

**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 2020**

(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	-	1,758,375	18,865	438,075	93,502	3,004	636,982	20,927	23,654	5,536	510,515	7,315
Johns Hopkins U. <sup>a</sup>	1	382,439	4,964	33,690	1,185	415	158,155	0	0	459	183,571	0
U. Colorado Boulder	2	126,185	153	34,292	513	51	40,539	0	94	1	50,515	27
California Institute of Technology	3	76,296	89	11,538	742	0	59,968	0	0	0	3,887	72
U. Maryland <sup>b</sup>	4	68,963	4	20,152	257	0	35,599	0	9,796	457	2,698	0
U. Arizona	5	60,541	0	2,000	1,136	60	54,955	0	0	0	2,390	0
Arizona State U.	6	58,226	86	49,249	690	0	276	0	3,735	12	4,146	32
U. California, Berkeley	7	38,006	0	541	123	155	34,586	0	5	1,892	704	0
Massachusetts Institute of Technology	8	36,610	422	6,222	176	0	19,494	0	0	145	10,106	45
U. Oklahoma, Norman and Health Science Center	9	33,581	0	32,195	117	0	1,061	0	0	0	208	0
Utah State U.	10	30,067	0	0	425	0	667	0	0	0	28,975	0
U. Michigan, Ann Arbor	11	28,557	0	534	546	44	3,092	0	1,454	0	22,887	0
U. Alabama, Huntsville	12	27,270	3,953	11,576	29	0	5,053	0	0	0	6,659	0
U. Maryland, Baltimore County	13	25,503	529	10,467	0	0	13,946	262	0	0	299	0
U. California, Los Angeles	14	23,858	0	16,551	298	0	4,096	0	1,102	0	1,811	0
U. Washington, Seattle	15	22,183	39	12,341	1,785	0	3,732	0	0	0	4,286	0
San Jose State U.	16	21,470	0	1,513	0	0	368	19,173	0	0	416	0
U. New Hampshire	17	20,865	0	19,847	387	0	205	0	0	0	228	198
U. Alaska, Fairbanks	18	20,627	30	15,903	393	0	3,971	0	0	24	306	0
Baylor C. of Medicine	19	19,410	0	0	19,410	0	0	0	0	0	0	0
Columbia U. in the City of New York	20	18,833	0	12,128	815	0	3,582	0	0	0	2,308	0
Pennsylvania State U., University Park and Hershey Medical Center	21	17,901	173	4,519	71	5	11,343	1	0	0	1,789	0
Stanford U.	22	17,289	0	1,681	452	0	10,855	0	164	0	3,273	864
Princeton U.	23	15,145	0	1,278	0	0	12,111	0	0	0	1,756	0
U. Texas, Austin	24	15,134	617	2,277	564	119	2,299	0	0	0	9,258	0
U. Hawaii, Manoa	25	14,141	183	8,068	288	37	4,876	0	0	0	689	0
U. Wisconsin-Madison	26	13,109	461	5,927	3,650	0	2,190	0	33	0	848	0
Georgia Institute of Technology	27	12,350	322	3,092	1,409	58	2,734	0	240	0	4,084	411
Catholic U. of America	28	11,992	0	0	0	0	11,389	0	0	0	603	0
U. Iowa	29	11,649	0	223	5	0	10,163	0	0	0	1,258	0

