

TABLE 62
 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 2019

(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	-	1,644,687	22,845	406,239	95,417	4,370	591,229	21,168	24,816	7,534	460,514	10,555
Johns Hopkins U. ^a	1	312,073	6,340	12,995	1,194	294	136,562	0	0	2,141	152,547	0
U. Colorado Boulder	2	110,640	205	37,669	245	35	35,906	10	22	46	36,484	18
Arizona State U.	3	65,490	246	54,505	521	57	197	0	5,553	0	4,300	111
U. Maryland ^b	4	65,263	63	17,348	2,839	24	31,516	0	10,255	216	3,002	0
California Institute of Technology	5	64,954	0	10,194	388	0	50,379	0	0	0	3,443	550
U. Arizona	6	55,641	0	1,963	1,001	45	51,035	0	0	0	1,597	0
Georgia Institute of Technology	7	39,937	2,734	3,943	3,560	80	3,474	61	142	0	24,901	1,042
U. California, Berkeley	8	37,109	0	869	137	242	32,691	0	76	2,036	1,058	0
Massachusetts Institute of Technology	9	34,456	686	6,748	61	0	18,151	0	0	34	8,712	64
U. Oklahoma, Norman and Health Science Center	10	26,364	0	25,016	79	0	801	0	0	0	468	0
U. Michigan, Ann Arbor	11	25,555	0	434	795	0	3,571	0	1,147	0	19,608	0
U. California, Los Angeles	12	25,278	0	14,764	311	0	5,881	179	2,100	0	2,043	0
U. Alabama, Huntsville	13	23,676	3,939	10,639	6	0	3,987	0	0	0	5,105	0
Stanford U.	14	22,652	96	1,435	1,150	0	14,303	0	195	0	4,506	967
U. Maryland, Baltimore County	15	21,740	467	8,577	11	0	12,371	277	0	0	37	0
San Jose State U.	16	21,031	0	1,118	0	0	262	19,321	0	0	330	0
U. Washington, Seattle	17	20,804	35	12,108	1,547	55	3,091	0	0	0	3,962	6
Columbia U. in the City of New York	18	20,499	0	12,923	855	0	3,652	0	0	0	3,069	0
U. New Hampshire	19	19,213	0	17,892	250	0	88	0	0	0	619	364
Pennsylvania State U., University Park and Hershey Medical Center	20	18,524	230	4,307	54	17	11,828	91	26	0	1,968	3
Baylor C. of Medicine	21	18,414	0	0	18,414	0	0	0	0	0	0	0
Utah State U.	22	18,277	0	41	435	0	642	0	0	0	17,159	0
U. Alaska, Fairbanks	23	18,059	22	13,248	536	0	3,316	0	0	393	544	0
U. Texas, Austin	24	17,529	1,503	2,322	637	155	2,475	0	0	0	10,437	0
Princeton U.	25	15,165	0	975	0	0	11,963	0	3	0	2,224	0
U. Iowa	26	14,128	0	256	2	0	12,312	0	0	0	1,547	11
U. California, San Diego	27	13,221	83	9,166	678	0	2,250	0	0	0	1,044	0
U. Hawaii, Manoa	28	12,706	58	7,281	45	21	4,760	0	20	0	521	0
Cornell U.	29	12,034	56	875	232	0	9,250	0	0	0	1,621	0

