

TABLE 63
Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2021

(Dollars in thousands)

Institution	Rank	NASA 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	-	1,768,703	23,132	453,130	89,649	2,895	588,836	18,586	17,391	6,139	560,071	8,874
Johns Hopkins U. ^a	1	368,276	7,461	47,423	756	348	114,049	0	0	77	198,162	0
U. Colorado Boulder	2	148,496	216	34,161	420	98	44,358	0	10	0	69,202	31
U. Maryland ^b	3	70,478	10	20,364	522	0	38,535	0	8,066	590	2,391	0
California Institute of Technology	4	57,283	0	11,068	651	0	44,600	0	0	0	715	249
U. Arizona	5	57,082	0	2,010	1,226	2	51,058	0	0	0	2,786	0
Arizona State U.	6	52,725	103	44,943	717	0	226	0	2,726	76	3,861	73
U. California, Berkeley	7	41,499	0	582	634	0	37,799	0	2	1,637	845	0
Utah State U.	8	40,570	0	0	500	0	661	0	0	0	39,409	0
U. Oklahoma, Norman and Health Science Center	9	37,080	0	35,968	68	0	863	0	0	0	181	0
Massachusetts Institute of Technology	10	36,195	218	7,041	128	17	17,945	0	0	810	9,979	57
U. Alabama, Huntsville	11	28,939	3,749	11,696	13	0	5,842	0	0	0	7,639	0
U. Michigan, Ann Arbor	12	27,565	0	464	262	94	2,924	13	947	0	22,861	0
U. California, Los Angeles	13	26,042	0	19,942	319	0	2,887	0	287	0	2,607	0
U. Maryland, Baltimore County	14	25,359	722	10,562	0	0	13,216	47	0	0	769	43
U. New Hampshire	15	24,077	0	23,501	185	0	105	0	0	0	135	151
U. Alaska, Fairbanks	16	21,739	48	17,549	165	0	3,781	0	0	0	196	0
Columbia U. in the City of New York	17	20,968	64	13,019	563	0	4,808	0	0	0	2,514	0
U. Iowa	18	20,876	0	20	0	0	19,829	0	25	0	971	31
U. Washington, Seattle	19	20,873	23	8,635	1,950	0	3,409	0	0	0	6,742	114
San Jose State U.	20	20,113	0	1,723	0	0	366	17,958	0	0	66	0
Baylor C. of Medicine	21	19,759	0	0	19,759	0	0	0	0	0	0	0
Stanford U.	22	18,233	0	1,774	757	0	10,921	0	208	0	3,761	812
Pennsylvania State U., University Park and Hershey Medical Center	23	15,518	14	3,001	151	33	9,803	0	0	0	2,495	21
Princeton U.	24	14,005	0	802	0	0	12,224	0	0	0	979	0
U. Texas, Austin	25	13,954	472	2,372	293	80	2,736	0	0	0	8,001	0
Catholic U. of America	26	13,378	0	0	0	0	12,732	0	0	0	646	0
Purdue U., West Lafayette	27	12,115	195	2,013	172	0	856	0	0	0	8,869	10
Georgia Institute of Technology	28	12,063	224	2,973	522	44	3,692	0	0	0	4,523	85
U. Hawaii, Manoa	29	11,971	74	6,690	193	0	4,631	0	0	0	383	0