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U. Alabama, Birmingham	30	11,153	0	0	0	0	179	0	0	0	10,974	0
U. California, San Diego	31	10,676	219	6,696	961	0	1,963	0	0	0	837	0
Purdue U., West Lafayette	32	9,935	172	2,245	95	0	1,060	0	0	0	6,363	0
Ohio State U.	33	9,913	0	1,115	421	0	3,169	0	64	107	5,037	0
Harvard U.	34	9,824	0	4,991	491	0	3,179	0	324	0	839	0
Texas A&M U., College Station and Health Science Center	35	9,219	0	2,537	919	0	800	0	0	0	4,962	1
U. Central Florida	36	8,869	564	0	0	0	2,612	0	0	0	5,607	86
Cornell U.	37	8,724	0	757	579	0	5,699	0	0	0	1,689	0
Boston U.	38	8,621	0	3,200	89	0	3,484	0	0	0	1,430	418
U. Minnesota, Twin Cities	39	8,609	33	531	1,999	23	4,048	0	0	0	1,975	0
Colorado State U., Fort Collins	40	8,518	0	4,129	2,281	0	12	0	0	32	1,908	156
U. Illinois, Urbana-Champaign	41	8,430	83	957	511	0	1,755	0	18	0	5,101	5
U. California, Irvine	42	8,078	0	3,998	1,880	0	1,086	0	0	0	1,114	0
Washington U., Saint Louis	43	7,150	14	3,528	0	0	3,146	0	0	0	462	0
U. Florida	44	7,064	35	519	1,787	0	902	0	37	0	3,781	3
George Mason U.	45	6,947	56	4,913	0	0	1,235	0	0	0	560	183
Montana State U., Bozeman	46	6,803	0	25	725	0	4,275	0	5	669	947	157
Woods Hole Oceanographic Institution	47	6,640	0	5,467	0	0	0	0	0	0	1,173	0
Oregon State U.	48	6,593	0	3,578	1,851	0	297	182	0	266	419	0
U. Chicago	49	6,542	0	2,437	2	0	4,048	0	0	0	55	0
Auburn U., Auburn	50	6,019	0	0	214	0	1,202	0	0	144	4,459	0
U. California, Santa Barbara	51	5,053	0	2,502	320	0	1,277	0	0	0	954	0
Virginia Polytechnic Institute and State U.	52	4,951	0	248	319	0	264	0	333	0	3,767	20
Dartmouth C. and Dartmouth Hitchcock Medical Center	53	4,757	0	211	697	0	3,192	0	90	5	562	0
U. Tennessee, Knoxville <sup>c</sup>	54	4,731	105	1,463	223	0	0	0	0	0	2,940	0
U. Virginia, Charlottesville	55	4,580	558	607	251	0	1,552	0	0	0	1,612	0
U. California, Davis	56	4,579	0	202	1,057	0	1,025	0	0	0	2,295	0
Hampton U.	57	4,577	0	2,365	0	0	2,212	0	0	0	0	0
Michigan Technological U.	58	4,496	0	1,534	1	0	66	0	0	0	2,895	0
U. Toledo	59	4,363	0	1,280	0	0	592	0	0	0	2,491	0

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U. Delaware	60	4,276	0	333	85	0	2,551	0	0	0	1,307	0
New Mexico State U.	61	4,170	0	434	138	0	1,540	0	0	0	2,058	0
Case Western Reserve U.	62	4,049	0	329	0	0	748	0	0	0	2,972	0
West Virginia U.	63	4,020	64	72	0	1	706	0	0	0	3,177	0
Texas State U.	64	4,011	0	295	114	0	240	0	0	0	269	3,093
Yale U.	65	3,984	0	939	1,215	154	1,135	0	0	0	541	0
U. Pennsylvania	66	3,957	0	211	2,328	31	1,094	0	0	0	293	0
Florida State U.	67	3,919	0	1,774	238	72	682	0	15	0	1,138	0
Michigan State U.	68	3,865	0	414	816	23	512	41	1,514	0	545	0
U. Houston	69	3,765	155	759	318	0	561	14	0	0	1,958	0
U. Utah	70	3,718	326	1,555	317	0	451	0	497	0	572	0
Morgan State U.	71	3,707	13	3,303	0	0	0	0	0	0	389	2
Rutgers, State U. New Jersey, New Brunswick	72	3,690	0	1,744	496	0	475	0	0	0	975	0
Georgetown U.	73	3,689	0	0	2,511	0	0	0	1,165	0	0	13
Northern Arizona U.	74	3,669	0	1,035	566	0	2,023	0	0	45	0	0
U. South Carolina, Columbia	75	3,619	0	108	279	24	366	0	0	0	2,842	0
Louisiana State U., Baton Rouge	76	3,551	50	577	226	0	1,767	0	43	0	888	0
Brown U.	77	3,539	38	993	0	0	2,508	0	0	0	0	0
U. Miami	78	3,537	0	2,839	93	0	229	342	0	0	34	0
Rice U.	79	3,525	127	775	55	0	1,548	178	0	0	842	0
Northwestern U.	80	3,457	0	361	204	0	1,655	0	0	0	859	378
U. California, Santa Cruz	81	3,449	0	1,149	0	0	2,178	0	0	0	122	0
U. Massachusetts, Amherst	82	3,347	359	472	186	0	1,059	0	0	0	1,271	0
New Jersey Institute of Technology	83	3,302	0	0	0	58	3,197	0	0	0	47	0
American U.	84	3,211	0	75	0	0	3,136	0	0	0	0	0
Carnegie Mellon U.	85	3,094	765	0	0	0	371	74	0	0	1,884	0
U. California, Riverside	86	3,057	0	1,839	0	0	1,197	0	0	0	21	0
U. South Florida, Tampa	87	2,984	0	2,849	4	0	0	0	0	0	131	0
North Carolina State U.	88	2,939	0	650	509	0	214	0	0	0	1,566	0
SUNY, Stony Brook U.	89	2,911	2	1,881	586	0	195	0	0	4	230	13
U. Southern California	90	2,874	211	387	287	69	696	0	0	0	1,224	0
Duke U.	91	2,872	0	336	1,869	0	200	0	0	0	467	0

