

TABLE 64

Federally financed higher education R&D expenditures, financed by the Department of Agriculture, ranked by USDA R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	USDA 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	-	1,221,317	6,362	39,695	986,905	5,184	6,326	10,962	31,662	7,483	76,497	50,241
North Carolina State U.	1	42,846	0	841	36,832	77	23	110	1,234	210	3,496	23
Colorado State U., Fort Collins	2	41,555	0	8,399	28,094	356	49	0	1,398	53	1,132	2,074
U. Florida	3	40,427	0	628	34,607	184	146	0	633	0	2,358	1,871
Cornell U.	4	37,785	27	17	35,263	0	0	141	379	0	914	1,044
Texas A&M U., College Station and Health Science Center	5	37,402	148	1,722	32,713	150	34	0	1,257	0	306	1,072
Washington State U.	6	36,317	0	110	30,513	50	0	0	896	18	3,125	1,605
U. California, Davis	7	36,057	41	1,151	32,098	111	0	0	600	0	2,056	0
Michigan State U.	8	34,267	0	1,039	30,304	6	0	0	540	29	1,743	606
Ohio State U.	9	33,905	0	9	19,424	0	27	0	116	56	2,163	12,110
Pennsylvania State U., University Park and Hershey Medical Center	10	32,342	12	651	24,871	2	169	6,066	272	0	276	23
Oregon State U.	11	31,364	3,107	391	23,058	7	80	0	334	1,998	2,260	129
Mississippi State U.	12	31,137	0	5	26,240	0	49	0	2,788	8	1,961	86
U. Minnesota, Twin Cities	13	29,714	342	0	19,931	0	21	925	1,963	0	6,362	170
Iowa State U.	14	29,336	46	0	21,435	3,431	264	189	270	1,248	2,393	60
U. Maryland ^a	15	26,761	45	135	24,769	0	87	0	284	0	791	650
U. Georgia	16	26,571	0	95	23,585	4	0	88	1,656	0	1,121	22
Purdue U., West Lafayette	17	23,791	0	28	18,808	12	0	0	356	0	3,537	1,050
Kansas State U.	18	23,474	66	931	18,820	0	0	1,923	106	0	776	852
U. Wisconsin-Madison	19	22,377	0	0	20,346	0	0	0	143	10	1,839	39
U. Nebraska, Lincoln	20	21,174	272	0	18,868	23	0	4	44	0	1,799	164
U. Illinois, Urbana-Champaign	21	19,682	93	0	13,852	1	8	1,043	51	0	2,542	2,092
Virginia Polytechnic Institute and State U.	22	19,204	163	11	16,794	103	0	30	479	0	883	741
U. Tennessee, Knoxville, Institute of Agriculture	23	17,338	0	0	14,855	0	0	0	0	0	2,483	0
Rutgers, State U. New Jersey, New Brunswick	24	17,022	0	21	16,996	0	5	0	0	0	0	0
U. Maine	25	16,162	0	669	13,776	0	0	0	0	0	865	852
U. Arizona	26	16,066	0	214	12,607	8	0	0	857	0	2,362	18
Tufts U.	27	15,811	0	0	6,812	0	872	0	0	15	603	7,509
U. Missouri, Columbia	28	15,495	0	0	14,364	35	0	0	12	0	1,084	0

