

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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	-	6,699,546	844,522	886,194	907,224	251,663	1,284,351	83,291	192,977	128,831	1,731,109	389,384
U. California, San Diego	1	163,266	32,831	58,371	5,309	3,034	12,606	2,020	5,376	0	37,286	6,433
Woods Hole Oceanographic Institution	2	148,403	0	96,848	0	0	0	0	0	0	51,555	0
U. Washington, Seattle	3	142,970	9,174	40,631	9,423	6,181	21,605	1,027	4,068	0	37,094	13,767
Texas A&M U., College Station and Health Science Center	4	142,660	9,754	79,271	7,460	4,125	8,978	0	1,400	66	30,208	1,398
U. Illinois, Urbana-Champaign	5	137,092	41,009	4,802	15,716	2,751	21,299	1,835	1,206	77	42,999	5,398
Cornell U.	6	125,089	11,335	3,190	19,165	2,721	50,580	979	4,889	145	30,265	1,820
U. Texas, Austin	7	122,660	45,198	11,871	11,352	1,744	6,495	1,420	2,032	0	34,827	7,721
U. Colorado Boulder	8	119,866	15,138	27,695	7,635	2,400	26,032	774	5,938	307	22,939	11,008
Massachusetts Institute of Technology	9	117,488	22,875	9,963	7,967	3,765	38,242	178	1,311	2,054	29,225	1,908
U. Wisconsin-Madison	10	113,712	15,324	13,032	14,675	4,190	33,559	769	1,728	3,644	18,477	8,314
U. Michigan, Ann Arbor	11	109,808	3,716	3,028	13,471	4,687	15,046	2,068	18,191	646	43,700	5,255
Columbia U. in the City of New York	12	105,818	12,760	42,449	6,057	2,634	16,263	942	1,205	0	14,497	9,011
U. California, Berkeley	13	101,951	1,230	3,100	9,437	5,154	22,553	1,357	1,240	27,385	26,920	3,575
California Institute of Technology	14	96,199	3,096	6,298	2,435	489	77,322	0	508	63	5,881	107
Arizona State U.	15	87,368	5,652	4,841	15,930	796	14,464	536	5,493	1,443	31,022	7,191
Pennsylvania State U., University Park and Hershey Medical Center	16	84,781	11,636	10,053	10,754	3,474	18,612	1,672	2,561	0	20,260	5,759
Purdue U., West Lafayette	17	84,597	10,782	2,012	9,246	490	10,046	264	1,861	91	46,763	3,042
U. Minnesota, Twin Cities	18	81,018	5,595	9,590	17,666	4,003	9,537	1,090	3,230	37	28,848	1,422
Stanford U.	19	79,757	7,584	5,578	7,667	3,015	15,749	1,001	2,325	0	15,270	21,568
Georgia Institute of Technology	20	79,048	10,600	3,044	4,013	4,194	5,193	279	1,663	0	46,475	3,587
U. Chicago	21	75,499	17,097	6,136	4,268	3,271	26,849	2,473	1,709	0	12,159	1,537
Florida State U.	22	75,363	2,444	3,972	4,151	1,332	43,486	398	735	3	16,628	2,214
U. California, Los Angeles	23	74,397	6,346	8,023	5,147	5,262	12,609	1,597	2,179	10,761	14,879	7,594
Carnegie Mellon U.	24	73,377	39,202	108	696	3,395	5,517	1,559	836	3,930	17,594	540
Princeton U.	25	70,709	12,425	8,464	5,131	4,684	18,027	555	1,566	0	19,576	281
Ohio State U.	26	68,295	11,879	3,479	11,609	2,378	12,559	1,097	3,580	3,452	16,741	1,521
Oregon State U.	27	68,243	1,553	32,584	11,399	678	4,916	155	991	2,167	10,086	3,714
U. Maryland ^a	28	66,780	14,825	5,458	6,418	2,692	15,123	13	2,196	242	16,469	3,344
North Carolina State U.	29	66,411	11,149	3,170	8,301	5,559	4,241	629	203	655	29,869	2,635
Michigan State U.	30	61,082	3,112	1,712	18,063	5,736	16,395	822	1,984	717	7,250	5,291
U. Florida	31	60,602	6,142	8,434	9,905	1,276	8,922	128	1,609	0	18,703	5,483
U. Pennsylvania	32	59,837	5,428	345	5,468	2,138	19,059	1,362	2,100	144	14,982	8,811

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U. Southern California	33	58,556	15,662	8,645	5,319	1,481	4,269	383	994	0	16,559	5,244
Virginia Polytechnic Institute and State U.	34	58,394	6,373	2,641	12,360	1,744	5,681	221	1,373	0	27,022	979
Northeastern U.	35	57,624	8,897	2,172	2,535	853	6,003	895	3,465	0	30,615	2,189
U. California, Santa Barbara	36	57,467	6,819	8,882	3,058	849	17,860	693	1,338	826	16,539	603
U. Arizona	37	57,350	2,883	8,642	12,534	2,087	13,113	78	2,965	1,776	11,629	1,643
Northwestern U.	38	56,367	4,665	618	3,385	1,310	15,630	439	2,530	9,723	17,520	547
Harvard U.	39	54,965	4,798	4,099	10,996	2,122	14,798	694	2,665	254	12,073	2,466