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U. Texas, El Paso	92	2,808	468	300	130	0	0	0	0	195	1,715	0
U. Idaho	93	2,700	0	218	450	0	557	0	316	0	1,159	0
Rensselaer Polytechnic Institute	94	2,624	55	1,204	0	0	179	0	0	0	1,186	0
U. New Mexico	95	2,623	36	1,099	200	0	217	0	0	0	1,071	0
U. Montana, Missoula	96	2,566	52	456	1,956	0	102	0	0	0	0	0
U. North Carolina, Chapel Hill	97	2,522	2	1,496	75	0	624	0	172	0	153	0
Old Dominion U.	98	2,488	88	191	0	505	335	0	0	0	1,369	0
Rochester Institute of Technology	99	2,364	0	0	17	255	2,077	0	0	0	0	15
Vanderbilt U. and Vanderbilt U. Medical Center	100	2,185	0	284	87	0	450	0	0	0	1,364	0
Colorado School of Mines	101	2,160	260	631	59	0	191	0	0	0	964	55
U. Pittsburgh, Pittsburgh	102	2,117	0	432	340	0	354	0	0	0	991	0
Texas Tech U.	103	2,102	0	1,251	0	0	362	0	0	0	489	0
U. North Dakota	104	2,095	0	1,015	0	0	0	0	0	0	1,080	0
U. Texas Southwestern Medical Center	105	2,090	0	0	2,090	0	0	0	0	0	0	0
Loma Linda U.	106	1,975	0	0	1,975	0	0	0	0	0	0	0
Texas A&M U.-Corpus Christi	107	1,878	0	477	0	0	0	0	0	0	1,401	0
Iowa State U.	108	1,873	0	7	135	0	21	0	0	0	1,692	18
CUNY, City C.	109	1,864	0	1,019	48	0	13	0	0	0	784	0
U. Massachusetts, Lowell	110	1,856	0	171	0	0	1,650	0	0	0	35	0
U. Kansas	111	1,838	0	160	183	0	444	0	0	0	1,051	0
Wichita State U.	112	1,795	0	0	10	0	123	0	0	0	1,662	0
California State U., Monterey Bay	113	1,769	0	110	1,659	0	0	0	0	0	0	0
U. Rochester	114	1,729	0	370	246	0	871	0	0	0	242	0
U. Texas, San Antonio	115	1,722	34	647	0	0	829	0	0	0	156	56
U. Kentucky	116	1,662	0	118	0	0	342	0	0	0	1,202	0
U. Connecticut	117	1,647	0	100	612	0	173	0	0	0	762	0
U. Nevada, Las Vegas	118	1,600	0	455	314	0	653	0	0	0	178	0
Emory U.	119	1,584	0	0	1,307	0	277	0	0	0	0	0
Boise State U.	120	1,570	32	370	46	0	315	0	13	0	794	0
U. Texas, Arlington	121	1,568	22	0	0	0	907	0	0	0	639	0
Brigham Young U., Provo	122	1,553	0	57	0	2	392	0	0	0	1,102	0
Clemson U.	123	1,547	0	0	0	0	1,275	0	0	0	272	0