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U. Wisconsin-Madison	30	11,307	603	5,193	2,841	0	1,758	0	34	34	844	0
U. California, San Diego	31	10,171	153	6,062	559	0	1,858	0	0	0	1,539	0
U. Illinois, Urbana-Champaign	32	10,081	14	1,211	547	0	2,063	0	11	0	6,216	19
U. Alabama, Birmingham	33	9,847	0	0	0	0	227	0	0	0	9,620	0
U. Central Florida	34	9,402	880	0	33	0	2,387	0	0	0	6,053	49
Texas A&M U., College Station and Health Science Center	35	9,126	19	2,390	1,208	37	766	0	0	0	4,706	0
Washington U., Saint Louis	36	8,814	0	4,103	0	0	3,956	0	0	0	755	0
U. Florida	37	8,687	4	479	2,266	0	1,134	0	44	0	4,754	6
Harvard U.	38	8,549	17	4,437	515	0	2,629	0	172	0	779	0
Ohio State U.	39	8,438	0	1,181	242	13	2,216	0	26	86	4,673	1
Boston U.	40	8,154	0	3,235	58	0	3,255	0	0	0	1,282	324
Colorado State U., Fort Collins	41	7,984	0	4,088	2,207	0	0	0	0	30	1,659	0
George Mason U.	42	7,646	130	6,590	0	0	522	0	0	0	333	71
U. Minnesota, Twin Cities	43	7,611	0	332	1,612	0	4,099	0	25	0	1,543	0
Cornell U.	44	7,536	0	719	526	0	4,619	0	0	0	1,672	0
Woods Hole Oceanographic Institution	45	7,249	0	6,856	0	0	0	0	0	0	393	0
Montana State U., Bozeman	46	7,188	0	300	766	0	4,035	0	10	770	1,192	115
U. California, Irvine	47	6,740	0	3,600	1,526	0	947	0	0	0	667	0
Auburn U., Auburn	48	6,492	9	32	130	0	1,258	0	0	0	5,063	0
U. Chicago	49	6,313	29	2,331	0	0	3,942	0	0	0	11	0
Oregon State U.	50	6,056	33	2,811	2,154	0	293	199	0	91	475	0
U. California, Santa Barbara	51	5,881	0	2,778	403	0	1,000	0	1,064	0	636	0
U. California, Davis	52	5,568	0	157	630	0	956	0	0	0	3,825	0
U. Toledo	53	4,620	0	1,468	0	0	580	0	0	0	2,572	0
Virginia Polytechnic Institute and State U.	54	4,581	0	270	315	42	230	0	0	0	3,724	0
Dartmouth C. and Dartmouth Hitchcock Medical Center	55	4,560	0	120	552	0	3,042	0	122	3	721	0
Michigan Technological U.	56	4,344	0	1,280	0	0	40	0	2	0	3,022	0
U. Delaware	57	4,314	23	330	211	0	2,031	0	0	0	1,719	0
U. Pennsylvania	58	4,250	0	177	2,061	0	1,651	0	0	0	361	0
Hampton U.	59	4,115	0	1,697	0	0	2,418	0	0	0	0	0
U. Virginia, Charlottesville	60	4,060	448	586	299	0	1,641	0	0	0	1,086	0

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Texas State U.	61	4,032	0	296	310	0	247	0	0	0	395	2,784
Northern Arizona U.	62	3,977	0	798	479	0	2,570	0	0	130	0	0
New Mexico State U.	63	3,974	0	458	0	0	2,228	0	0	0	1,237	51
Michigan State U.	64	3,963	0	618	723	35	398	0	1,655	0	534	0
Case Western Reserve U.	65	3,948	0	392	2	0	814	0	0	0	2,740	0
Carnegie Mellon U.	66	3,942	2,051	0	0	0	327	0	0	0	1,564	0
West Virginia U.	67	3,878	179	80	0	0	853	0	0	0	2,766	0
Rice U.	68	3,817	150	935	49	44	1,385	151	0	0	1,038	65
SUNY, Stony Brook U.	69	3,707	0	2,311	678	0	285	0	0	67	319	47
Brown U.	70	3,692	28	2,366	0	0	1,262	0	0	0	36	0
U. Utah	71	3,666	374	1,396	160	0	461	0	0	0	671	604
U. California, Santa Cruz	72	3,638	0	1,061	41	0	2,534	0	0	0	2	0
Louisiana State U., Baton Rouge	73	3,625	30	717	234	0	1,415	0	31	0	219	979
Yale U.	74	3,577	0	762	1,170	10	967	0	0	0	668	0
U. Tennessee, Knoxville	75	3,469	0	1,207	116	0	1	0	0	0	2,145	0
Rutgers, State U. New Jersey, New Brunswick	76	3,426	0	1,328	557	0	787	0	0	0	754	0
Morgan State U.	77	3,395	0	3,199	0	0	0	0	0	0	196	0
U. Southern California	78	3,338	402	343	457	8	472	0	0	0	1,656	0
Northwestern U.	79	3,213	0	215	520	0	1,174	0	0	0	1,042	262
U. Massachusetts, Amherst	80	3,206	387	182	160	0	1,153	0	0	0	1,324	0
Florida State U.	81	3,188	15	1,383	342	8	552	0	0	0	888	0
U. South Carolina, Columbia	82	3,040	88	66	432	1	371	0	0	0	2,074	8
Rensselaer Polytechnic Institute	83	2,994	102	921	0	0	367	0	0	0	1,604	0
Rochester Institute of Technology	84	2,950	0	0	8	421	2,514	0	0	0	7	0
U. Houston	85	2,935	33	639	341	0	169	13	0	0	1,740	0
American U.	86	2,927	0	63	0	0	2,864	0	0	0	0	0
U. Connecticut	87	2,866	0	233	553	0	266	0	0	0	981	833
Texas Tech U.	88	2,812	0	1,965	0	0	224	0	0	0	623	0
U. Miami	88	2,812	0	2,076	105	0	568	0	0	0	63	0
Georgetown U.	90	2,743	0	0	2,698	0	45	0	0	0	0	0
U. South Florida ^c	91	2,721	0	2,484	0	0	21	0	0	0	216	0
U. Texas, El Paso	92	2,699	349	164	53	0	2	0	0	286	1,845	0