U. California, Irvine	40	53,841	7,386	2,871	7,583	3,429	10,318	1,406	1,582	0	15,368	3,898
U. Utah	41	51,343	0	4,059	5,082	2,511	10,375	259	640	0	25,395	3,022
Indiana U., Bloomington	42	50,384	23,205	1,485	6,539	1,241	7,240	1,454	2,113	1,010	2,394	3,703
U. North Carolina, Chapel Hill	43	48,106	14,525	3,544	5,923	2,082	9,772	655	3,253	0	2,841	5,511
Rutgers, State U. New Jersey, New Brunswick	44	47,501	4,831	6,380	11,828	4,371	5,438	390	267	0	10,288	3,708
U. California, Davis	45	46,849	3,575	3,793	19,026	3,180	4,624	417	1,065	24	9,364	1,781
U. Alaska, Fairbanks	46	46,220	0	26,930	9,110	336	2,944	0	938	3,792	1,471	699
Duke U.	47	45,599	8,788	1,293	7,792	2,903	7,565	247	1,696	9	14,538	768
SUNY, Stony Brook U.	48	44,682	6,577	4,287	2,903	2,243	17,965	527	661	2,242	7,113	164
New York U.	49	43,877	4,175	56	4,795	6,575	6,226	1,907	2,954	0	13,154	4,035
U. Delaware	50	42,731	1,496	7,649	2,574	1,286	10,717	418	2,730	1,917	10,997	2,947
U. Notre Dame	51	41,477	4,759	0	1,707	3,058	15,718	786	881	601	13,457	510
U. Virginia, Charlottesville	52	41,133	7,386	3,482	2,263	1,246	5,877	432	397	0	13,559	6,491
Johns Hopkins U. ^b	53	40,834	3,394	2,529	4,703	1,641	12,705	1,044	210	5	14,477	126
Rice U.	54	40,654	4,159	1,632	4,206	1,984	8,521	638	833	492	17,061	1,128
Yale U.	55	39,036	5,182	1,814	8,526	1,613	7,391	512	1,638	0	7,490	4,870
U. Massachusetts, Amherst	56	38,784	8,507	1,685	4,631	1,549	6,671	985	1,756	0	11,291	1,709
U. Pittsburgh, Pittsburgh	57	38,493	2,298	896	8,140	1,638	6,940	338	933	3,217	11,660	2,433
U. Hawaii, Manoa	58	38,423	4,143	21,447	2,985	483	5,434	5	273	581	2,658	414
U. Nebraska, Lincoln and Medical Center ^c	59	38,292	3,619	1,375	9,606	1,007	15,574	279	519	7	3,753	2,553
Colorado State U., Fort Collins	60	37,561	1,463	8,537	10,086	1,432	4,947	472	437	378	7,834	1,975
Iowa State U.	61	35,809	2,250	1,372	7,367	732	2,800	240	461	0	18,209	2,378
Brown U.	62	34,145	3,929	3,325	6,238	7,044	5,608	16	1,026	1,991	4,659	309
Boston U.	63	33,870	3,724	1,852	2,877	742	5,438	991	756	1,301	13,547	2,642
U. New Mexico	64	33,744	1,937	4,593	5,473	211	3,658	52	1,533	116	14,143	2,028
SUNY, U. Buffalo	65	33,542	8,920	2,377	2,745	508	4,757	214	203	0	12,679	1,139

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U. Georgia	66	32,580	769	4,882	15,594	1,104	1,479	1,512	1,423	52	3,284	2,481
Florida International U.	67	31,761	10,157	5,565	3,336	575	2,429	330	609	651	8,052	57
U. Connecticut	68	31,244	2,129	3,040	9,653	1,548	3,833	2,260	237	58	7,317	1,169
U. California, Riverside	69	29,853	4,020	1,373	7,451	1,022	5,643	947	396	48	8,514	439
Vanderbilt U. and Vanderbilt U. Medical Center	70	29,839	6,332	1,003	2,784	582	2,812	945	533	0	7,033	7,815
U. Kansas	71	28,554	3,195	2,577	9,216	365	5,863	475	701	0	5,525	637
U. Illinois, Chicago	72	27,352	4,236	29	3,015	3,022	8,113	216	68	376	6,212	2,065
U. Central Florida	73	26,673	3,409	0	1,011	741	3,730	9	390	392	15,710	1,281
U. Oklahoma, Norman and Health Science Center	74	23,986	4,266	5,909	3,720	546	2,429	567	1,957	0	4,210	382
Clemson U.	75	23,552	2,345	0	1,361	1,008	2,162	215	1,030	0	13,662	1,769
U. Tennessee, Knoxville	76	23,328	1,522	728	5,446	736	3,861	493	230	910	8,170	1,232
Dartmouth C. and Dartmouth Hitchcock Medical Center	77	23,150	3,259	1,662	1,872	941	2,886	1,857	1,246	750	8,676	1
U. Wyoming	78	22,534	629	8,094	9,604	520	1,737	63	874	0	1,013	0
U. Arkansas, Fayetteville	79	22,471	2,356	942	4,209	80	5,302	314	571	497	7,471	729
Montana State U., Bozeman	80	22,324	751	1,197	3,286	845	10,765	0	14	974	4,186	306
U. Houston	81	22,004	1,400	1,728	1,334	3,075	3,235	679	1,007	695	7,620	1,231
Washington U., Saint Louis	82	21,715	3,482	1,521	4,351	1,063	3,525	211	1,629	113	5,449	371
U. Rochester	83	21,335	1,859	1,892	2,247	292	5,871	372	428	463	6,030	1,881