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Portland State U.	124	1,500	0	170	516	0	382	0	0	0	432	0
U. Nevada, Reno	125	1,478	88	1,079	14	0	40	0	0	0	253	4
Langston U.	126	1,454	0	0	1,452	2	0	0	0	0	0	0
C. Charleston	127	1,423	0	366	10	0	420	0	0	544	67	16
U. Alabama, Tuscaloosa	128	1,391	0	160	0	0	403	0	87	0	741	0
U. Southern Mississippi	129	1,389	0	140	0	0	0	0	0	0	1,249	0
Tufts U.	130	1,385	0	0	0	146	258	0	0	0	981	0
Desert Research Institute	131	1,375	0	1,375	0	0	0	0	0	0	0	0
U. Georgia	132	1,340	0	194	52	0	379	309	364	0	42	0
Florida Institute of Technology	133	1,292	6	0	0	0	821	0	0	0	437	28
U. Texas, Dallas	134	1,289	0	0	0	19	1,270	0	0	0	0	0
U. Puerto Rico, Rio Piedras	135	1,287	0	85	0	0	1,197	0	5	0	0	0
U. Illinois, Chicago	136	1,284	0	400	0	0	470	0	166	21	217	10
George Washington U.	137	1,282	0	0	260	0	665	0	0	0	357	0
U. Vermont	138	1,278	0	0	0	0	0	0	0	0	1,278	0
Florida International U.	139	1,212	0	247	427	0	0	0	0	0	538	0
U. Texas Medical Branch	140	1,108	0	0	1,108	0	0	0	0	0	0	0
Washington State U.	141	1,104	0	204	625	0	172	0	0	0	69	34
U. Arkansas, Fayetteville	142	1,078	0	336	9	0	430	0	0	0	303	0
U. Wyoming	143	1,066	0	173	0	0	211	0	0	346	336	0
Delaware State U.	144	1,057	0	0	5	1	895	0	0	0	156	0
Embry-Riddle Aeronautical U.	145	1,050	17	3	0	0	999	0	0	0	27	4
Mississippi State U.	145	1,050	0	171	0	0	14	0	0	0	865	0
New York U.	147	1,033	277	0	0	151	300	0	113	0	192	0
California State U., Los Angeles	148	1,031	0	0	0	0	53	0	959	0	19	0
U. Rhode Island	148	1,031	0	1,014	0	0	17	0	0	0	0	0
South Dakota State U.	150	1,029	0	430	0	0	32	0	0	0	567	0
U. Notre Dame	151	1,016	0	0	21	0	521	0	0	0	474	0
U. Dayton	152	991	0	61	0	0	0	0	0	0	930	0
Wake Forest U.	153	967	0	0	739	0	228	0	0	0	0	0
South Dakota School of Mines and Technology	154	964	0	0	0	8	0	0	0	0	956	0