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Wichita State U.	125	1,670	0	0	0	0	230	0	0	0	1,440	0
Old Dominion U.	126	1,663	145	88	9	422	386	0	0	0	613	0
Florida Institute of Technology	127	1,649	0	345	38	0	884	0	0	0	357	25
California State U., Monterey Bay	128	1,558	0	0	1,558	0	0	0	0	0	0	0
Naval Postgraduate School	129	1,467	0	180	0	0	0	0	0	0	1,287	0
Washington State U.	130	1,403	0	96	1,070	0	72	0	0	0	165	0
U. Rochester	131	1,394	0	385	252	0	472	0	0	0	285	0
George Washington U.	132	1,354	0	0	273	0	629	0	5	91	355	1
Mississippi State U.	133	1,351	0	147	0	0	0	0	0	0	1,204	0
U. Maine	134	1,319	4	829	208	0	0	0	0	62	215	1
U. Nevada, Reno	135	1,302	69	897	18	0	87	0	0	0	231	0
Delaware State U.	136	1,272	0	0	0	0	1,272	0	0	0	0	0
U. Georgia	137	1,269	0	295	71	0	274	168	411	0	50	0
U. Notre Dame	138	1,265	0	0	3	0	509	0	0	0	753	0
Loma Linda U.	139	1,263	0	0	1,263	0	0	0	0	0	0	0
U. Wyoming	140	1,223	0	164	10	0	502	0	0	0	547	0
Northeastern U.	141	1,171	34	0	0	0	417	0	0	0	660	60
U. Arkansas, Fayetteville	142	1,162	0	243	0	0	399	0	0	0	520	0
Emory U.	143	1,135	0	0	1,044	0	91	0	0	0	0	0
Embry-Riddle Aeronautical U.	144	1,117	0	14	0	0	1,010	0	0	0	79	14
Indiana U., Bloomington	145	1,108	112	174	272	0	496	0	54	0	0	0
North Carolina Agricultural and Technical State U.	146	1,098	0	0	0	0	17	0	0	0	1,081	0
SUNY, U. Buffalo	147	1,095	0	498	0	0	0	0	0	0	597	0
California State U., Northridge	148	1,056	0	53	69	0	153	0	0	0	781	0
New York U.	149	1,050	224	0	0	261	426	0	48	0	91	0
Miami U.	150	1,035	0	0	1,032	0	0	0	0	0	3	0
U. of the District of Columbia	151	1,031	0	0	0	0	0	0	0	0	1,031	0
Portland State U.	152	1,024	0	144	234	0	375	0	0	0	271	0
U. Maryland Center for Environmental Science	153	1,014	0	387	627	0	0	0	0	0	0	0
U. Texas Medical Branch	154	973	0	0	973	0	0	0	0	0	0	0
U. Oregon	155	964	0	915	0	0	49	0	0	0	0	0