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Yale U.	60	4,436	0	996	1,476	141	1,223	0	0	0	595	5
Brown U.	61	4,342	434	546	0	0	3,362	0	0	0	0	0
U. Pennsylvania	62	4,338	0	150	2,393	0	1,728	0	5	0	62	0
Vanderbilt U. and Vanderbilt U. Medical Center	63	4,141	0	209	2,007	0	551	0	0	0	1,374	0
Rutgers, State U. New Jersey, New Brunswick	64	4,110	0	1,391	1,474	0	485	0	0	0	647	113
U. Virginia, Charlottesville	65	4,056	193	548	45	0	1,653	0	0	0	1,617	0
Northwestern U.	66	3,961	0	513	286	0	1,876	0	0	0	694	592
Dartmouth C. and Dartmouth Hitchcock Medical Center	67	3,904	0	186	503	0	2,585	0	84	15	531	0
U. California, Davis	68	3,840	0	403	943	0	991	0	0	0	1,503	0
U. Miami	69	3,765	0	2,880	43	0	743	0	0	0	99	0
U. Delaware	70	3,697	0	324	78	0	2,549	0	0	0	746	0
Florida State U.	71	3,673	0	1,757	195	42	538	0	50	0	1,091	0
U. Houston	72	3,666	194	411	246	0	588	16	0	0	2,211	0
Louisiana State U., Baton Rouge	73	3,548	60	500	239	0	1,650	0	18	0	1,081	0
U. South Carolina, Columbia	74	3,487	0	7	303	0	114	0	0	0	3,063	0
U. Utah	75	3,430	346	1,852	162	0	223	2	0	0	214	631
Rice U.	76	3,406	132	432	50	34	1,305	378	0	0	906	169
Case Western Reserve U.	77	3,377	0	443	0	0	429	0	0	0	2,505	0
SUNY, Stony Brook U.	78	3,308	5	2,357	609	0	251	0	0	0	86	0
Duke U.	79	3,269	0	409	2,076	0	103	0	0	0	681	0
U. California, Santa Cruz	80	3,076	0	1,047	0	0	1,856	0	0	0	173	0
Carnegie Mellon U.	81	3,043	506	0	0	0	342	0	0	0	2,195	0
U. Idaho	81	3,043	0	201	693	0	563	0	86	0	1,500	0
Old Dominion U.	83	2,993	146	390	0	694	542	0	0	0	1,221	0
U. California, Riverside	84	2,904	0	1,792	0	0	1,078	0	0	0	34	0
New Jersey Institute of Technology	85	2,903	0	0	0	57	2,793	0	0	0	53	0
Michigan State U.	86	2,890	0	480	537	28	445	86	938	3	373	0
Northern Arizona U.	87	2,712	0	793	293	0	1,626	0	0	0	0	0
U. Massachusetts, Amherst	88	2,694	377	128	209	5	949	0	0	0	1,026	0
U. Southern California	89	2,676	299	676	31	41	811	0	0	0	818	0

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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
South Dakota School of Mines and Technology	122	1,514	0	0	0	21	4	0	0	0	1,489	0
Portland State U.	123	1,494	0	190	575	0	300	0	0	0	429	0
U. Alabama, Tuscaloosa	124	1,463	0	61	0	0	463	0	111	0	828	0
U. Georgia	124	1,463	0	347	37	0	315	93	671	0	0	0
South Dakota State U.	126	1,427	0	1,044	13	0	53	0	0	0	317	0
U. Puerto Rico, Rio Piedras	127	1,387	0	74	0	0	1,285	0	28	0	0	0
U. Rhode Island	128	1,365	0	1,141	0	0	201	0	0	0	23	0
New York U.	129	1,353	223	0	0	265	409	0	193	0	263	0
U. Maine	130	1,331	0	1,047	44	0	14	0	0	66	139	21
U. Texas Medical Branch	131	1,323	0	0	1,323	0	0	0	0	0	0	0
U. Arkansas, Fayetteville	132	1,321	0	387	98	0	218	0	0	0	603	15
U. Connecticut	133	1,309	0	214	321	0	199	0	0	0	575	0
U. Pittsburgh, Pittsburgh	133	1,309	0	494	335	0	237	0	0	0	243	0
Mississippi State U.	135	1,272	188	79	0	0	0	0	0	0	1,005	0
Rensselaer Polytechnic Institute	135	1,272	38	181	0	0	80	0	0	0	973	0
U. Southern Mississippi	137	1,270	0	42	0	0	125	0	0	0	1,103	0
U. Texas, Dallas	138	1,215	0	0	0	0	1,186	0	0	0	29	0
Clemson U.	139	1,202	0	0	5	0	1,012	0	0	0	185	0
U. Vermont	140	1,165	0	0	0	0	0	0	0	0	1,165	0
California State U., Los Angeles	141	1,123	0	0	0	0	43	0	1,028	0	52	0
Missouri U. of Science and Technology	142	1,114	0	6	0	0	5	0	0	0	1,103	0
U. Arkansas, Little Rock	143	1,112	0	0	24	0	2	0	0	0	1,086	0
George Washington U.	144	1,102	0	0	148	0	530	0	0	0	424	0
Indiana U., Bloomington	145	1,075	257	220	143	0	317	0	138	0	0	0
U. Massachusetts, Boston	146	1,047	0	895	152	0	0	0	0	0	0	0
U. Nevada, Reno	147	1,035	77	698	12	0	7	0	0	0	221	20
U. Louisville	148	1,024	0	38	177	0	83	0	89	0	632	5
Delaware State U.	149	1,014	0	0	5	0	859	0	0	0	150	0
U. Nebraska, Lincoln	150	1,013	13	77	493	0	8	1	0	0	420	1
Wake Forest U.	151	952	0	0	895	0	57	0	0	0	0	0