U. California, Santa Cruz	84	21,029	2,925	6,813	1,943	203	3,559	207	427	0	4,534	418
U. Oregon	85	20,542	1,234	2,298	2,492	1,420	6,771	443	894	0	657	4,333
U. New Hampshire	86	20,540	554	6,491	4,104	581	1,218	170	557	0	6,037	828
U. Kentucky	87	20,442	1,929	400	4,662	829	3,125	46	283	315	8,440	413
U. Nevada, Reno	88	20,342	3,324	1,919	5,481	109	2,888	238	259	0	6,041	83
Louisiana State U., Baton Rouge	89	20,103	1,594	2,493	3,200	1,309	5,153	91	566	32	5,201	464
U. Texas, El Paso	90	19,551	4,907	2,308	3,284	340	1,621	400	642	0	5,005	1,044
Colorado School of Mines	91	19,536	1,297	3,297	402	483	7,040	18	447	109	6,139	304
U. Missouri, Columbia	92	18,383	39	744	6,256	626	965	541	134	1,731	5,273	2,074
U. Alabama, Tuscaloosa	93	18,364	1,597	436	3,000	264	1,615	41	882	0	8,931	1,598
U. Idaho	94	17,921	2,841	719	11,265	18	202	0	447	0	1,460	969
Washington State U.	95	17,645	1,259	1,808	4,910	86	2,225	219	665	714	4,439	1,320
U. Maine	96	17,637	686	4,490	4,315	52	1,080	0	18	4,063	2,784	149
U. Texas, Dallas	97	17,448	4,167	276	1,032	624	3,196	99	886	0	6,758	410
Drexel U.	98	16,875	2,876	0	1,280	445	929	111	665	43	8,242	2,284

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U. South Florida	99	16,541	1,400	3,106	1,390	580	1,456	352	811	191	7,015	240
Utah State U.	100	16,532	1,711	918	3,552	251	1,021	284	0	0	7,745	1,050
U. South Carolina, Columbia	101	16,472	1,750	1,401	4,735	861	901	0	369	0	3,825	2,630
George Mason U.	102	16,347	4,217	1,576	1,251	898	1,614	359	704	88	4,261	1,379
George Washington U.	103	16,167	1,816	392	2,887	154	965	640	2,626	351	4,190	2,146
Kansas State U.	104	15,892	965	0	4,802	479	1,828	170	465	3	5,237	1,943
Auburn U., Auburn	105	15,636	446	737	3,790	486	2,843	0	273	95	6,338	628
U. Rhode Island	106	15,519	881	8,498	1,626	0	932	0	15	751	2,185	631
U. Cincinnati	107	14,900	673	722	1,988	578	2,834	110	461	0	6,629	905
Lehigh U.	108	14,720	1,315	801	1,103	355	1,559	461	0	0	8,860	266
Oklahoma State U., Stillwater	109	14,273	508	308	3,518	632	683	161	163	3,865	3,402	1,033
Rensselaer Polytechnic Institute	109	14,273	1,557	396	1,368	718	800	80	133	0	8,214	1,007
West Virginia U.	111	14,155	1,306	247	1,604	128	4,323	124	408	422	4,785	808
U. Miami	112	13,748	556	8,205	1,125	368	1,364	284	181	0	1,223	442
Syracuse U.	113	13,639	727	1,164	794	353	5,004	79	830	674	3,628	386
U. Maryland, Baltimore County	114	13,537	5,205	1,281	2,038	325	1,505	0	178	1,130	1,183	692
New Jersey Institute of Technology	115	13,523	3,215	0	844	882	4,268	0	82	64	3,933	235
Georgia State U.	116	13,377	1,671	717	1,870	500	4,243	261	1,420	0	0	2,695
Mississippi State U.	117	13,209	1,112	139	2,070	108	1,361	2	177	0	7,477	763
Texas Tech U.	118	13,143	1,303	1,082	1,861	899	1,354	112	24	0	5,451	1,057
Worcester Polytechnic Institute	119	13,042	4,396	0	436	504	877	0	202	0	5,400	1,227
New Mexico State U.	120	12,984	3,785	370	1,827	21	2,186	0	131	1,476	3,062	126
Temple U.	121	12,823	4,267	430	1,753	627	2,964	1,037	401	0	519	825
U. Texas, Arlington	122	12,822	2,611	42	1,735	645	3,786	28	76	0	3,439	460
Emory U.	123	12,370	1,543	285	2,519	1,125	5,066	57	987	0	589	199
U. Montana, Missoula	124	12,241	140	1,502	8,192	414	1,204	0	742	0	0	47
San Diego State U.	125	12,196	609	593	2,545	1,347	2,249	711	869	0	1,849	1,424
Tufts U.	126	12,117	1,496	240	2,280	962	2,146	142	220	10	4,203	418
U. Iowa	127	12,035	963	911	1,760	456	2,990	255	671	27	2,859	1,143
Boise State U.	128	11,813	1,133	1,085	3,488	478	749	0	298	182	3,276	1,124
CUNY, City C.	129	11,770	137	239	1,085	217	6,159	0	0	4	3,683	246
U. North Carolina, Charlotte	130	11,761	4,101	356	708	969	1,444	91	591	0	2,140	1,361
Northern Arizona U.	131	11,658	1,527	1,949	4,849	0	1,190	0	130	141	986	886

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Rochester Institute of Technology	132	11,449	3,514	0	321	1,182	2,339	389	137	0	2,555	1,012