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South Dakota School of Mines and Technology	156	959	0	0	0	5	7	0	0	0	947	0
Desert Research Institute	157	956	0	956	0	0	0	0	0	0	0	0
Tufts U.	158	928	0	0	0	66	297	0	0	0	565	0
Sonoma State U.	159	926	0	926	0	0	0	0	0	0	0	0
U. Rhode Island	160	873	0	690	0	0	69	0	0	81	33	0
Missouri U. of Science and Technology	161	867	0	0	0	0	0	0	0	0	867	0
Wake Forest U.	162	858	46	0	797	0	15	0	0	0	0	0
Temple U.	163	845	47	69	0	0	354	0	173	0	163	39
Prairie View A&M U.	164	835	0	0	242	0	137	0	0	0	456	0
U. Louisiana, Lafayette	165	808	0	0	95	0	152	0	0	0	561	0
San Diego State U.	166	804	0	96	32	0	131	0	3	0	542	0
U. Dayton	166	804	0	139	0	0	0	0	0	0	665	0
U. Akron	168	793	0	0	0	0	167	0	0	0	626	0
Georgia State U.	169	781	237	0	0	0	544	0	0	0	0	0
U. Louisville	170	777	0	0	282	0	88	0	40	0	367	0
U. of the Virgin Islands	171	776	0	0	0	0	14	0	0	0	762	0
U. North Texas, Denton	172	764	0	0	0	0	158	0	0	0	254	352
U. Texas M. D. Anderson Cancer Center	173	752	0	0	752	0	0	0	0	0	0	0
U. Mississippi	174	751	0	87	203	0	298	0	0	0	163	0
Scripps Research Institute	175	741	0	0	741	0	0	0	0	0	0	0
Morehead State U.	176	723	0	0	0	0	0	0	0	0	723	0
Stevens Institute of Technology	177	720	0	0	0	0	381	0	0	130	209	0
Virginia Commonwealth U.	177	720	0	0	202	24	0	0	0	0	494	0
U. Cincinnati	179	717	0	67	325	138	64	0	25	0	98	0
New Mexico Institute of Mining and Technology	180	698	0	114	0	0	67	0	0	0	517	0
U. Nebraska, Lincoln	180	698	167	1	207	6	14	0	0	0	303	0
Kansas State U.	182	678	66	0	10	0	89	0	124	70	309	10
Eastern Virginia Medical School	183	677	0	0	677	0	0	0	0	0	0	0
Villanova U.	184	668	0	0	0	0	668	0	0	0	0	0
U. Arkansas, Little Rock	185	664	0	0	0	0	24	0	0	0	640	0
U. Illinois, Chicago	186	655	0	326	0	0	48	0	40	63	178	0

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Central Washington U.	250	189	0	164	0	0	25	0	0	0	0	0
Northern Illinois U.	250	189	0	0	74	0	0	0	0	0	115	0
U. South Alabama	252	182	0	30	0	0	32	0	0	0	120	0
Andrews U.	253	174	0	0	0	0	174	0	0	0	0	0
Cleveland State U.	254	172	0	0	0	0	0	0	0	0	172	0
Tulane U.	255	170	0	134	8	0	28	0	0	0	0	0
Kent State U.	256	169	0	114	0	0	41	0	0	0	14	0
Marshall U.	256	169	19	0	86	0	45	0	0	0	19	0
Rush U.	258	168	0	0	168	0	0	0	0	0	0	0
U. Denver	259	167	0	0	157	0	0	0	0	0	10	0
Swarthmore C.	260	162	0	0	0	0	162	0	0	0	0	0
Boston C.	261	160	0	155	0	0	5	0	0	0	0	0
U. Alaska, Anchorage	262	159	19	50	0	0	63	0	0	0	27	0
Brandeis U.	263	158	0	0	0	0	0	0	5	0	153	0
Montclair State U.	264	156	0	115	0	0	36	0	0	0	5	0
Western Kentucky U.	265	151	0	0	0	0	151	0	0	0	0	0
Lehigh U.	266	150	0	131	0	0	14	0	0	0	5	0
U. Puerto Rico, Mayaguez	267	148	0	148	0	0	0	0	0	0	0	0
California Polytechnic State U., San Luis Obispo	268	145	57	0	7	0	29	0	3	0	49	0
C. New Jersey	269	144	0	0	0	0	20	0	0	0	124	0
Louisiana State U., Health Sciences Center, Shreveport	269	144	0	0	144	0	0	0	0	0	0	0
U. Washington, Tacoma	271	140	0	0	0	0	0	0	0	0	140	0
U. Houston-Clear Lake	272	139	0	0	0	0	139	0	0	0	0	0
Montana Technological U.	273	135	0	27	0	0	95	0	0	0	13	0
Southern Connecticut State U.	274	133	0	0	0	0	133	0	0	0	0	0
Ithaca C.	275	132	0	0	0	0	132	0	0	0	0	0
CUNY, Lehman C.	276	130	0	0	0	0	128	0	0	0	0	2
CUNY, Hunter C.	277	128	0	92	0	0	36	0	0	0	0	0
CUNY, York C.	278	124	0	124	0	0	0	0	0	0	0	0
Indiana U.-Purdue U., Indianapolis	279	118	29	62	0	0	0	0	7	0	0	20
Albion C.	280	117	0	0	0	0	117	0	0	0	0	0