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Wesleyan U.	185	608	0	403	0	0	205	0	0	0	0	0
U. Hartford	187	585	0	0	0	0	0	0	0	0	585	0
U. Nebraska, Lincoln	187	585	2	36	291	0	8	0	0	0	240	8
U. Cincinnati	189	582	0	17	203	109	71	0	15	0	167	0
Christopher Newport U.	190	566	0	0	0	0	0	0	0	0	566	0
Medical C. Wisconsin	191	562	0	0	562	0	0	0	0	0	0	0
U. Louisiana, Lafayette	192	555	0	0	253	0	0	0	0	0	302	0
U. Denver	193	553	0	0	302	0	68	0	0	0	183	0
Virginia Commonwealth U.	194	545	0	0	199	68	0	0	0	0	258	20
SUNY, U. Albany	195	539	0	360	102	0	0	0	0	0	77	0
U. Mississippi	196	535	0	0	62	0	270	0	0	0	203	0
Kansas State U.	197	528	0	43	0	0	106	0	0	33	346	0
Prairie View A&M U.	198	520	0	0	239	0	49	0	0	0	232	0
Florida Atlantic U.	199	515	0	1	322	0	38	0	0	0	154	0
Eastern Virginia Medical School	200	507	0	0	507	0	0	0	0	0	0	0
U. Colorado Denver and Anschutz Medical Campus	201	506	0	0	260	0	0	0	0	0	118	128
Cleveland State U.	202	490	0	0	154	126	0	0	0	0	210	0
Drexel U.	203	480	0	0	0	0	183	0	0	0	297	0
U. Nebraska, Omaha	204	476	0	0	0	0	0	0	0	0	476	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	205	464	0	33	0	0	247	0	5	0	167	12
U. Louisville	206	463	0	4	10	0	127	0	107	0	215	0
Sonoma State U.	207	458	0	458	0	0	0	0	0	0	0	0
Northwest Indian C.	208	439	0	387	0	0	0	0	0	0	0	52
U. Texas M. D. Anderson Cancer Center	209	438	0	0	438	0	0	0	0	0	0	0
Ohio U.	210	437	0	0	89	0	89	0	0	0	259	0
William & Mary	211	436	0	349	9	8	18	0	0	0	0	52
Bowdoin C.	212	409	0	390	5	0	14	0	0	0	0	0
U. South Alabama	213	399	0	0	0	0	15	0	0	0	384	0
Skidmore C.	214	389	0	389	0	0	0	0	0	0	0	0
CUNY, Advanced Science Research Center	215	388	0	0	0	0	21	0	0	0	367	0
St. Edward's U.	216	383	100	109	50	0	124	0	0	0	0	0

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California Polytechnic State U., San Luis Obispo	217	353	67	0	51	0	66	0	7	0	162	0
U. of the District of Columbia	218	340	0	0	0	0	0	0	0	0	340	0
U. Arkansas for Medical Sciences	219	339	0	0	339	0	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	220	317	0	0	317	0	0	0	0	0	0	0
Syracuse U.	221	315	0	0	0	0	0	0	0	0	315	0
U. North Texas, Health Science Center	222	306	0	0	306	0	0	0	0	0	0	0
Scripps Research Institute	223	304	0	0	304	0	0	0	0	0	0	0
Stevens Institute of Technology	224	286	0	0	0	0	162	0	0	0	124	0
Boston C.	225	285	0	272	0	0	13	0	0	0	0	0
U. Puerto Rico, Mayaguez	226	269	0	74	0	0	7	0	0	0	188	0
U. Missouri, Kansas City	227	267	12	0	0	0	158	0	0	0	97	0
Wright State U.	228	264	0	0	3	0	232	0	0	0	29	0
California State U., Long Beach	229	262	0	18	0	0	0	236	0	0	0	8
U. North Carolina, Wilmington	230	251	100	151	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	231	245	0	0	34	0	211	0	0	0	0	0
Idaho State U.	232	240	0	236	0	0	0	0	0	0	4	0
U. Guam	232	240	0	239	0	0	0	0	0	0	0	1
Haverford C.	234	234	0	0	0	0	234	0	0	0	0	0
Ithaca C.	235	231	0	0	0	0	231	0	0	0	0	0
Montclair State U.	236	227	0	103	0	0	124	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	237	223	5	0	86	0	34	0	0	0	98	0
Kent State U.	238	216	0	113	0	0	91	0	0	0	12	0
U. Texas Health Science Center, Houston	238	216	0	0	216	0	0	0	0	0	0	0
U. North Carolina, Charlotte	240	213	0	0	0	0	19	0	0	0	194	0
Oregon Health and Science U.	241	207	0	0	207	0	0	0	0	0	0	0
Chapman U.	242	203	0	200	3	0	0	0	0	0	0	0
Northern Kentucky U.	242	203	0	0	0	0	203	0	0	0	0	0
U. Puerto Rico, Humacao	244	202	0	0	0	1	201	0	0	0	0	0
Western Kentucky U.	245	201	0	0	0	0	201	0	0	0	0	0
Andrews U.	246	191	0	0	0	0	191	0	0	0	0	0
Howard U.	247	188	0	0	0	0	188	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 2020**