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U. Maryland Center for Environmental Science	152	940	0	442	498	0	0	0	0	0	0	0
U. of the Virgin Islands	153	915	8	0	167	740	0	0	0	0	0	0
Southern Methodist U.	154	898	0	722	0	62	0	0	0	0	114	0
Temple U.	155	888	78	0	310	0	208	0	177	0	71	44
U. Illinois, Chicago	156	856	0	201	0	0	488	0	3	0	155	9
U. Texas, Arlington	157	849	0	0	0	0	569	0	0	0	280	0
Northeastern U.	158	844	51	0	0	0	491	0	0	0	302	0
Langston U.	159	837	0	0	835	2	0	0	0	0	0	0
U. Notre Dame	160	830	0	0	0	0	450	0	0	0	380	0
San Diego State U.	161	822	0	244	56	0	55	0	87	0	380	0
Xavier U. Louisiana	162	820	0	0	0	0	780	0	0	0	40	0
SUNY, U. Buffalo	163	782	0	609	84	0	0	0	0	0	89	0
U. California, Merced	164	776	0	0	0	0	636	0	0	0	140	0
Florida Institute of Technology	165	774	0	0	16	49	480	0	0	0	229	0
U. Cincinnati	166	771	0	0	198	89	38	0	13	0	429	4
U. Hartford	166	771	0	0	0	0	0	0	0	0	771	0
Florida International U.	168	764	0	142	436	0	0	0	0	0	186	0
Morehead State U.	169	754	0	0	0	0	0	0	0	0	754	0
U. Dayton	169	754	0	51	0	0	176	0	0	0	527	0
Embry-Riddle Aeronautical U.	171	750	0	17	0	0	710	0	0	0	23	0
Wellesley C.	172	724	0	0	0	0	724	0	0	0	0	0
U. Akron	173	721	0	0	0	13	39	0	0	0	669	0
Icahn School of Medicine at Mount Sinai	174	694	0	0	694	0	0	0	0	0	0	0
Villanova U.	175	687	0	0	0	0	687	0	0	0	0	0
SUNY, U. Albany	176	654	0	413	231	0	0	0	0	0	10	0
New Mexico Institute of Mining and Technology	177	650	0	58	0	0	174	0	0	0	418	0
Kansas State U.	178	638	0	52	204	0	89	0	0	43	250	0
Eastern Virginia Medical School	179	631	0	0	631	0	0	0	0	0	0	0
Washington State U.	180	622	0	39	180	0	140	0	0	0	223	40

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California Polytechnic State U., San Luis Obispo	181	597	242	0	60	108	73	0	7	0	107	0
U. Texas, San Antonio	182	592	0	38	0	0	457	0	0	0	31	66
U. Nebraska, Omaha	183	585	0	0	0	0	0	0	0	0	585	0
U. Mississippi	184	581	0	0	0	0	179	0	0	0	402	0
Drexel U.	185	537	0	0	0	0	336	0	0	0	201	0
U. Denver	186	536	0	0	270	0	53	0	0	0	213	0
U. North Texas, Denton	187	529	0	0	0	0	63	0	0	0	201	265
Christopher Newport U.	188	514	0	0	0	0	0	0	0	0	514	0
Tufts U.	189	512	0	0	0	150	0	0	0	0	362	0
Skidmore C.	190	496	0	496	0	0	0	0	0	0	0	0
U. Missouri, Columbia	191	481	0	72	248	5	30	0	0	0	126	0
U. Guam	192	467	0	467	0	0	0	0	0	0	0	0
William & Mary	193	462	0	378	6	3	38	0	0	0	0	37
California State U., Northridge	194	461	0	128	169	0	161	0	0	0	3	0
U. California, San Francisco	195	450	0	0	239	0	211	0	0	0	0	0
Northwest Indian C.	196	443	0	391	0	0	0	0	0	0	0	52
Oklahoma State U., Stillwater	197	422	0	0	19	0	177	0	0	0	226	0
CUNY, Advanced Science Research Center	198	420	0	0	0	0	0	0	0	0	420	0
Ohio U.	199	417	0	0	71	0	84	0	0	0	262	0
Virginia Commonwealth U.	200	416	0	0	187	68	0	0	0	0	161	0
Worcester Polytechnic Institute	201	407	0	0	0	50	0	0	0	0	357	0
Wesleyan U.	202	403	0	242	0	0	161	0	0	0	0	0
North Carolina Agricultural and Technical State U.	203	389	0	15	0	0	0	0	0	0	374	0
Wright State U.	204	387	0	0	23	0	254	0	0	0	110	0
Illinois Institute of Technology	205	379	0	138	0	0	0	0	0	0	241	0
U. South Alabama	206	346	0	17	0	0	7	0	0	0	322	0
Cleveland State U.	207	328	0	0	0	0	0	0	37	0	291	0
Scripps Research Institute	208	317	0	0	317	0	0	0	0	0	0	0
Bowdoin C.	209	314	0	280	17	0	17	0	0	0	0	0
U. Louisiana, Lafayette	210	312	0	0	175	0	0	0	0	0	137	0