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Baylor C. of Medicine	29	14,812	0	0	14,812	0	0	0	0	0	0	0
South Dakota State U.	30	14,709	0	162	13,276	0	0	107	363	0	706	95
U. Idaho	31	13,853	0	319	12,645	0	0	0	260	0	512	117
U. Kentucky	32	13,762	206	42	11,326	0	0	0	13	0	1,050	1,125
Utah State U.	33	13,648	0	0	13,174	1	0	0	18	0	403	52
U. Arkansas, Fayetteville	34	12,538	35	53	11,164	19	0	0	173	0	750	344
Auburn U., Auburn	35	10,176	0	408	8,851	0	0	0	3	0	868	46
North Dakota State U.	36	9,766	0	0	8,912	0	0	7	66	0	714	67
Louisiana State U., Baton Rouge	37	9,587	0	30	9,226	0	0	0	0	0	317	14
Montana State U., Bozeman	38	9,373	0	303	8,721	23	0	0	14	0	280	32
Oklahoma State U., Stillwater	39	9,200	11	35	6,487	0	0	22	99	0	2,174	372
Florida A&M U.	40	8,753	0	170	8,215	0	0	0	0	0	368	0
U. Hawaii, Manoa	41	8,739	0	0	7,277	0	0	0	29	716	592	125
U. Massachusetts, Amherst	42	7,999	0	96	7,330	4	8	0	8	0	170	383
U. California, Riverside	43	7,953	0	1,015	6,300	14	0	0	63	0	561	0
New Mexico State U.	44	7,496	0	495	6,228	0	85	0	8	40	640	0
U. Vermont	45	7,413	0	0	7,413	0	0	0	0	0	0	0
West Virginia U.	46	7,212	0	297	6,501	0	0	0	0	208	201	5
Alcorn State U.	47	7,129	0	0	4,752	0	0	0	2,377	0	0	0
U. Wyoming	48	6,803	5	0	6,291	0	0	0	75	432	0	0
U. Washington, Seattle	49	6,650	0	312	6,243	0	0	0	2	0	93	0
U. Montana, Missoula	50	6,527	39	263	5,493	0	0	0	732	0	0	0
U. New Hampshire	51	6,461	0	690	5,677	0	0	0	48	0	16	30
U. Rhode Island	52	6,419	0	3,216	2,775	0	0	0	409	16	0	3
U. Mississippi	53	6,183	0	145	4,301	0	443	0	0	0	1,163	131
Clemson U.	54	5,737	427	0	2,456	0	0	0	0	0	210	2,644
Langston U.	55	5,663	0	0	5,431	0	0	0	0	0	0	232
Tennessee State U.	56	5,555	82	0	5,347	0	0	0	0	0	0	126
U. Nevada, Reno	57	5,516	0	314	4,207	0	245	0	539	56	155	0
U. Connecticut	58	5,407	0	113	4,403	0	0	52	756	0	69	14
Prairie View A&M U.	59	5,401	0	0	5,236	0	0	0	0	0	165	0
North Carolina Agricultural and Technical State U.	60	5,371	0	14	5,231	0	0	0	0	0	0	126
Tuskegee U.	61	5,362	0	0	5,107	0	0	0	255	0	0	0

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U. Delaware	62	5,352	0	87	4,123	0	0	0	994	45	99	4
Kentucky State U.	63	4,398	0	0	4,398	0	0	0	0	0	0	0
Virginia State U.	64	4,198	0	157	3,987	0	0	0	54	0	0	0
Tarleton State U.	65	4,194	0	214	3,980	0	0	0	0	0	0	0
Texas A&M U.-Kingsville	66	4,008	0	0	3,966	0	0	0	0	0	42	0
Fort Valley State U.	67	3,974	0	0	3,973	0	0	0	0	0	0	1
Northern Arizona U.	68	3,731	27	425	3,090	0	0	0	0	106	83	0
U. Arkansas, Pine Bluff	69	3,693	0	0	3,693	0	0	0	0	0	0	0
U. California, Berkeley	70	3,686	0	0	2,941	0	0	0	0	293	265	187
Delaware State U.	71	3,191	0	0	3,025	0	0	0	166	0	0	0
Southern U. and A&M C., Agricultural Research and Extension Center	72	3,057	0	0	3,057	0	0	0	0	0	0	0
West Virginia State U.	73	2,786	0	0	2,786	0	0	0	0	0	0	0
U. Guam	74	2,733	0	32	2,680	0	0	0	0	0	0	21
U. of the Virgin Islands	75	2,694	0	0	2,642	0	0	0	1	0	0	51
U. North Carolina, Chapel Hill	76	2,615	0	15	2,311	0	0	0	11	0	0	278
Arizona State U.	77	2,452	0	0	652	256	0	186	1,056	242	60	0
Lincoln U., Jefferson City	78	2,355	0	0	2,281	0	0	0	1	73	0	0
U. Nevada, Las Vegas	79	2,328	0	1,896	177	0	0	0	0	0	234	21
U. Texas, El Paso	80	2,105	0	82	610	0	186	0	541	0	686	0
U. Tennessee, Knoxville	81	2,031	0	35	962	0	157	0	120	77	544	136
U. North Dakota	82	2,029	0	125	49	0	0	0	0	0	14	1,841
U. Texas Rio Grande Valley	83	2,018	47	0	1,461	0	483	0	0	0	0	27
U. Texas Health Science Center, Houston	84	1,917	0	0	1,917	0	0	0	0	0	0	0
Cold Spring Harbor Laboratory	85	1,914	0	0	1,914	0	0	0	0	0	0	0
U. Alaska, Fairbanks	86	1,906	11	6	752	0	0	0	23	591	34	489
U. of the District of Columbia	87	1,840	0	0	1,083	0	0	0	0	0	0	757
Texas Tech U.	88	1,832	0	0	1,563	0	20	0	0	0	92	157
U. Colorado Boulder	88	1,832	0	382	442	0	0	0	116	0	892	0
U. Central Florida	90	1,795	0	0	231	0	0	0	0	0	1,349	215
U. Michigan, Ann Arbor	91	1,773	0	0	1,609	0	0	25	107	0	32	0
SUNY, C. of Environmental Science and Forestry	92	1,754	2	169	1,277	0	44	0	35	0	227	0