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Middlebury C.	281	115	0	0	0	0	115	0	0	0	0	0										
SUNY, Polytechnic Institute	282	114	0	0	0	0	0	0	0	0	114	0										
U. Arkansas, Pine Bluff	282	114	0	0	0	0	114	0	0	0	0	0										
U. Tulsa	284	113	0	14	0	0	24	0	0	0	75	0										
North Dakota State U.	285	112	0	4	0	0	0	0	20	0	88	0										
California State U., San Bernardino	286	111	0	0	30	0	81	0	0	0	0	0										
Wayne State U.	287	110	0	0	0	0	51	0	0	0	59	0										
Creighton U.	288	109	i	6	i	0	21	i	1	i	1	0	i	1	i							
U. North Carolina, Charlotte	288	109	0	0	0	0	1	0	0	0	108	0										
East Carolina U.	290	108	0	108	0	0	0	0	0	0	0	0										
Central Connecticut State U.	291	105	0	74	10	0	20	0	0	0	1	0										
Oregon Health and Science U.	292	99	0	0	99	0	0	0	0	0	0	0										
DePaul U.	293	95	0	0	0	0	94	1	0	0	0	0										
California State Polytechnic U., Pomona	294	94	0	0	0	0	90	0	0	0	4	0										
Marquette U.	294	94	0	0	0	0	78	0	0	0	16	0										
San Francisco State U.	294	94	0	0	0	0	94	0	0	0	0	0										
Dillard U.	297	93	0	46	0	0	47	0	0	0	0	0										
Louisiana Tech U.	298	92	21	0	20	0	7	0	0	0	44	0										
U. of the Pacific	298	92	0	0	0	0	92	0	0	0	0	0										
Augustana U.	300	91	0	0	0	0	91	0	0	0	0	0										
Idaho State U.	301	88	0	80	0	0	0	0	0	0	8	0										
Eastern Michigan U.	302	87	0	22	0	0	43	0	22	0	0	0										
U. Wisconsin-Milwaukee	302	87	0	23	0	0	64	0	0	0	0	0										
Alabama A&M U.	304	85	i	3	i	0	11	i	0	i	25	i	4	i	4	i	0	i	36	i	2	i
U. San Francisco	305	84	0	0	0	0	84	0	0	0	0	0										
U. Massachusetts, Dartmouth	306	81	0	0	0	0	38	0	0	0	43	0										
CUNY, Baruch C.	307	78	0	0	0	0	0	0	78	0	0	0										
Drake U.	308	76	0	0	39	0	7	0	0	0	0	30										
Barnard C.	309	74	0	0	0	0	74	0	0	0	0	0										
Bowie State U.	309	74	74	0	0	0	0	0	0	0	0	0										
Augusta U.	311	72	0	0	72	0	0	0	0	0	0	0										
South Carolina State U.	311	72	i	0	i	0	0	i	0	i	0	0	i	0	i	0	i	0	i	0	i	

TABLE 63
Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2021

(Dollars in thousands)