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Kent State U.	211	306	0	153	0	0	111	0	0	0	42	0
Florida Atlantic U.	212	305	0	4	216	0	43	0	0	0	42	0
Southern U. and A&M C., Baton Rouge	213	301	26	0	54	0	0	0	0	0	221	0
Idaho State U.	214	294	0	294	0	0	0	0	0	0	0	0
Georgia State U.	215	293	0	0	0	0	293	0	0	0	0	0
Medical C. Wisconsin	216	286	0	0	286	0	0	0	0	0	0	0
Boston C.	217	285	0	278	0	0	7	0	0	0	0	0
DePaul U.	218	281	0	0	0	0	59	222	0	0	0	0
U. Arkansas, Pine Bluff	219	280	0	0	0	0	280	0	0	0	0	0
Central Washington U.	220	275	0	174	0	0	101	0	0	0	0	0
U. Colorado Denver and Anschutz Medical Campus	220	275	0	0	154	0	0	0	0	0	11	110
U. Oregon	222	265	0	223	14	0	28	0	0	0	0	0
Clark U.	223	262	0	194	68	0	0	0	0	0	0	0
U. Missouri, Kansas City	224	258	0	15	0	0	237	0	0	0	6	0
CUNY, New York City C. of Technology	225	256	0	0	0	0	0	0	0	0	256	0
North Dakota State U.	226	237	0	16	63	0	0	0	0	12	146	0
U. Puerto Rico, Mayaguez	226	237	0	142	0	0	0	0	0	0	95	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	228	236	0	30	0	0	194	0	0	0	0	12
Rowan U.	229	231	0	166	0	37	10	0	0	0	18	0
SUNY, C. Plattsburgh	230	222	0	0	0	0	222	0	0	0	0	0
Wayne State U.	231	216	0	0	0	0	71	0	0	0	145	0
U. Nebraska, Medical Center	232	212	0	0	212	0	0	0	0	0	0	0
Colgate U.	233	210	0	191	0	0	19	0	0	0	0	0
Syracuse U.	234	202	0	0	0	0	0	0	0	0	202	0
SUNY, C. of Environmental Science and Forestry	235	200	0	0	200	0	0	0	0	0	0	0
Prairie View A&M U.	236	199	18	0	70	0	111	0	0	0	0	0
U. Massachusetts, Dartmouth	237	197	0	69	0	1	40	0	0	0	87	0
U. Tulsa	237	197	0	0	0	0	129	0	0	0	68	0
Air Force Institute of Technology	239	194	0	0	0	0	116	0	0	0	78	0