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Central State U.	93	1,742	0	159	1,583	0	0	0	0	0	0	0
Michigan Technological U.	94	1,584	0	1,578	0	0	0	0	6	0	0	0
U. Maryland, Eastern Shore	95	1,570	0	239	611	0	0	0	720	0	0	0
Arkansas State U., Jonesboro	96	1,479	0	0	1,479	0	0	0	0	0	0	0
U. Southern Mississippi	97	1,407	0	18	330	0	0	0	0	0	0	1,059
U. Oklahoma, Norman and Health Science Center	98	1,367	15	101	1,138	0	0	0	0	0	113	0
Florida International U.	99	1,332	0	0	1,147	0	0	0	0	0	0	185
Boise State U.	100	1,325	0	88	1,101	0	111	0	8	0	0	17
U. Pennsylvania	101	1,319	0	54	614	0	0	0	165	0	474	12
Johns Hopkins U. ^b	102	1,309	0	543	95	0	0	0	0	0	671	0
U. California, Santa Cruz	103	1,233	0	1,046	77	0	0	0	37	0	0	73
U. California, San Diego	104	1,176	0	22	1,029	0	0	0	125	0	0	0
Portland State U.	105	1,123	0	78	912	0	0	0	133	0	0	0
U. New Mexico	106	1,120	0	168	602	0	67	0	0	0	30	253
Desert Research Institute	107	1,097	0	1,097	0	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	108	1,084	0	0	912	0	56	0	25	0	91	0
California Polytechnic State U., San Luis Obispo	109	1,068	0	0	1,008	0	0	0	55	0	0	5
Georgia Institute of Technology	110	1,059	6	0	129	0	0	0	6	0	898	20
Texas State U.	111	1,043	0	0	296	0	563	0	0	0	184	0
U. California, Merced	112	1,022	0	108	173	0	0	0	0	0	715	26
St. Edward's U.	113	1,000	100	200	400	0	100	0	100	100	0	0
Florida State U.	114	993	0	215	778	0	0	0	0	0	0	0
Southern Illinois U., Carbondale	115	952	0	4	614	0	0	0	0	334	0	0
Duke U.	116	946	0	236	315	0	0	0	387	0	7	1
Syracuse U.	117	917	0	31	533	0	0	0	287	0	66	0
Dartmouth C. and Dartmouth Hitchcock Medical Center	118	897	0	0	212	0	0	0	54	0	631	0
American Samoa Community C.	119	860	0	0	860	0	0	0	0	0	0	0
New York U.	120	845	0	0	845	0	0	0	0	0	0	0
U. Puerto Rico, Rio Piedras	121	830	0	299	220	0	311	0	0	0	0	0
U. North Carolina, Greensboro	122	816	0	0	657	0	0	0	159	0	0	0
Indiana U. Pennsylvania	123	748	0	0	748	0	0	0	0	0	0	0