(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. Tulsa	248	187	0	14	0	0	57	0	0	0	116	0
U. Alaska, Anchorage	249	186	0	86	5	0	95	0	0	0	0	0
California State U., Fresno	250	184	0	0	0	0	0	0	0	0	184	0
Oakland U.	250	184	18	0	128	0	18	0	0	0	20	0
U. Wisconsin-Milwaukee	252	181	0	47	0	0	133	0	0	0	1	0
Pomona C.	253	175	0	29	0	0	146	0	0	0	0	0
Colgate U.	254	170	0	167	0	0	3	0	0	0	0	0
Worcester Polytechnic Institute	255	169	0	0	0	32	0	0	0	0	137	0
Central Washington U.	256	165	0	107	0	0	58	0	0	0	0	0
Florida A&M U.	256	165	0	0	0	0	0	0	0	0	165	0
Clark U.	258	164	0	104	60	0	0	0	0	0	0	0
CUNY, York C.	258	164	0	164	0	0	0	0	0	0	0	0
Miami U.	260	163	0	0	0	0	0	0	160	0	3	0
Rowan U.	260	163	0	119	0	0	34	0	0	0	10	0
Creighton U.	262	160	5	51	22	1	77	0	2	0	0	2
Southern Connecticut State U.	262	160	0	0	0	0	160	0	0	0	0	0
CUNY, New York City C. of Technology	264	159	0	0	0	0	0	0	0	0	159	0
Western Washington U.	264	159	0	106	0	0	14	0	0	39	0	0
Wayne State U.	266	154	0	0	0	0	64	0	0	0	90	0
Louisiana Tech U.	267	151	0	0	14	0	15	0	0	0	122	0
Florida Gulf Coast U.	268	140	0	0	0	0	140	0	0	0	0	0
U. Puerto Rico, Medical Sciences Campus	269	136	0	136	0	0	0	0	0	0	0	0
North Dakota State U.	270	134	0	19	0	0	0	0	10	0	105	0
U. Memphis	270	134	0	0	0	0	80	0	0	0	54	0
Thomas Jefferson U.	272	132	0	0	132	0	0	0	0	0	0	0
Louisiana State U., Health Sciences Center, Shreveport	273	130	0	0	130	0	0	0	0	0	0	0
Bowling Green State U.	274	126	0	126	0	0	0	0	0	0	0	0
DePaul U.	274	126	0	0	0	0	65	61	0	0	0	0
Marquette U.	276	124	0	0	0	0	105	0	0	0	19	0
Montana Technological U.	276	124	0	0	0	0	84	0	0	0	40	0
Central Connecticut State U.	278	122	0	85	4	0	8	0	0	0	25	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 2020**  
(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
Tennessee Technological U.	279	121	64	22	0	0	0	0	0	0	35	0
Tennessee State U.	280	120	0	0	0	0	120	0	0	0	0	0
Union C., Schenectady	280	120	0	0	0	0	120	0	0	0	0	0
U. Colorado Colorado Springs	282	117	0	0	0	0	0	0	0	0	117	0
U. Nebraska, Medical Center	283	116	0	0	116	0	0	0	0	0	0	0
U. New Orleans	284	115	94	0	0	0	0	0	0	0	21	0
Hope C.	285	114	0	0	4	58	18	0	0	0	34	0
Baylor U.	286	111	0	0	0	0	29	0	0	0	82	0
Albion C.	287	110	0	0	0	0	110	0	0	0	0	0
U. of the Pacific	288	108	0	0	0	0	108	0	0	0	0	0
West Texas A&M U.	288	108	108	0	0	0	0	0	0	0	0	0
U.S. Air Force Academy	290	103	0	0	0	0	53	0	0	0	50	0
East Carolina U.	291	99	0	20	0	0	71	0	0	0	8	0
U. Houston-Clear Lake	292	98	92	0	6	0	0	0	0	0	0	0
Bradley U.	293	96	0	0	0	0	1	0	0	0	95	0
Indiana U.-Purdue U., Indianapolis	294	95	14	66	0	0	0	0	0	0	0	15
Marshall U.	294	95	18	0	53	0	8	0	0	0	16	0
SUNY, C. Plattsburgh	296	93	0	0	0	0	93	0	0	0	0	0
Alabama A&M U.	297	88	3	0	10	1	23	5	6	0	38	2
Northern Illinois U.	298	87	0	0	87	0	0	0	0	0	0	0
Tulane U.	299	84	0	76	8	0	0	0	0	0	0	0
California State U., Fullerton	300	83	0	0	0	0	83	0	0	0	0	0
Santa Clara U.	301	77	0	0	0	0	0	0	0	0	77	0
Suffolk U.	302	76	0	0	0	0	0	0	0	0	76	0
Colby C.	303	74	0	0	0	0	74	0	0	0	0	0
Brandeis U.	304	72	0	0	65	0	7	0	0	0	0	0
Swarthmore C.	304	72	0	0	0	0	72	0	0	0	0	0
U. South Carolina, Aiken	304	72	0	40	32	0	0	0	0	0	0	0
CUNY, Lehman C.	307	71	0	0	0	0	57	0	0	0	0	14
Texas A&M U.-Commerce	307	71	0	0	0	0	71	0	0	0	0	0
South Carolina State U.	309	70	0	0	0	0	70	0	0	0	0	0
Lehigh U.	310	69	0	40	0	0	24	0	0	0	5	0