U. California, San Francisco	133	10,746	0	0	6,641	0	4,105	0	0	0	0	0
U. California, Merced	134	10,735	524	857	2,377	571	2,524	0	272	411	2,856	343
U. Alabama, Huntsville	135	10,710	1,870	705	346	4	7,122	0	0	0	660	3
North Dakota State U.	136	10,647	759	143	2,893	0	1,190	94	201	2,200	2,953	214
U. Vermont	137	10,563	598	840	4,505	92	1,366	11	681	850	1,391	229
Case Western Reserve U.	138	10,356	1,515	150	1,050	415	1,257	41	61	0	5,654	213
Wayne State U.	139	10,093	2,145	53	680	490	3,260	134	333	199	2,741	58
North Carolina A&T State U.	140	9,842	0	0	2,153	964	1,538	0	0	196	4,213	778
Michigan Technological U.	141	9,785	1,547	4,137	1,257	175	704	130	214	227	1,319	75
U. Louisville	142	9,497	0	46	620	19	841	353	68	0	7,477	73
Tulane U.	143	9,465	827	2,906	185	410	3,080	50	362	0	1,570	75
SUNY, Binghamton U.	144	9,406	1,510	186	332	191	2,449	140	314	0	3,574	710
Brigham Young U., Provo	145	9,148	1,214	291	963	744	1,531	49	133	0	4,067	156
Boston C.	146	9,110	541	632	474	1,121	3,001	1,428	300	0	0	1,613
U. Nevada, Las Vegas	147	8,972	1,125	428	1,914	261	1,538	0	277	0	2,515	914
Indiana U.-Purdue U., Indianapolis	148	8,876	2,661	659	648	412	883	0	363	677	2,032	541
U. Puerto Rico, Rio Piedras	149	8,653	299	1,576	1,211	35	1,294	0	72	1,492	2,580	94
U. of the Virgin Islands	150	8,640	117	5,575	837	679	1,130	0	302	0	0	0
U. Wisconsin-Milwaukee	151	8,497	0	633	315	43	5,670	0	143	0	917	776
Portland State U.	152	8,319	1,338	625	2,108	1,075	333	66	448	53	1,040	1,233
William & Mary	153	8,199	1,522	3,171	619	108	2,066	52	11	0	0	650
U. Texas, San Antonio	154	8,173	3,081	635	378	316	998	7	568	23	2,015	152
U. Massachusetts, Lowell	155	8,163	1,683	569	485	122	538	70	63	0	4,426	207
New Mexico Institute of Mining and Technology	156	8,111	889	5,296	336	39	923	0	0	0	582	46
U. Alabama, Birmingham	157	7,969	691	0	2,937	169	2,630	0	0	0	705	837
Brandeis U.	158	7,849	902	0	1,030	540	5,207	0	170	0	0	0
U. North Texas, Denton	159	7,489	1,843	0	1,090	227	1,885	71	221	0	1,933	219
California State U., Northridge	160	7,385	192	1,561	1,981	189	2,628	50	176	0	381	227
U. Texas Rio Grande Valley	161	7,382	116	378	8	1,279	1,355	0	95	0	3,272	879
Old Dominion U.	162	7,351	484	1,709	1,736	233	721	62	88	0	1,830	488
Florida A&M U.	163	7,064	82	1,155	1,455	0	365	10	0	0	3,539	458
Virginia Commonwealth U.	164	6,997	1,091	29	1,068	482	1,404	95	161	0	2,239	428

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(Dollars in thousands)

Institution	Rank	NSF 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 State U.	165	6,987	805	28	412	1,484	1,784	0	451	45	340	1,638
East Carolina U.	166	6,791	571	1,805	1,643	77	757	0	566	0	966	406
SUNY, U. Albany	167	6,624	923	2,911	757	137	381	36	392	0	520	567
U. Louisiana, Lafayette	168	6,541	1,958	727	1,428	174	142	0	11	0	1,719	382
Georgetown U.	169	6,527	1,248	0	1,714	53	1,813	474	1,173	0	0	52
South Dakota School of Mines and Technology	170	6,263	145	0	0	0	1,292	0	0	0	4,826	0
Stevens Institute of Technology	171	6,241	1,439	0	0	191	246	0	86	0	4,037	242
U. Massachusetts, Boston	172	6,106	444	316	1,070	0	1,720	751	807	0	474	524
Florida Atlantic U.	173	6,028	1,453	120	1,077	273	357	0	0	0	2,562	186
Howard U.	174	5,937	411	0	1,142	189	805	64	195	0	3,131	0
San Francisco State U.	175	5,871	963	563	2,347	203	114	0	339	538	523	281
U. Memphis	176	5,771	2,378	737	350	375	599	0	155	0	842	335
Western Washington U.	177	5,695	90	1,148	364	342	1,695	8	204	623	421	800
Kent State U.	178	5,691	1,108	158	642	129	1,938	214	271	60	450	721
American U.	179	5,629	6	328	133	73	293	0	370	0	0	4,426
Western Michigan U. and Homer Stryker M.D. School of Medicine	180	5,536	83	166	770	10	487	0	62	73	672	3,213
Baylor C. of Medicine	181	5,527	0	0	5,527	0	0	0	0	0	0	0
Southern Methodist U.	182	5,520	105	260	0	1,060	1,408	0	260	568	986	873
U. South Alabama	183	5,486	559	1,032	506	493	232	0	73	0	1,676	915