Institution	Rank	NASA 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. Missouri, Saint Louis	313	71	43	0	0	0	28	0	0	0	0	0
Baylor U.	314	68	0	38	13	0	7	0	0	0	10	0
Savannah State U.	314	68	0	0	0	0	0	0	0	68	0	0
Southern Illinois U., Carbondale	314	68	0	61	7	0	0	0	0	0	0	0
Suffolk U.	317	66	0	0	0	0	0	0	0	0	66	0
Clark U.	318	65	0	65	0	0	0	0	0	0	0	0
Alaska Pacific U.	319	64	0	64	0	0	0	0	0	0	0	0
Grand Valley State U.	319	64	6	29	24	5	0	0	0	0	0	0
Bowling Green State U.	321	62	0	62	0	0	0	0	0	0	0	0
Pomona C.	321	62	0	2	0	0	60	0	0	0	0	0
Texas A&M U.-Kingsville	321	62	12	0	0	0	0	0	0	0	50	0
U. Puerto Rico, Cayey	321	62	0	0	0	0	62	0	0	0	0	0
CUNY, New York City C. of Technology	325	61	0	0	0	0	0	0	0	0	61	0
Missouri State U.	325	61	9	19	0	0	33	0	0	0	0	0
Skidmore C.	325	61	0	61	0	0	0	0	0	0	0	0
Hamilton C.	328	60	0	0	0	0	0	0	0	60	0	0
U. North Florida	328	60	0	0	23	0	19	0	0	0	18	0
Louisiana State U., Health Sciences Center, New Orleans	330	59	0	0	59	0	0	0	0	0	0	0
U.S. Naval Academy	330	59	0	0	0	0	59	0	0	0	0	0
Fisk U.	332	57	0	0	0	0	57	0	0	0	0	0
U. Hawaii, system office	333	56	0	56	0	0	0	0	0	0	0	0
Middle Tennessee State U.	334	55	0	0	12	0	43	0	0	0	0	0
U. Nebraska, Medical Center	335	54	0	0	54	0	0	0	0	0	0	0
Oakland U.	336	53	6	0	0	0	24	0	0	0	23	0
U. Central Arkansas	337	52	0	0	12	0	32	0	0	0	0	8
U. Northern Iowa	337	52	0	0	0	0	42	0	0	0	0	10
Harvey Mudd C.	339	51	0	0	0	0	51	0	0	0	0	0
Jackson State U.	339	51	7	0	32	0	5	0	0	0	7	0
Austin Peay State U.	341	50	0	0	0	0	50	0	0	0	0	0
James Madison U.	342	48	0	0	0	0	48	0	0	0	0	0
Occidental C.	342	48	0	0	0	0	48	0	0	0	0	0

TABLE 63
Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2021

(Dollars in thousands)

Institution	Rank	NASA 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	
Franklin W. Olin C. of Engineering	344	47	0	0	0	0	0	0	0	0	47	0	
Loyola U., Chicago	344	47	0	0	0	0	47	0	0	0	0	0	
Pittsburg State U.	344	47	0	0	0	0	0	0	0	0	47	0	
U. Alaska, Southeast	344	47	0	0	0	0	47	0	0	0	0	0	
Abilene Christian U.	348	45	0	0	0	0	0	0	0	0	45	0	
North Carolina Central U.	349	41	0	0	0	0	41	0	0	0	0	0	
Purdue U., Northwest	349	41	0	0	0	0	0	0	0	0	35	6	
SUNY, Geneseo	349	41	0	31	0	0	10	0	0	0	0	0	
Tuskegee U.	352	39	0	0	33	0	0	0	0	0	6	0	
Clarkson U.	353	38	0	0	0	0	0	0	0	0	38	0	
East Tennessee State U.	353	38	0	0	0	0	38	0	0	0	0	0	
Amherst C.	355	35	0	35	0	0	0	0	0	0	0	0	
California State U., Long Beach	355	35	0	10	0	0	0	0	0	0	10	15	
U. Northern Colorado	355	35	0	0	0	0	30	5	0	0	0	0	
U. New Haven	358	34	0	0	34	0	0	0	0	0	0	0	
Northern Kentucky U.	359	33	0	0	0	0	33	0	0	0	0	0	
Texas Christian U.	359	33	0	0	0	0	33	0	0	0	0	0	
U. Texas Rio Grande Valley	359	33	0	22	0	0	10	0	0	0	1	0	
U. Oklahoma, Tulsa	362	32	0	0	0	0	0	0	0	0	32	0	
U. Southern Maine	362	32	0	0	0	0	0	0	0	0	32	0	
Vassar C.	364	31	0	0	0	0	31	0	0	0	0	0	
Fayetteville State U.	365	30	0	0	30	0	0	0	0	0	0	0	
Tougaloo C.	365	30	i	0	i	0	i	30	i	0	i	0	i
Furman U.	367	27	0	25	1	0	1	0	0	0	0	0	
U. New Orleans	368	26	0	0	0	0	0	0	0	0	10	16	
U. Wisconsin-Green Bay	368	26	i	0	i	14	i	1	i	0	i	5	i
CUNY, C. Staten Island	370	25	0	0	25	0	0	0	0	0	0	0	
Georgia Southern U.	370	25	0	0	0	0	25	0	0	0	0	0	
Texas A&M U.-Commerce	370	25	0	0	0	0	25	0	0	0	0	0	
U. Hawaii, Hilo	370	25	0	0	0	0	25	0	0	0	0	0	
U. Wisconsin-La Crosse	370	25	0	1	10	0	14	0	0	0	0	0	
SUNY, C. Brockport	375	24	0	0	0	0	24	0	0	0	0	0	