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Dillard U.	270	122	0	0	0	0	122	0	0	0	0	0
U. Nebraska, Kearney	271	120	0	0	8	0	112	0	0	0	0	0
Oregon Health and Science U.	272	117	0	0	77	0	0	0	0	0	40	0
California State U., Long Beach	273	116	0	8	0	0	0	108	0	0	0	0
Florida Gulf Coast U.	273	116	0	0	0	0	116	0	0	0	0	0
Montclair State U.	275	115	0	84	0	0	31	0	0	0	0	0
U. Arkansas for Medical Sciences	275	115	0	0	115	0	0	0	0	0	0	0
Texas A&M U.-Commerce	277	113	0	0	0	0	113	0	0	0	0	0
U. of the Pacific	278	112	0	0	0	0	112	0	0	0	0	0
Albion C.	279	110	0	0	0	0	110	0	0	0	0	0
Baylor U.	280	109	0	0	0	0	40	0	0	0	69	0
U. New Orleans	281	108	100	0	0	0	0	0	0	0	8	0
St. Edward's U.	282	107	0	107	0	0	0	0	0	0	0	0
U. Missouri, Saint Louis	282	107	11	0	0	0	96	0	0	0	0	0
Union C., Schenectady	284	105	0	0	0	0	105	0	0	0	0	0
Central Connecticut State U.	285	102	0	38	0	0	54	0	0	0	10	0
U. Hawaii, Hilo	285	102	0	0	0	17	85	0	0	0	0	0
Louisiana Tech U.	287	100	0	0	18	0	11	0	0	0	71	0
U. North Carolina, Asheville	287	100	0	92	0	0	8	0	0	0	0	0
U.S. Air Force Academy	287	100	0	0	0	0	100	0	0	0	0	0
Oberlin C.	290	99	0	0	99	0	0	0	0	0	0	0
Jackson State U.	291	98	0	0	31	0	18	0	0	0	49	0
U. Texas Rio Grande Valley	291	98	0	98	0	0	0	0	0	0	0	0
Alaska Pacific U.	293	97	0	12	85	0	0	0	0	0	0	0
Loyola U., Chicago	294	93	0	0	44	0	49	0	0	0	0	0
Central State U.	295	92	0	0	79	0	0	0	0	0	13	0
Johnson C. Smith U.	296	90	0	90	0	0	0	0	0	0	0	0
U. Memphis	296	90	0	0	0	0	0	0	0	0	90	0
Hope C.	298	89	0	0	0	0	89	0	0	0	0	0
Bowling Green State U.	299	88	0	88	0	0	0	0	0	0	0	0
Southern Illinois U., Carbondale	299	88	0	79	9	0	0	0	0	0	0	0
U. North Carolina, Wilmington	301	83	0	83	0	0	0	0	0	0	0	0
Drake U.	302	81	0	0	52	19	10	0	0	0	0	0

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U. Michigan, Dearborn	366	22	0	0	0	0	22	0	0	0	0	0
Black Hills State U.	368	21	0	0	0	0	0	0	0	0	0	21
Fairfield U.	368	21	0	0	0	0	21	0	0	0	0	0
Southern Illinois U., Edwardsville	368	21	0	0	0	0	0	0	0	0	21	0
Youngstown State U.	368	21	0	0	0	0	13	0	0	0	8	0
U. Northern Colorado	372	20	0	0	0	0	20	0	0	0	0	0
U. of St. Thomas (MN)	372	20	0	0	0	0	20	0	0	0	0	0
Rush U.	374	19	0	0	19	0	0	0	0	0	0	0
Trinity C., Hartford	374	19	0	0	0	0	0	0	0	0	19	0
California State U., San Bernardino	376	18	0	0	0	0	18	0	0	0	0	0
Fort Hays State U.	376	18	0	0	0	0	18	0	0	0	0	0
U. Colorado Colorado Springs	376	18	0	0	0	0	0	0	0	0	18	0
Georgia Southern U.	379	17	0	0	0	0	12	0	0	0	5	0
Oregon Institute of Technology	379	17 i	0 i	5 i	12 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Albany State U.	381	16	0	0	0	0	0	0	0	0	16	0
Carleton C.	381	16	0	0	0	0	16	0	0	0	0	0
U. Washington, Tacoma	381	16	0	16	0	0	0	0	0	0	0	0
U. Wisconsin-Eau Claire	381	16	0	0	0	0	16	0	0	0	0	0
Indiana U.-Purdue U., Indianapolis	385	15	0	0	0	0	0	0	0	0	0	15
Mercyhurst U.	385	15 i	0 i	7 i	1 i	0 i	6 i	0 i	0 i	0 i	0 i	1 i
U. South Carolina, Aiken	385	15	0	0	0	0	0	0	0	0	15	0
Biola U.	388	14 i	0 i	0 i	2 i	0 i	5 i	0 i	1 i	0 i	5 i	1 i
Indiana State U.	388	14	0	14	0	0	0	0	0	0	0	0
Smith C.	388	14	0	0	0	0	14	0	0	0	0	0
Alfred U.	391	13	0	0	0	0	13	0	0	0	0	0
Eastern Connecticut State U.	391	13	0	0	12	0	0	0	0	0	1	0
Towson U.	391	13	0	0	0	0	13	0	0	0	0	0
Barnard C.	394	12	0	0	0	0	12	0	0	0	0	0
Colorado State U., Pueblo	394	12	0	0	0	0	0	0	0	0	12	0
Pittsburg State U.	394	12	0	0	0	0	0	0	0	0	12	0
U. Illinois, Springfield	394	12	0	0	0	0	12	0	0	0	0	0
Morehouse C.	398	11	0	0	0	0	11	0	0	0	0	0
U. North Florida	398	11	0	0	0	0	11	0	0	0	0	0