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California State Polytechnic U., Pomona	189	287	0	0	287	0	0	0	0	0	0	0
Baylor U.	190	284	0	21	175	0	0	0	83	0	0	5
U. Maryland Center for Environmental Science	191	282	0	15	255	0	12	0	0	0	0	0
SUNY, U. Buffalo	192	281	0	0	143	0	138	0	0	0	0	0
U. South Florida, Saint Petersburg	193	268	0	0	268	0	0	0	0	0	0	0
Worcester Polytechnic Institute	194	261	0	0	0	149	0	0	0	0	112	0
George Mason U.	195	256	47	21	0	0	0	0	0	0	0	188
U. Alabama, Huntsville	196	246	0	144	0	0	0	0	0	0	102	0
Stanford U.	197	243	0	181	48	0	0	0	14	0	0	0
U. Virginia, Charlottesville	198	230	0	15	98	0	0	0	97	0	0	20
U. Notre Dame	199	228	0	0	155	0	0	0	3	0	67	3
Northwest Indian C.	200	226	0	211	15	0	0	0	0	0	0	0
West Texas A&M U.	200	226	0	0	223	0	3	0	0	0	0	0
U. South Alabama	202	224	0	0	0	0	0	0	224	0	0	0
U. California, Los Angeles	203	223	0	19	30	0	0	0	0	0	174	0
Marquette U.	204	219	0	0	206	0	0	0	0	0	13	0
U. New England	204	219	0	6	213	0	0	0	0	0	0	0
Salish Kootenai C.	206	217	0	0	207	0	0	0	0	0	0	10
California State U., San Marcos	207	212	0	0	44	0	0	0	168	0	0	0
Ohio U.	207	212	0	29	22	0	87	0	59	0	0	15
Emory U.	209	211	0	92	119	0	0	0	0	0	0	0
Idaho State U.	209	211	0	63	31	0	0	0	110	0	0	7
U. North Carolina, Wilmington	209	211	0	0	211	0	0	0	0	0	0	0
Montclair State U.	212	200	0	155	45	0	0	0	0	0	0	0
American U.	213	199	0	0	0	0	0	0	0	199	0	0
U. Alaska, Anchorage	214	198	0	26	151	0	0	0	0	0	0	21
Wright State U.	215	192	0	0	192	0	0	0	0	0	0	0
Clark U.	216	187	0	0	0	0	0	0	187	0	0	0
California State U., Chico	217	180	0	0	180	0	0	0	0	0	0	0
Occidental C.	218	179	0	0	179	0	0	0	0	0	0	0
U. Nebraska, Medical Center	218	179	0	0	179	0	0	0	0	0	0	0
U. Arkansas, Little Rock	220	173	51	0	122	0	0	0	0	0	0	0

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Harvard U.	221	170	0	136	34	0	0	0	0	0	0	0
South Dakota School of Mines and Technology	222	166	0	0	0	0	0	0	0	0	166	0
U. Texas, Tyler	223	164	0	0	164	0	0	0	0	0	0	0
Hobart and William Smith Colleges	224	158	0	0	158	0	0	0	0	0	0	0
U. Texas Medical Branch	225	157	0	0	157	0	0	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	226	156	0	0	156	0	0	0	0	0	0	0
Rochester Institute of Technology	227	155	0	0	22	0	133	0	0	0	0	0
Loyola U., Chicago	228	152	0	0	152	0	0	0	0	0	0	0
Clarkson U.	229	148	0	0	0	0	0	0	0	0	148	0
Fort Lewis C.	230	141	0	10	131	0	0	0	0	0	0	0
San Diego State U.	230	141	0	12	87	0	0	0	27	15	0	0
Wake Forest U.	232	139	0	0	124	0	0	0	0	15	0	0
Northwestern U.	233	137	0	0	67	0	0	0	0	0	70	0
U. Colorado Denver and Anschutz Medical Campus	233	137	0	0	137	0	0	0	0	0	0	0
Heidelberg U.	235	135	0	135	0	0	0	0	0	0	0	0
Texas A&M U.-Corpus Christi	236	132	0	0	0	0	132	0	0	0	0	0
Georgia State U.	237	129	42	0	49	0	0	0	38	0	0	0
U. Cincinnati	238	126	0	0	69	0	0	0	1	0	56	0
Dine C.	239	125	0	0	125	0	0	0	0	0	0	0
South Carolina State U.	240	120	0	0	0	0	0	0	0	0	0	120
SUNY, Stony Brook U.	240	120	0	116	4	0	0	0	0	0	0	0
U. California, Irvine	240	120	0	53	59	0	0	8	0	0	0	0
U. Missouri, Saint Louis	240	120	0	0	120	0	0	0	0	0	0	0
Northern Illinois U.	244	116	0	0	101	0	0	0	15	0	0	0
U. Central Arkansas	245	115	0	0	1	0	0	0	0	112	0	2
Fort Hays State U.	246	112	0	0	112	0	0	0	0	0	0	0
Connecticut C.	247	111	0	0	0	0	0	0	111	0	0	0
Chapman U.	248	108	0	0	89	0	19	0	0	0	0	0
Princeton U.	248	108	0	0	108	0	0	0	0	0	0	0
Wichita State U.	248	108	0	0	58	0	0	0	0	0	50	0
Texas Woman's U.	251	106	0	0	106	0	0	0	0	0	0	0