TABLE 63
Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2021

(Dollars in thousands)

Institution	Rank	NASA 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
West Chester U. Pennsylvania	375	24	0	0	0	0	24	0	0	0	0	0
Ball State U.	377	22	0	0	2	0	0	0	0	0	0	20
Fort Lewis C.	377	22	0	0	0	0	0	0	0	0	22	0
SUNY, C. Plattsburgh	377	22	0	0	0	0	22	0	0	0	0	0
Claremont McKenna C.	380	21	0	0	0	0	21	0	0	0	0	0
Keene State C.	380	21	0	0	0	0	21	0	0	0	0	0
U. Louisiana, Monroe	380	21	0	21	0	0	0	0	0	0	0	0
Clark Atlanta U.	383	20	0	0	0	10	10	0	0	0	0	0
Union C., Schenectady	383	20	0	0	0	0	20	0	0	0	0	0
Carleton C.	385	19	0	0	0	0	19	0	0	0	0	0
Pratt Institute	385	19	0	0	0	0	0	0	0	0	0	19
SUNY, C. of Environmental Science and Forestry	385	19	0	0	19	0	0	0	0	0	0	0
U. Wisconsin-Eau Claire	385	19	0	0	0	0	19	0	0	0	0	0
Virginia State U.	385	19	0	0	0	0	0	0	0	0	19	0
Mercyhurst U.	390	18 i	1 i	8 i	2 i	0 i	6 i	0 i	1 i	0 i	0 i	0 i
Rockefeller U.	390	18	0	0	18	0	0	0	0	0	0	0
Youngstown State U.	390	18	0	0	0	0	4	0	0	0	14	0
Fairfield U.	393	17	1	0	0	0	14	0	0	0	2	0
Central State U.	394	16	0	0	0	0	0	0	0	0	16	0
Johnson C. Smith U.	394	16 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	16 i	0 i
Lafayette C.	394	16	0	0	0	0	16	0	0	0	0	0
U. Baltimore	394	16	16	0	0	0	0	0	0	0	0	0
U. Maryland, Eastern Shore	394	16	0	0	0	0	0	0	0	0	16	0
Colby C.	399	15	0	0	0	0	15	0	0	0	0	0
Murray State U.	399	15	0	15	0	0	0	0	0	0	0	0
U. Colorado Colorado Springs	399	15	0	0	0	0	0	0	0	0	15	0
U. Illinois, Springfield	399	15	0	0	0	0	15	0	0	0	0	0
Albany State U.	403	14	0	0	0	0	0	0	0	0	14	0
California State U., East Bay	404	13	0	0	0	0	13	0	0	0	0	0
Citadel Military C. South Carolina	404	13	0	0	0	0	7	0	0	0	6	0
Indiana State U.	404	13	0	0	0	0	13	0	0	0	0	0

TABLE 63
Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2021

(Dollars in thousands)