TABLE 62
 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 2019

(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. Wisconsin-Platteville	398	11 i	0 i	3 i	6 i	0 i	0 i	1 i	0 i	0 i	0 i	1 i
Roger Williams U.	401	10	0	0	0	10	0	0	0	0	0	0
U. San Diego	401	10	0	0	0	0	10	0	0	0	0	0
Calvin U.	403	9	0	0	2	0	7	0	0	0	0	0
Indiana U. Pennsylvania	403	9	0	0	9	0	0	0	0	0	0	0
U. Louisiana, Monroe	403	9	0	9	0	0	0	0	0	0	0	0
Dine C.	406	8	0	0	0	0	0	0	0	0	8	0
Murray State U.	406	8	0	8	0	0	0	0	0	0	0	0
Willamette U.	406	8	0	0	8	0	0	0	0	0	0	0
California State U., San Marcos	409	7	0	0	0	0	7	0	0	0	0	0
CUNY, Medgar Evers C.	409	7	0	0	0	0	7	0	0	0	0	0
Keck Graduate Institute	409	7 i	1 i	0 i	3 i	0 i	0 i	0 i	0 i	0 i	2 i	1 i
Saginaw Valley State U.	409	7	1	0	0	6	0	0	0	0	0	0
Southeastern Louisiana U.	409	7	0	0	0	0	7	0	0	0	0	0
California State U., Chico	414	6	0	0	6	0	0	0	0	0	0	0
Florida Polytechnic U.	414	6	0	0	6	0	0	0	0	0	0	0
Furman U.	414	6	0	0	4	0	2	0	0	0	0	0
New York Institute of Technology	414	6	0	0	0	0	0	0	0	0	6	0
Tuskegee U.	414	6	0	0	0	0	0	0	0	0	6	0
Whitman C.	414	6	0	0	0	0	6	0	0	0	0	0
CUNY, C. Staten Island	420	5	0	0	5	0	0	0	0	0	0	0
Franklin and Marshall C.	420	5	0	0	0	0	5	0	0	0	0	0
Lafayette C.	420	5	0	0	0	0	0	0	0	0	5	0
Milwaukee School of Engineering	420	5	0	0	0	0	0	0	0	0	5	0
Trinity U.	420	5	0	0	0	0	5	0	0	0	0	0
Williams C.	420	5	0	5	0	0	0	0	0	0	0	0
Colby C.	426	4	0	0	0	0	4	0	0	0	0	0
Stockton U.	426	4	0	0	0	0	0	0	0	0	4	0
U. Minnesota, Duluth	426	4	0	0	4	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	426	4	0	4	0	0	0	0	0	0	0	0
Maine Maritime Academy	430	3	0	0	0	0	0	0	0	0	3	0
San Francisco State U.	430	3	0	0	0	0	3	0	0	0	0	0
U. Alaska, Southeast	430	3	0	0	3	0	0	0	0	0	0	0

TABLE 62
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 2019

(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
Benedict C.	433	2	0	0	0	0	2	0	0	0	0	0
Claflin U.	433	2	0	0	0	0	0	0	0	0	2	0
Rhode Island School of Design	433	2 i	0 i	0 i	2 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Santa Clara U.	433	2	0	0	0	0	0	0	0	0	2	0
CUNY, Graduate Center	437	1	0	0	0	0	0	0	0	0	0	1
Marshall B. Ketchum U.	437	1 i	0 i	0 i	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Michigan, Flint	437	1	0	0	0	0	1	0	0	0	0	0
U.S. Army War C.	437	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	1 i
West Chester U. Pennsylvania	437	1	0	0	0	0	1	0	0	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 \$302,733 thousand in R&D expenditures financed by NASA in FY 2019.

^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.

Note(s):

Institutions reporting zero expenditures in ranked total for FY 2019 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 2019.