Missouri U. of Science and Technology	184	5,360	514	0	24	193	1,322	70	6	0	3,231	0
Jackson State U.	185	5,241	113	0	222	31	3,898	107	158	0	597	115
U. Guam	186	5,195	0	4,551	0	71	0	0	0	0	0	573
Clarkson U.	187	5,081	746	0	124	135	1,010	0	55	0	2,886	125
Texas A&M U.-Corpus Christi	188	4,994	381	2,576	348	35	319	0	294	0	809	232
U. Puerto Rico, Mayaguez	189	4,972	170	156	120	0	466	0	0	0	3,818	242
Rutgers, State U. New Jersey, Newark	190	4,904	152	1,513	411	0	2,066	0	333	0	0	429
San Jose State U.	191	4,847	0	1,694	346	243	1,195	18	67	0	1,174	110
U. Mississippi	192	4,799	107	245	1,307	169	1,911	0	148	0	783	129
California State U., Los Angeles	193	4,755	187	100	805	10	1,309	15	207	0	1,715	407
Morgan State U.	194	4,738	404	29	366	310	735	236	43	0	1,113	1,502
Illinois Institute of Technology	195	4,722	2,064	79	88	354	129	0	7	152	1,849	0
Baylor U.	196	4,529	367	244	831	511	1,816	0	35	0	710	15
Cold Spring Harbor Laboratory	197	4,522	0	0	4,522	0	0	0	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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
California State U., San Bernardino	198	4,485	649	172	150	188	2,761	326	31	0	0	208
U. Denver	199	4,403	0	25	1,131	64	1,081	535	166	84	481	836
Marquette U.	200	4,396	501	0	1,147	303	745	0	0	0	1,423	277
U. Akron	201	4,369	80	131	366	58	1,884	0	0	0	1,785	65
U. Colorado Denver	202	4,345	153	689	370	757	947	0	78	0	963	388
Tuskegee U.	203	4,314	919	0	82	616	2,114	0	0	472	111	0
Villanova U.	204	4,300	59	276	812	107	492	294	0	0	1,425	835
California Polytechnic State U., San Luis Obispo	205	4,267	92	203	381	1,274	1,145	0	29	0	534	609
Miami U.	206	4,056	11	553	1,181	70	1,206	7	0	0	447	581
U. Massachusetts, Dartmouth	207	3,949	592	988	53	292	32	0	10	0	1,047	935
U. North Carolina, Greensboro	208	3,856	107	31	1,422	382	336	117	219	0	0	1,242
U. North Dakota	209	3,841	260	225	1,029	0	987	0	82	24	562	672
U. Nebraska, Omaha	210	3,766	1,224	44	542	513	446	129	25	0	506	337
Southern U. and A&M C., Baton Rouge	211	3,730	107	0	1,057	100	395	0	10	0	1,994	67
U. Maryland Center for Environmental Science	212	3,719	0	1,951	983	0	76	0	172	0	0	537
U. Alaska, Anchorage	213	3,691	4	202	952	0	149	0	612	1,171	274	327
Embry-Riddle Aeronautical U.	214	3,619	981	174	80	604	1,338	0	0	0	442	0
Illinois State U.	215	3,570	104	353	695	197	1,661	0	0	0	0	560
Rowan U.	216	3,562	63	64	387	43	1,048	0	39	139	1,779	0
U. Southern Mississippi	217	3,557	0	924	441	0	1,811	0	14	0	0	367
California State U., Long Beach	218	3,518	165	317	433	265	1,102	130	179	0	674	253
Chicago State U.	219	3,463	0	0	1,984	0	1,479	0	0	0	0	0
Clark Atlanta U.	220	3,377	60	0	297	710	2,115	0	0	0	0	195
Morehouse C.	221	3,350	549	0	280	0	1,131	46	0	1,344	0	0
Northern Illinois U.	222	3,345	270	740	260	78	1,609	113	43	0	72	160
U. Colorado Anschutz Medical Campus	223	3,343	0	0	3,000	0	182	0	0	0	86	75
U. of the District of Columbia	224	3,333	338	0	24	227	0	284	0	0	1,028	1,432
California State Polytechnic U., Pomona	225	3,329	359	0	593	106	1,244	19	82	0	345	581
Loyola U., Chicago	226	3,318	381	0	1,086	25	824	502	141	0	0	359
U. South Dakota	227	3,275	226	0	541	0	1,889	0	8	0	564	47
Bowling Green State U.	228	3,273	153	951	52	39	785	0	0	0	114	1,179
Saint Louis U.	229	3,267	614	215	823	99	482	1	164	0	596	273
U. Tennessee, Chattanooga	230	3,219	512	0	581	193	0	0	7	198	1,589	139

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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
Louisiana Tech U.	231	3,190	0	0	109	242	372	121	22	0	2,126	198
North Carolina Central U.	232	3,164	0	96	41	0	2,394	0	0	0	370	263
Oakland U.	232	3,164	585	0	796	63	930	147	0	0	643	0
South Dakota State U.	234	3,067	0	0	1,783	65	295	0	38	0	495	391
Idaho State U.	235	3,050	255	977	1,381	38	217	0	56	0	1	125
Montclair State U.	236	3,038	316	367	207	456	380	20	87	0	118	1,087