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U. Alaska, Southeast	252	104	0	0	82	0	0	0	0	22	0	0
East Carolina U.	253	98	0	0	52	0	0	0	0	0	17	29
Western Illinois U.	253	98	0	0	81	0	17	0	0	0	0	0
California State U., Los Angeles	255	97	0	0	97	0	0	0	0	0	0	0
Columbia U. in the City of New York	256	94	0	8	7	0	65	0	0	0	0	14
California State U., Sacramento	257	93	0	0	76	0	0	0	0	0	0	17
Towson U.	257	93	17	0	76	0	0	0	0	0	0	0
Washington U., Saint Louis	259	92	0	0	11	0	0	0	0	0	81	0
Georgia Southern U.	260	91	0	20	67	0	0	0	0	0	4	0
Kent State U.	261	90	0	0	0	0	0	0	90	0	0	0
U. Houston	261	90	0	5	22	0	0	0	0	0	0	63
U. Alabama, Birmingham	263	89	0	0	84	0	0	0	0	0	5	0
U. Memphis	264	88	0	0	58	0	0	0	0	0	30	0
U. North Carolina, Asheville	265	87	0	4	0	0	79	0	0	0	0	4
U. Rochester	266	85	0	0	85	0	0	0	0	0	0	0
Montana Technological U.	267	83	0	33	0	0	0	0	0	0	50	0
Rowan U.	267	83	83	0	0	0	0	0	0	0	0	0
U. Chicago	269	78	0	0	78	0	0	0	0	0	0	0
U. Northern Iowa	269	78	0	0	78	0	0	0	0	0	0	0
Florida Atlantic U.	271	77	0	62	0	0	0	0	0	0	15	0
Northeastern Illinois U.	271	77	0	77	0	0	0	0	0	0	0	0
California State U., Long Beach	273	76	0	0	76	0	0	0	0	0	0	0
Purdue U., Northwest	274	69	0	0	0	0	0	0	0	0	5	64
U. Wisconsin-Platteville	274	69	0	1	67	0	0	0	0	0	0	1
Lehigh U.	276	68	0	0	0	0	0	0	0	0	0	68
Southern Connecticut State U.	276	68	0	0	68	0	0	0	0	0	0	0
U. of the Pacific	276	68	0	0	0	0	0	0	0	0	68	0
Case Western Reserve U.	279	66	0	0	0	0	0	0	0	0	66	0
California State U., Stanislaus	280	65	0	0	65	0	0	0	0	0	0	0
Hope C.	280	65	0	0	65	0	0	0	0	0	0	0
Fairfield U.	282	62	0	0	0	0	62	0	0	0	0	0
Northeastern U.	282	62	0	33	29	0	0	0	0	0	0	0
Murray State U.	284	61	0	0	61	0	0	0	0	0	0	0
Purdue U., Fort Wayne	284	61	0	0	61	0	0	0	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the Department of Agriculture, ranked by USDA R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	USDA 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. Central Oklahoma	286	60	0	0	60	0	0	0	0	0	0	0
U. Portland	286	60	0	0	60	0	0	0	0	0	0	0
CUNY, Brooklyn C.	288	59 i	0 i	58 i	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Eastern Kentucky U.	288	59	0	0	58	0	0	0	1	0	0	0
U. Massachusetts, Lowell	288	59	0	0	59	0	0	0	0	0	0	0
Appalachian State U.	291	58	8	4	46	0	0	0	0	0	0	0
Virginia Commonwealth U.	291	58	0	19	39	0	0	0	0	0	0	0
U. North Carolina, Charlotte	293	56	0	16	0	0	0	0	0	0	30	10
Northeast Ohio Medical U.	294	54	0	0	54	0	0	0	0	0	0	0
Roger Williams U.	295	53	0	53	0	0	0	0	0	0	0	0
Chicago State U.	296	52	0	0	52	0	0	0	0	0	0	0
New Jersey Institute of Technology	296	52	0	0	0	0	0	0	0	0	25	27
Salisbury U.	296	52	0	0	0	0	0	0	0	0	0	52
James Madison U.	299	51	0	0	33	0	8	0	10	0	0	0
U. Northern Colorado	300	50	0	0	50	0	0	0	0	0	0	0