TABLE 62

## Federally financed higher education R&amp;D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&amp;D expenditures, by R&amp;D field: FY 2020

(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. South Dakota	342	38	0	0	11	0	7	0	1	0	0	19
CUNY, Baruch C.	343	37	0	0	0	0	0	0	37	0	0	0
Bucknell U.	344	35 i	0 i	0 i	0 i	0 i	34 i	0 i	0 i	0 i	1 i	0 i
Central State U.	344	35	0	0	34	0	0	0	0	0	1	0
Jackson State U.	344	35	0	0	12	0	0	0	0	0	23	0
Texas A&M U.-Kingsville	344	35	0	0	0	0	0	0	0	0	35	0
U. Wisconsin-Green Bay	348	33 i	0 i	17 i	2 i	0 i	3 i	1 i	2 i	0 i	8 i	0 i
Alaska Pacific U.	349	32	0	32	0	0	0	0	0	0	0	0
U. Central Arkansas	349	32	0	0	9	0	23	0	0	0	0	0
Macalester C.	351	31	0	0	0	0	31	0	0	0	0	0
U. of St. Thomas (MN)	351	31	0	0	0	0	31	0	0	0	0	0
Tougaloo C.	353	30	0	0	0	0	30	0	0	0	0	0
U. Northern Colorado	353	30	0	0	0	0	19	11	0	0	0	0
Mercer U.	355	29	0	0	0	0	0	0	0	0	29	0
Fort Lewis C.	356	28	0	0	0	0	0	0	0	0	28	0
SUNY, Polytechnic Institute	356	28	0	0	0	0	0	0	0	0	28	0
U. Northern Iowa	356	28	0	0	9	0	19	0	0	0	0	0
East Tennessee State U.	359	26	0	0	0	0	26	0	0	0	0	0
Georgia Southern U.	359	26	0	0	0	0	26	0	0	0	0	0
U. Hawaii, Hilo	359	26	0	0	0	0	26	0	0	0	0	0
U. Nebraska, Kearney	359	26	0	0	3	0	23	0	0	0	0	0
Youngstown State U.	359	26	0	0	0	0	15	0	0	0	11	0
U.S. Naval Academy	364	25	0	25	0	0	0	0	0	0	0	0
Middle Tennessee State U.	365	23	0	0	23	0	0	0	0	0	0	0
U. North Florida	365	23	0	0	1	0	10	0	0	0	12	0
C. New Jersey	367	22	0	0	0	0	16	0	0	0	3	3
Carleton C.	367	22	0	0	0	0	22	0	0	0	0	0
Harvey Mudd C.	367	22	0	0	0	0	22	0	0	0	0	0
Texas Christian U.	367	22	0	0	0	0	22	0	0	0	0	0
Weber State U.	367	22	0	0	0	0	0	0	0	0	22	0
Fort Hays State U.	372	21	0	0	0	0	21	0	0	0	0	0
U. Wisconsin-La Crosse	372	21	0	6	0	0	15	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 2020**