CUNY, Queens C.	237	3,015	209	291	1,137	189	641	0	179	0	0	369
New Mexico Highlands U.	238	3,005	1,095	151	1,505	242	12	0	0	0	0	0
Wake Forest U.	239	2,939	259	0	1,209	269	661	111	80	0	326	24
Norfolk State U.	240	2,931	77	0	54	123	531	0	0	0	1,152	994
CUNY, system office	241	2,901	0	0	45	0	0	0	0	1,683	0	1,173
Teachers C., Columbia U.	242	2,873	1,482	0	124	0	0	0	1,267	0	0	0
Hampton U.	243	2,825	409	928	460	0	376	0	0	0	652	0
Wichita State U.	244	2,787	0	0	215	133	585	0	0	0	1,790	64
U. Toledo	245	2,771	0	166	449	42	928	48	0	0	1,056	82
Tennessee Technological U.	246	2,736	1,526	0	57	0	181	0	0	0	972	0
California State U., Fullerton	247	2,733	285	190	514	157	976	42	25	0	490	54
U. North Carolina, Wilmington	248	2,718	101	1,323	797	32	0	0	103	0	110	252
James Madison U.	249	2,716	7	149	1,027	81	1,164	0	0	0	209	79
U. Tulsa	250	2,712	946	0	227	0	23	0	156	0	1,188	172
Desert Research Institute	251	2,628	0	2,628	0	0	0	0	0	0	0	0
Catholic U. of America	252	2,580	0	0	286	202	1,765	71	0	0	256	0
Ohio U.	253	2,568	0	72	496	0	1,072	35	217	0	382	294
Wesleyan U.	254	2,546	0	223	12	185	531	715	20	0	0	860
U. Minnesota, Duluth	255	2,476	172	388	1,218	67	366	0	165	0	100	0
Kennesaw State U.	256	2,472	378	0	244	166	234	0	84	0	246	1,120
Prairie View A&M U.	257	2,469	127	0	110	40	94	0	74	0	1,808	216
California State U., Chico	258	2,456	0	424	663	0	230	0	0	0	632	507
SUNY, Polytechnic Institute	259	2,448	0	0	389	0	0	0	0	0	2,059	0
U. Colorado Colorado Springs	260	2,438	990	65	97	0	137	6	0	0	391	752
CUNY, Graduate Center	261	2,385	0	15	0	6	659	92	568	301	206	538
Cleveland State U.	262	2,375	0	0	254	73	5	163	0	0	1,339	541
U. Washington, Bothell	263	2,369	195	182	177	75	808	0	0	0	0	932

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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
Carleton C.	264	2,366	117	1,627	127	79	317	0	99	0	0	0
Texas A&M U.-Kingsville	265	2,329	256	0	0	0	0	0	24	0	2,049	0
SUNY, C. of Environmental Science and Forestry	266	2,311	0	289	954	0	267	26	61	0	574	140
Scripps Research Institute	267	2,301	0	0	2,301	0	0	0	0	0	0	0
Spelman C.	268	2,261	6	229	574	195	623	373	257	0	0	4
Barnard C.	269	2,233	135	209	496	0	1,046	284	39	0	0	24
Texas Southern U.	270	2,232	89	0	153	118	1,642	0	0	0	68	162
Rutgers, State U. New Jersey, Camden	271	2,203	2,117	0	0	0	0	0	86	0	0	0
Southern Illinois U., Carbondale	272	2,190	27	892	189	11	688	0	104	21	258	0
Occidental C.	273	2,159	354	187	353	122	446	445	172	0	0	80
Pacific U.	274	2,131	0	0	139	0	34	0	86	0	0	1,872
California State U., Sacramento	275	2,115	134	91	201	26	352	98	62	17	224	910
DePaul U.	276	2,114	768	111	136	136	0	0	78	0	106	779
California State U., Monterey Bay	277	2,096	609	807	157	190	333	0	0	0	0	0
Naval Postgraduate School	278	2,092	0	1,707	0	43	0	0	0	0	209	133
U. Texas Southwestern Medical Center	279	2,091	0	0	2,091	0	0	0	0	0	0	0
California State U., San Marcos	280	2,081	412	0	217	52	177	351	0	543	0	329
Delaware State U.	281	2,039	267	106	1,082	17	195	0	28	0	176	168
California State U., East Bay	282	2,033	0	0	85	0	553	0	150	0	0	1,245
U. Missouri, Kansas City	283	1,990	59	281	49	0	213	0	0	0	729	659
Appalachian State U.	284	1,978	410	396	770	29	293	6	74	0	0	0
U. Michigan, Dearborn	285	1,976	0	0	25	211	169	0	0	0	1,571	0
Tennessee State U.	286	1,899	37	0	733	0	49	129	0	0	439	512
Harvey Mudd C.	287	1,898	476	0	393	251	326	0	0	72	380	0
Amherst C.	288	1,882	104	204	172	731	671	0	0	0	0	0
U. Texas Health Science Center, Houston	289	1,861	0	0	1,861	0	0	0	0	0	0	0
CUNY, Lehman C.	290	1,839	396	0	0	167	726	0	426	0	0	124
California State U., Fresno	291	1,830	87	156	47	514	290	144	1	0	407	184
Pace U.	292	1,824	776	0	42	0	0	0	0	0	102	904
CUNY, Hunter C.	293	1,787	377	10	0	69	658	13	503	0	0	157
CUNY, New York City C. of Technology	294	1,758	145	0	154	151	439	0	0	0	235	634
CUNY, Advanced Science Research Center	295	1,656	0	91	357	0	521	0	0	0	687	0