Mercer U.	301	49	0	0	49	0	0	0	0	0	0	0
U. Texas, Arlington	302	48	0	0	0	48	0	0	0	0	0	0
Bowling Green State U.	303	47	0	46	1	0	0	0	0	0	0	0
Central Washington U.	303	47	0	47	0	0	0	0	0	0	0	0
Rhode Island School of Design	303	47 i	1 i	0 i	44 i	0 i	0 i	0 i	2 i	0 i	0 i	0 i
Western Michigan U. and Homer Stryker M.D. School of Medicine	306	46	0	0	40	0	0	0	6	0	0	0
Miami U.	307	45	0	0	39	0	0	0	0	0	0	6
Texas A&M International U.	307	45	0	0	12	0	0	0	0	0	0	33
U. Richmond	307	45	0	0	45	0	0	0	0	0	0	0
Clark Atlanta U.	310	43	0	0	0	0	43	0	0	0	0	0
C. Charleston	311	42	0	33	9	0	0	0	0	0	0	0
New York Medical C.	312	41 i	0 i	0 i	41 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Southern Illinois U., Edwardsville	313	38	0	0	0	0	0	0	0	0	38	0
Rutgers, State U. New Jersey, Newark	314	37	0	37	0	0	0	0	0	0	0	0
U. Ana G. Mendez, Cupey	314	37	0	0	0	0	0	0	0	0	0	37
U. Tulsa	316	36	0	0	36	0	0	0	0	0	0	0
U. Wisconsin-Green Bay	316	36 i	0 i	2 i	29 i	0 i	0 i	0 i	1 i	0 i	2 i	2 i
Western Washington U.	316	36	0	25	11	0	0	0	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the Department of Agriculture, ranked by USDA R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	USDA 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
Minnesota State U., Mankato	319	32	0	0	0	0	32	0	0	0	0	0
Boston C.	320	31	0	0	0	0	0	0	0	0	0	31
Creighton U.	321	30 i	0 i	0 i	23 i	0 i	0 i	1 i	1 i	0 i	0 i	5 i
Loyola Marymount U.	321	30	0	25	0	0	0	0	5	0	0	0
Saint Louis U.	321	30	0	0	21	0	0	0	0	0	9	0
Fordham U.	324	27	0	0	0	0	0	0	27	0	0	0
C. Wooster	325	26	0	0	26	0	0	0	0	0	0	0
Central Connecticut State U.	325	26	0	0	26	0	0	0	0	0	0	0
Morgan State U.	327	24	0	0	24	0	0	0	0	0	0	0
CUNY, Advanced Science Research Center	328	23	0	0	23	0	0	0	0	0	0	0
Dickinson C.	328	23	0	0	11	0	0	0	0	0	0	12
U. Washington, Bothell	330	22	0	0	22	0	0	0	0	0	0	0
Long Island U.	331	21	0	0	9	0	0	0	0	0	12	0
U. Southern Maine	331	21	0	0	13	0	0	0	8	0	0	0
California Institute of Technology	333	20	0	0	0	0	0	0	0	0	20	0
U. Wisconsin-Oshkosh	333	20 i	0 i	3 i	10 i	0 i	0 i	1 i	3 i	0 i	1 i	2 i
U. Wisconsin-Stevens Point	333	20 i	0 i	3 i	11 i	0 i	0 i	0 i	1 i	0 i	4 i	1 i
West Chester U. Pennsylvania	333	20	0	0	20	0	0	0	0	0	0	0
Alaska Pacific U.	337	19	0	0	19	0	0	0	0	0	0	0
Ball State U.	337	19	0	0	18	0	0	0	1	0	0	0
Kennesaw State U.	337	19	0	0	19	0	0	0	0	0	0	0
Temple U.	337	19	0	0	19	0	0	0	0	0	0	0
San Francisco State U.	341	18	0	0	3	0	0	0	0	15	0	0
Seattle U.	341	18	0	0	0	0	0	0	0	0	18	0
Drake U.	343	17	0	0	0	0	0	0	0	0	0	17
Oregon Health and Science U.	343	17	0	0	17	0	0	0	0	0	0	0
U. Pittsburgh, Pittsburgh	343	17	0	0	17	0	0	0	0	0	0	0
Texas A&M U.-Commerce	346	15	0	0	15	0	0	0	0	0	0	0
Gettysburg C.	347	14	0	0	14	0	0	0	0	0	0	0
