0	14	0	2,283	0
Oklahoma State U., Stillwater	193	2,798	0	0	430	24	149	0	0	0	2,195	0
U. Akron	194	2,779	0	0	387	11	889	4	0	0	1,488	0
SUNY, U. Albany	195	2,724	1,410	436	207	0	0	128	392	0	0	151
Youngstown State U.	196	2,717	0	0	0	0	0	0	0	0	2,717	0
Montana Technological U.	197	2,644	0	0	0	0	0	0	0	0	2,644	0
Medical U. South Carolina	198	2,640	0	0	2,640	0	0	0	0	0	0	0
Scripps Research Institute	199	2,606	0	0	2,606	0	0	0	0	0	0	0
Howard U.	200	2,569	115	0	512	0	122	34	0	0	1,786	0
Rockefeller U.	201	2,561	0	466	2,095	0	0	0	0	0	0	0
Georgia State U.	202	2,517	0	0	36	0	1,476	0	21	0	0	984
Portland State U.	203	2,512	306	31	204	260	0	250	0	0	1,383	78
Norfolk State U.	204	2,355	2,001	0	0	0	354	0	0	0	0	0
Boise State U.	205	2,338	152	0	657	76	434	0	363	0	638	18
Loma Linda U.	206	2,331	0	0	2,331	0	0	0	0	0	0	0
U. Vermont	207	2,321	454	0	1,231	118	2	0	0	0	516	0
U. North Texas, Denton	208	2,320	65	80	5	37	431	0	36	0	1,624	42
South Dakota School of Mines and Technology	209	2,319	49	0	0	94	269	0	0	0	1,907	0
U. Montana, Missoula	210	2,296	0	0	2,277	0	19	0	0	0	0	0
Louisiana Tech U.	211	2,093	726	0	12	0	3	0	0	0	1,343	9
U. Alaska, Anchorage	212	2,078	0	696	681	0	59	0	474	152	2	14
William & Mary	213	2,057	17	319	120	138	903	0	69	0	0	491

TABLE 59

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2020

(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.	246	1,061	0	0	156	0	169	0	0	0	716	20
San Jose State U.	247	1,044	0	573	239	0	211	0	0	0	21	0
Tennessee Technological U.	247	1,044	0	0	126	0	0	0	0	0	791	127
Loyola U., Chicago	249	1,041	0	0	1,035	0	0	6	0	0	0	0
U. Memphis	250	1,028	434	66	64	0	0	114	84	0	171	95
Wesleyan U.	251	1,002	0	0	0	169	663	170	0	0	0	0
Illinois Institute of Technology	252	970	183	0	129	0	0	0	0	0	658	0
U. Maryland Center for Environmental Science	253	955	0	116	839	0	0	0	0	0	0	0
SUNY, Downstate Medical Center	254	946	0	0	946	0	0	0	0	0	0	0
U. Arkansas for Medical Sciences	255	931	0	0	931	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	256	917	0	0	917	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	257	884	0	0	0	0	37	0	0	0	847	0
Charles R. Drew U. of Medicine and Science	258	874	0	0	874	0	0	0	0	0	0	0
Toyota Technological Institute, Chicago	259	852	852	0	0	0	0	0	0	0	0	0
Alabama A&M U.	260	839	i 99	i 0	i 205	i 10	i 64	i 8	i 9	i 0	i 436	i 8
U. Massachusetts, Boston	261	827	0	0	510	0	125	0	0	0	192	0
Southern Illinois U., Carbondale	262	824	0	4	738	0	0	0	0	44	38	0
U. of Health Sciences and Pharmacy in St. Louis	263	801	0	0	801	0	0	0	0	0	0	0
Rosalind Franklin U. of Medicine and Science	264	796	0	0	796	0	0	0	0	0	0	0
Texas Tech U., Health Sciences Center	265	792	0	0	792	0	0	0	0	0	0	0
Xavier U. Louisiana	266	781	0	0	230	0	551	0	0	0	0	0
U. Colorado Colorado Springs	267	748	139	112	54	0	0	0	0	0	401	42
Creighton U.	268	730	i 220	i 36	i 218	i 41	i 184	i 9	i 16	i 0	i 0	i 6
Van Andel Research Institute	268	730	0	0	730	0	0	0	0	0	0	0
U. Tennessee, Chattanooga	270	722	93	0	0	0	0	78	0	0	551	0
Clark Atlanta U.	271	709	0	0	269	0	440	0	0	0	0	0
Tennessee State U.	272	679	58	0	0	0	0	0	0	0	621	0
California State U., Long Beach	273	674	0	0	7	0	0	0	0	0	667	0
U. Northern Iowa	274	673	0	0	0	0	673	0	0	0	0	0