Fisk U.	296	1,637	713	0	638	52	234	0	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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
Middle Tennessee State U.	297	1,613	312	0	305	221	508	68	0	0	0	199
U. Puerto Rico, Medical Sciences Campus	298	1,579	0	0	1,579	0	0	0	0	0	0	0
U. Arkansas, Little Rock	299	1,575	851	0	325	0	200	0	0	0	0	199
Oregon Health and Science U.	300	1,537	0	0	1,060	0	0	0	0	0	477	0
U. Dayton	301	1,533	0	98	285	61	135	0	0	0	681	273
Xavier U. Louisiana	302	1,520	38	0	260	0	1,042	0	91	0	89	0
CUNY, C. Staten Island	303	1,488	0	0	264	65	356	528	0	0	275	0
Santa Clara U.	303	1,488	0	0	230	8	391	0	41	0	803	15
Smith C.	305	1,485	374	8	198	327	293	0	0	12	273	0
Swarthmore C.	306	1,451	69	0	922	123	228	0	20	0	0	89
Alabama A&M U.	307	1,449	201	0	236	60	302	22	43	0	488	97
Utah Valley U.	308	1,421	0	96	218	159	355	0	0	152	435	6
Central Washington U.	309	1,401	0	962	28	178	233	0	0	0	0	0
U. West Florida	310	1,396	948	0	65	0	0	0	0	0	4	379
Georgia Southern U.	311	1,384	3	42	384	50	304	0	0	3	439	159
Alabama State U.	312	1,376	0	0	1,376	0	0	0	0	0	0	0
Fort Lewis C.	313	1,356	0	0	95	0	633	0	0	0	474	154
U. New Orleans	314	1,341	107	83	129	107	435	0	41	0	439	0
CUNY, Brooklyn C.	315	1,328	163	0	176	71	561	230	45	0	0	82
Florida Institute of Technology	316	1,307	0	568	174	120	107	0	0	0	338	0
Bowdoin C.	317	1,297	53	241	359	92	286	10	8	0	0	248
Hofstra U.	318	1,291	0	161	389	216	24	34	0	0	253	214
Central Michigan U.	319	1,285	0	475	391	16	150	62	20	0	171	0
Colgate U.	320	1,270	75	656	55	71	361	33	19	0	0	0
U. Massachusetts, Medical School	320	1,270	0	0	1,270	0	0	0	0	0	0	0
Tougaloo C.	322	1,257	84	0	521	69	423	51	48	0	0	61
Bucknell U.	323	1,251	109	0	173	118	364	0	0	0	487	0
U. San Diego	324	1,245	0	33	16	309	491	0	0	0	226	170
Winston-Salem State U.	325	1,235	307	0	281	0	439	195	13	0	0	0
Icahn School of Medicine at Mount Sinai	326	1,230	0	0	1,230	0	0	0	0	0	0	0
U. Puget Sound	327	1,224	0	53	1,058	0	86	0	27	0	0	0
Wellesley C.	328	1,215	137	212	343	292	0	0	180	0	0	51
Ball State U.	329	1,196	18	0	428	44	565	62	50	0	0	29

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

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California State U., Channel Islands	330	1,186	0	0	78	377	0	0	118	560	0	53
Bryn Mawr C.	331	1,184	80	40	570	72	360	0	62	0	0	0
U. Arkansas for Medical Sciences	331	1,184	0	0	1,184	0	0	0	0	0	0	0
Sonoma State U.	333	1,180	0	40	283	719	1	57	0	54	26	0
Dakota State U.	334	1,164	1,083	0	81	0	0	0	0	0	0	0
U. Missouri, Saint Louis	335	1,162	63	0	451	120	135	0	190	0	0	203
Virginia State U.	336	1,151	0	0	127	36	47	29	0	0	39	873
Murray State U.	337	1,148	0	298	368	164	318	0	0	0	0	0
Christopher Newport U.	338	1,131	0	0	0	154	977	0	0	0	0	0
U. North Florida	339	1,130	154	0	292	0	427	0	0	0	102	155
Gallaudet U.	340	1,105	324	0	185	40	19	160	42	0	0	335
U. Puerto Rico, Humacao	341	1,104	0	105	55	0	944	0	0	0	0	0
Grinnell C.	342	1,082	129	0	509	0	412	0	18	0	0	14
C. Charleston	343	1,067	241	170	366	0	138	0	0	0	0	152
Northeastern Illinois U.	344	1,064	481	44	73	0	0	0	11	0	0	455
Hope C.	345	1,048	0	0	164	0	527	0	0	0	357	0
Reed C.	346	1,043	i 76 i	0 i	325 i	62 i	390 i	46 i	30 i	0 i	0 i	114 i
Middlebury C.	347	1,035	0	574	280	0	110	0	71	0	0	0
Mount Holyoke C.	348	1,022	113	53	346	173	161	176	0	0	0	0
Fayetteville State U.	349	1,019	i 50 i	0 i	0 i	0 i	183 i	0 i	0 i	0 i	113 i	673 i
U. Northern Iowa	350	1,015	0	0	0	0	39	0	963	13	0	0
CUNY, John Jay C. of Criminal Justice	351	1,006	0	0	180	335	41	149	110	20	0	171
Tarleton State U.	352	991	0	0	0	0	0	37	0	954	0	0
Bates C.	353	990	0	28	909	0	52	0	1	0	0	0
U. Texas M. D. Anderson Cancer Center	354	988	0	0	825	26	127	10	0	0	0	0
Kean U.	355	979	722	0	99	0	0	0	0	0	0	158
Haverford C.	356	960	85	9	147	77	365	272	5	0	0	0
Citadel Military C. South Carolina	357	959	662	0	0	0	25	15	0	0	170	87