(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
Eastern Michigan U.	374	20	0	0	0	0	19	0	0	0	0	1
U. New Haven	374	20	0	0	9	0	0	0	0	0	11	0
California State U., East Bay	376	19	0	19	0	0	0	0	0	0	0	0
Lipscomb U.	376	19 i	0 i	0 i	1 i	0 i	5 i	0 i	1 i	0 i	10 i	2 i
Texas A&M International U.	376	19	0	19	0	0	0	0	0	0	0	0
Merrimack C.	379	18	0	0	0	0	0	0	0	0	18	0
Mount Holyoke C.	379	18	0	0	0	0	18	0	0	0	0	0
Ball State U.	381	17	0	0	17	0	0	0	0	0	0	0
Purdue U., Northwest	381	17	0	0	0	0	0	0	0	0	12	5
U. North Carolina, Asheville	381	17	0	0	0	0	17	0	0	0	0	0
Air Force Institute of Technology	384	16	0	0	0	0	0	0	0	0	16	0
CUNY, C. Staten Island	384	16	0	0	16	0	0	0	0	0	0	0
Dillard U.	384	16	0	0	0	0	16	0	0	0	0	0
U. Maryland, Eastern Shore	384	16	0	0	0	0	0	0	0	0	16	0
U. Texas Rio Grande Valley	384	16	0	16	0	0	0	0	0	0	0	0
West Chester U. Pennsylvania	384	16	0	0	0	0	16	0	0	0	0	0
Biola U.	390	15 i	0 i	0 i	3 i	0 i	5 i	0 i	1 i	0 i	5 i	1 i
Indiana U. Pennsylvania	390	15	0	0	15	0	0	0	0	0	0	0
Johnson C. Smith U.	390	15	0	0	0	0	0	0	0	0	15	0
Mercyhurst U.	390	15 i	0 i	7 i	1 i	0 i	6 i	0 i	0 i	0 i	0 i	1 i
U. Wisconsin-Eau Claire	394	14	0	0	0	0	14	0	0	0	0	0
Austin Peay State U.	395	13	0	0	0	0	13	0	0	0	0	0
Roger Williams U.	395	13	0	0	0	13	0	0	0	0	0	0
Trinity C., Hartford	395	13	0	0	0	0	0	0	0	0	13	0
U. West Florida	395	13	0	0	0	0	13	0	0	0	0	0
Colorado State U., Pueblo	399	12	0	0	0	0	0	0	0	0	12	0
Pittsburg State U.	399	12	0	0	0	0	0	0	0	0	12	0
U. Illinois, Springfield	399	12	0	0	0	0	12	0	0	0	0	0
Arkansas State U., Jonesboro	402	11	0	0	0	0	11	0	0	0	0	0
U. North Georgia	402	11	0	0	8	0	0	0	0	0	0	3
U. Wisconsin-Platteville	402	11 i	0 i	3 i	6 i	0 i	0 i	1 i	0 i	0 i	0 i	1 i
Willamette U.	402	11	0	0	11	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 2020**

(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
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
Purdue U., Fort Wayne	437	1	0	0	0	0	0	0	0	0	1	0
Saginaw Valley State U.	437	1	1	0	0	0	0	0	0	0	0	0

i = imputed.

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

<sup>a</sup> Johns Hopkins University includes the Applied Physics Laboratory, with \$371,704 thousand in R&D expenditures financed by NASA in FY 2020.<sup>b</sup> 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.<sup>c</sup> 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.