TABLE 59

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2020

(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
Bryn Mawr C.	275	672	0	0	0	0	0	0	0	0	0	672
Florida A&M U.	276	663	54	0	0	0	87	0	0	0	522	0
U. of the District of Columbia	277	648	0	0	0	0	0	0	0	0	648	0
Dillard U.	278	646	0	0	0	0	646	0	0	0	0	0
Eastern Virginia Medical School	278	646	0	0	646	0	0	0	0	0	0	0
Jackson State U.	280	645	2	0	1	55	561	0	0	0	26	0
U. Louisiana, Lafayette	281	634	0	10	7	0	20	0	0	0	45	552
U. Wisconsin-Milwaukee	282	616	0	0	0	0	0	0	0	0	616	0
Clafin U.	283	612	0	0	612	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	284	602	66	0	0	0	49	0	0	0	487	0
Alfred U.	285	597	0	0	0	0	0	0	0	0	597	0
U. Denver	286	588	0	0	37	0	0	0	284	0	267	0
Western U. of Health Sciences	287	585	0	0	585	0	0	0	0	0	0	0
Savannah State U.	288	582	0	150	60	0	0	0	0	0	372	0
U. North Carolina, general administration	289	572	10	0	0	0	0	0	0	0	552	10
Towson U.	290	562	79	468	0	0	15	0	0	0	0	0
Villanova U.	291	559	73	0	0	2	10	0	0	0	474	0
U. North Texas, Health Science Center	292	548	0	0	548	0	0	0	0	0	0	0
Brandeis U.	293	545	529	0	0	0	16	0	0	0	0	0
U. of the Incarnate Word	294	531	0	0	531	0	0	0	0	0	0	0
California State U., Chico	295	503	0	0	0	0	0	0	225	0	246	32
Rush U.	296	457	0	0	457	0	0	0	0	0	0	0
Duquesne U.	297	456	0	0	456	0	0	0	0	0	0	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	298	451	79	0	69	0	0	0	0	0	303	0
California Polytechnic State U., San Luis Obispo	299	440	137	93	0	0	0	0	0	0	210	0
South Dakota State U.	300	435	0	0	105	40	226	0	0	0	64	0
New York Medical C.	301	403	0	0	403	0	0	0	0	0	0	0
U. North Carolina, Greensboro	302	402	0	0	54	0	285	0	0	0	0	63
Oakland U.	303	401	175	0	33	0	102	0	0	0	91	0
Southern U. and A&M C., Baton Rouge	304	396	182	0	0	0	95	0	0	0	119	0

TABLE 59

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2020

(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
Bowie State U.	305	394	394	0	0	0	0	0	0	0	0	0
Fordham U.	306	382	164	0	0	0	0	218	0	0	0	0
Marquette U.	307	380	0	0	0	0	0	0	0	0	380	0
Texas A&M U.-Kingsville	307	380	0	0	23	0	0	0	0	0	357	0
Catholic U. of America	309	363	0	0	35	0	17	0	0	0	311	0
Morehouse C.	310	359	359	0	0	0	0	0	0	0	0	0
U. South Alabama	310	359	11	0	38	0	119	0	0	0	191	0
Albany Medical C.	312	357	0	0	357	0	0	0	0	0	0	0
Citadel Military C. South Carolina	313	350	341	0	9	0	0	0	0	0	0	0
CUNY, Hunter C.	314	342	0	0	99	0	243	0	0	0	0	0
Marshall U.	315	341	73	0	69	0	2	0	0	0	197	0
San Francisco State U.	316	331	0	0	0	0	111	0	0	0	220	0
Fisk U.	317	326	0	0	326	0	0	0	0	0	0	0
U. North Georgia	318	321	37	9	67	0	0	0	0	0	0	208
Texas A&M International U.	319	317	0	0	0	0	0	0	0	317	0	0
U. San Diego	320	316	0	0	21	63	80	1	0	0	0	151
Delaware State U.	321	315	0	0	0	130	0	0	0	0	185	0
Purdue U., Northwest	322	312	109	0	0	0	0	0	0	0	203	0
U. New Haven	322	312	73	0	0	0	0	0	130	0	109	0
Texas Tech U., Health Sciences Center, El Paso	324	310	0	0	310	0	0	0	0	0	0	0
California State U., Monterey Bay	325	290	0	261	29	0	0	0	0	0	0	0
U. Puerto Rico, Rio Piedras	326	276	0	0	0	102	174	0	0	0	0	0
CUNY, Baruch C.	327	263	0	0	42	0	0	40	181	0	0	0
U. Hawaii, Hilo	328	259	0	210	49	0	0	0	0	0	0	0
U. North Carolina, Wilmington	329	257	30	0	157	0	0	0	0	0	0	70
California State U., Los Angeles	330	252	0	0	0	0	244	0	0	0	8	0
West Chester U. Pennsylvania	331	251	0	0	196	0	0	0	0	0	0	55
U. South Dakota	332	247	0	0	241	0	0	0	0	0	0	6
Polytechnic U. Puerto Rico	333	244	244	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	333	244	244	0	0	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	335	240	0	0	240	0	0	0	0	0	0	0