Grand Valley State U.	347	14	0	0	14	0	0	0	0	0	0	0
Sul Ross State U.	347	14	0	0	14	0	0	0	0	0	0	0
U. Washington, Tacoma	347	14	0	0	14	0	0	0	0	0	0	0
Lafayette C.	351	13	0	0	13	0	0	0	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the Department of Agriculture, ranked by USDA R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	USDA 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
Woods Hole Oceanographic Institution	351	13	0	13	0	0	0	0	0	0	0	0
Morehead State U.	353	12	0	0	0	0	0	0	0	0	0	12
U. Illinois, Springfield	353	12	0	0	0	0	0	0	12	0	0	0
U.S. Army War C.	353	12 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	12 i
Barnard C.	356	10	0	0	10	0	0	0	0	0	0	0
Oregon Institute of Technology	356	10 i	0 i	2 i	8 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Reed C.	356	10	0	0	10	0	0	0	0	0	0	0
U. California, San Francisco	359	9	0	0	9	0	0	0	0	0	0	0
U. Massachusetts, Dartmouth	359	9	0	3	6	0	0	0	0	0	0	0
Santa Clara U.	361	8	0	0	8	0	0	0	0	0	0	0
Furman U.	362	7	0	0	7	0	0	0	0	0	0	0
East Tennessee State U.	363	6	0	0	4	0	2	0	0	0	0	0
Midwestern U.	363	6	0	0	6	0	0	0	0	0	0	0
Southeastern Louisiana U.	363	6	0	0	0	0	0	0	0	0	0	6
Tulane U.	363	6	0	0	6	0	0	0	0	0	0	0
Grinnell C.	367	5	0	0	5	0	0	0	0	0	0	0
Augusta U.	368	4	0	0	4	0	0	0	0	0	0	0
Bowie State U.	368	4	0	0	4	0	0	0	0	0	0	0
Haverford C.	368	4	0	0	0	0	0	0	0	0	0	4
Morehouse C.	368	4	0	0	4	0	0	0	0	0	0	0
U. North Florida	368	4	0	0	4	0	0	0	0	0	0	0
DePaul U.	373	3	0	3	0	0	0	0	0	0	0	0
Keck Graduate Institute	373	3 i	0 i	0 i	3 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
U. Missouri, Kansas City	373	3	0	0	0	0	0	0	0	0	0	3
Willamette U.	373	3	0	0	0	0	0	0	3	0	0	0
Canisius C.	377	2	0	0	0	0	2	0	0	0	0	0
Eastern Washington U.	377	2	0	0	0	0	0	0	2	0	0	0
Mercyhurst U.	377	2 i	0 i	0 i	1 i	0 i	0 i	0 i	0 i	0 i	0 i	1 i
U. Baltimore	377	2	0	0	0	0	0	0	2	0	0	0
U. Colorado Colorado Springs	377	2	0	1	0	0	0	0	0	1	0	0
U. New Orleans	377	2	0	2	0	0	0	0	0	0	0	0
Biola U.	383	1 i	0 i	0 i	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Central Michigan U.	383	1	0	0	0	0	0	1	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the Department of Agriculture, ranked by USDA R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	USDA 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.	383	1	0	0	1	0	0	0	0	0	0	0
Swarthmore C.	383	1	0	0	0	1	0	0	0	0	0	0

i = imputed.

USDA = Department of Agriculture; nec = not elsewhere classified; S&E = science and engineering.

^a 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.

^b Johns Hopkins University includes the Applied Physics Laboratory, with zero in R&D expenditures financed by USDA in FY 2019.

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.