Institution	Rank	NASA 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
Northland C.	404	13 i	0 i	11 i	2 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Oregon Institute of Technology	404	13 i	0 i	9 i	4 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. North Carolina, Asheville	404	13	0	0	0	0	13	0	0	0	0	0
U. North Carolina, Greensboro	404	13	0	0	13	0	0	0	0	0	0	0
Biola U.	411	12 i	0 i	0 i	1 i	0 i	5 i	0 i	0 i	0 i	6 i	0 i
Arkansas State U., Jonesboro	412	11	0	0	3	0	8	0	0	0	0	0
Mercer U.	412	11	0	0	0	0	0	0	0	0	11	0
Southeastern Louisiana U.	412	11	0	0	0	0	3	0	0	0	8	0
Calvin U.	415	10 i	0 i	0 i	2 i	0 i	8 i	0 i	0 i	0 i	0 i	0 i
Pacific U.	415	10	0	0	0	0	10	0	0	0	0	0
U. of St. Thomas (MN)	415	10	0	0	0	0	10	0	0	0	0	0
Azusa Pacific U.	418	9	0	0	0	0	9	0	0	0	0	0
Black Hills State U.	418	9	0	0	0	0	9	0	0	0	0	0
California State U., Fullerton	418	9	0	0	0	0	9	0	0	0	0	0
Gallaudet U.	418	9	1	0	4	1	3	0	0	0	0	0
Minnesota State U., Mankato	418	9	0	0	0	0	9	0	0	0	0	0
U. Minnesota, Duluth	418	9	0	0	9	0	0	0	0	0	0	0
U. North Texas, Health Science Center	418	9	0	0	9	0	0	0	0	0	0	0
Colorado State U., Pueblo	425	8	0	0	0	0	0	0	0	0	8	0
Keck Graduate Institute	425	8 i	0 i	0 i	4 i	0 i	0 i	0 i	0 i	0 i	4 i	0 i
Kennesaw State U.	425	8	0	0	8	0	0	0	0	0	0	0
Trinity C., Hartford	428	7	0	0	0	0	6	0	0	0	1	0
U. Wisconsin-Superior	428	7	0	0	0	0	0	0	0	0	7	0
Eastern Connecticut State U.	430	6	0	0	6	0	0	0	0	0	0	0
Franklin and Marshall C.	430	6	0	0	0	0	6	0	0	0	0	0
Macalester C.	430	6	0	0	0	0	6	0	0	0	0	0
U. Michigan, Dearborn	430	6	0	0	0	0	6	0	0	0	0	0
U. Wisconsin-Platteville	430	6 i	0 i	0 i	3 i	0 i	2 i	0 i	0 i	1 i	0 i	0 i
Alfred U.	435	5	0	0	0	0	5	0	0	0	0	0
Purdue U., Fort Wayne	435	5	0	0	0	0	0	0	0	0	5	0
Williams C.	435	5 i	0 i	5 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Appalachian State U.	438	4	0	0	0	0	4	0	0	0	0	0

TABLE 63
Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2021
(Dollars in thousands)

Institution	Rank	NASA 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
Coastal Carolina U.	438	4	0	0	0	0	0	0	0	0	0	4
Colorado C.	438	4	0	0	0	0	4	0	0	0	0	0
Lipscomb U.	441	3	0	0	0	0	0	0	0	0	3	0
U. South Carolina, Aiken	441	3	0	0	0	0	0	0	0	0	3	0
Air Force Institute of Technology	443	2	0	0	0	0	2	0	0	0	0	0
Hofstra U.	443	2	0	0	0	0	2	0	0	0	0	0
Rhode Island School of Design	443	2 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	2 i
Alabama State U.	446	1	0	0	1	0	0	0	0	0	0	0
Florida Polytechnic U.	446	1	0	0	0	0	0	0	0	0	1	0
New School	446	1	0	0	0	0	0	0	0	0	1	0
Reed C.	446	1 i	0 i	0 i	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Saginaw Valley State U.	446	1 i	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
SUNY, Binghamton U.	446	1	0	0	0	0	0	0	0	0	1	0
U. Nebraska, Kearney	446	1	0	0	1	0	0	0	0	0	0	0
U. South Dakota	446	1	0	0	0	0	0	0	1	0	0	0

i = imputed.

NASA = National Aeronautics and Space Administration; nec = not elsewhere classified; S&E = science and engineering.

^a Johns Hopkins University includes the Applied Physics Laboratory, with \$356,879 thousand in R&D expenditures financed by NASA 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 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.

^d 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.

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.