TABLE 59

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2020

(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
Lawrence Technological U.	336	224	63	0	0	0	0	0	0	0	161	0
Southern Connecticut State U.	337	219	0	0	0	0	219	0	0	0	0	0
Tuskegee U.	338	217	0	0	36	0	0	0	0	0	181	0
Bucknell U.	339	213	0	0	1	0	0	0	0	0	85	127
U. Wisconsin-Oshkosh	340	209	22	5	45	2	13	2	1	0	118	1
Sam Houston State U.	341	197	0	0	0	0	197	0	0	0	0	0
Alabama State U.	342	183	0	0	183	0	0	0	0	0	0	0
CUNY, New York City C. of Technology	342	183	0	0	0	0	133	0	0	0	50	0
Stonehill C.	342	183	0	183	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	345	180	0	0	78	0	102	0	0	0	0	0
CUNY, Queens C.	346	176	0	0	0	0	176	0	0	0	0	0
Calvin U.	347	163	0	0	0	31	132	0	0	0	0	0
Northeast Ohio Medical U.	348	159	0	0	159	0	0	0	0	0	0	0
Fort Valley State U.	349	158	0	0	0	158	0	0	0	0	0	0
U. Washington, Bothell	349	158	41	53	0	0	0	0	0	0	0	64
New School	351	157	0	0	0	0	0	157	0	0	0	0
Northern Illinois U.	351	157	0	0	0	0	0	28	129	0	0	0
Pace U.	353	153	153	0	0	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, New Orleans	354	145	0	0	145	0	0	0	0	0	0	0
California Lutheran U.	355	144	0	0	144	0	0	0	0	0	0	0
California State U., Channel Islands	355	144	0	0	144	0	0	0	0	0	0	0
U. Washington, Tacoma	357	139	98	41	0	0	0	0	0	0	0	0
California State U., San Bernardino	358	133	34	0	0	0	0	0	99	0	0	0
U. Wisconsin-Green Bay	359	131	15	3	30	1	9	1	1	0	70	1
SUNY, C. of Environmental Science and Forestry	360	130	0	0	130	0	0	0	0	0	0	0
CUNY, Medgar Evers C.	361	129	0	0	0	0	129	0	0	0	0	0
New York Institute of Technology	361	129	0	0	0	0	0	0	0	0	129	0
U. North Florida	361	129	0	0	0	0	0	0	0	0	70	59
East Tennessee State U.	364	126	0	0	126	0	0	0	0	0	0	0
Claremont Graduate U.	365	120	0	0	0	0	0	0	120	0	0	0
Azusa Pacific U.	366	116	0	0	116	0	0	0	0	0	0	0

TABLE 59

Federally financed higher education R&D expenditures, financed by the Department of Defense, ranked by DOD R&D expenditures, by R&D field: FY 2020

(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
Texas Woman's U.	462	2	0	0	2	0	0	0	0	0	0	0
CUNY, Lehman C.	463	1	0	0	0	0	1	0	0	0	0	0
U. Houston-Clear Lake	463	1	1	0	0	0	0	0	0	0	0	0
U. of St. Thomas (MN)	463	1	0	0	0	0	0	0	0	0	1	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 \$1,297,401 thousand in R&D expenditures financed by DOD in FY 2020.^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 Tennessee, Knoxville includes expenditures from the University of Tennessee Institute of Agriculture. Due to a reorganization within the University of Tennessee system, the Institute of Agriculture now falls under the leadership of the University of Tennessee, Knoxville chancellor. Prior to FY 2020, the University of Tennessee, Knoxville, Institute of Agriculture reported to the survey separately.**Note(s):**

Institutions reporting zero expenditures in ranked total for FY 2020 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 2020.