Chapman U.	358	953	0	10	249	0	564	0	50	0	43	37
Morehouse School of Medicine	359	952	0	0	952	0	0	0	0	0	0	0
Northwest Indian C.	360	942	i 0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	942 i
Sam Houston State U.	360	942	64	75	124	455	224	0	0	0	0	0
Arkansas State U., Jonesboro	362	931	31	0	637	0	163	0	38	0	62	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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
Clark U.	363	923	30	308	145	0	415	0	25	0	0	0
Bowie State U.	364	906	479	0	427	0	0	0	0	0	0	0
Southern Illinois U., Edwardsville	365	901	0	169	122	0	152	0	126	4	0	328
Purdue U., Northwest	366	896	131	0	0	0	172	0	0	48	545	0
Macalester C.	367	882	0	206	112	55	459	0	0	0	0	50
New York Institute of Technology	368	872	108	0	137	0	164	0	0	0	463	0
U. Alaska, Southeast	369	868	0	205	38	0	0	0	0	526	0	99
Towson U.	370	858	82	107	112	231	326	0	0	0	0	0
Augusta U.	371	856	713	0	29	94	0	0	0	0	0	20
Colby C.	372	855	13	52	412	72	160	8	56	0	0	82
U. Washington, Tacoma	373	850	78	207	0	182	0	0	96	0	0	287
Texas A&M U.-Commerce	374	849	176	0	0	108	565	0	0	0	0	0
Black Hills State U.	375	839	396	0	132	0	113	0	0	0	0	198
Creighton U.	376	835	192	0	127	54	327	21	42	0	0	72
Claremont McKenna C.	377	832	166	4	145	138	82	297	0	0	0	0
C. New Jersey	378	826	211	0	113	65	310	0	24	0	103	0
California State U., Dominguez Hills	378	826	307	0	220	1	0	65	77	0	0	156
Eastern Michigan U.	380	820	0	92	408	131	44	0	11	0	0	134
CUNY, Baruch C.	381	813	0	0	156	515	0	96	0	0	0	46
Florida Gulf Coast U.	382	812	0	775	0	2	9	0	0	0	26	0
Kenyon C.	383	811	0	0	373	0	438	0	0	0	0	0
Trinity U.	383	811	2	164	0	43	432	0	113	0	57	0
East Stroudsburg U. Pennsylvania	385	809	0	0	0	0	0	0	0	0	0	809
St. Olaf C.	386	806	109	73	591	8	25	0	0	0	0	0
Lafayette C.	387	805	0	57	14	105	314	2	0	0	313	0
Texas Woman's U.	388	804	43	0	760	0	1	0	0	0	0	0
Dine C.	389	802	0	0	709	0	0	0	0	0	93	0
U. Hawaii, Maui C.	390	801	0	0	451	0	55	0	0	0	0	295
Colorado State U., Pueblo	391	798	123	0	671	0	0	0	4	0	0	0
U. Northern Colorado	392	794	0	341	31	66	19	0	337	0	0	0
Toyota Technological Institute, Chicago	393	784	784	0	0	0	0	0	0	0	0	0
Furman U.	394	776	0	0	46	0	620	110	0	0	0	0
Seattle U.	395	759	54	10	47	0	198	0	34	0	69	347

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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
Pomona C.	396	755	68	61	143	328	155	0	0	0	0	0
Franklin and Marshall C.	397	752	0	0	249	0	403	100	0	0	0	0
Pennsylvania State U., Behrend	398	736	0	0	0	0	342	1	0	0	184	209
U. Texas Medical Branch	399	735	0	0	735	0	0	0	0	0	0	0
Salisbury U.	400	730	198	0	188	0	0	0	0	0	0	344
Elizabeth City State U.	401	722	58	0	494	0	0	3	0	0	0	167
Lewis and Clark C.	402	714	0	105	449	21	139	0	0	0	0	0
Williams C.	403	713	43	82	264	36	213	26	17	0	0	32
Vassar C.	404	707	26	183	179	157	159	0	3	0	0	0
Rockefeller U.	405	706	0	0	527	0	179	0	0	0	0	0
West Chester U. Pennsylvania	406	705	0	1	83	0	570	0	13	0	0	38
Marshall U.	407	694	265	2	136	0	115	0	43	0	133	0
U.S. Naval Academy	408	681	272	0	0	27	225	0	0	0	157	0
U. Richmond	409	680	0	0	313	5	265	83	14	0	0	0
Oberlin C.	410	678	58	8	195	46	318	53	0	0	0	0
Providence C.	411	673	0	49	465	0	118	0	41	0	0	0
Skidmore C.	412	672	0	16	241	0	353	22	0	0	0	40
U. Hawaii, Hilo	413	671	286	19	253	0	62	0	51	0	0	0
California State U., Stanislaus	414	670	122	0	115	271	30	119	13	0	0	0
Fordham U.	415	647	54	0	350	10	72	79	0	0	0	82
Wright State U.	415	647	69	132	337	0	109	0	0	0	0	0
SUNY, Buffalo State U.	417	645	0	373	0	192	47	0	0	0	0	33
Union C., Schenectady	418	643	4	309	0	24	53	0	0	0	253	0
Fort Valley State U.	419	634	0	70	429	17	118	0	0	0	0	0
Davidson C.	420	629	85	0	164	0	244	0	126	0	0	10
West Texas A&M U.	421	627	192	151	0	0	183	0	0	0	101	0
Langston U.	422	625	0	0	169	21	6	429	0	0	0	0
Saint Joseph's U.	423	624	0	0	412	4	0	0	0	0	0	208
Bentley U.	424	620	8	138	19	0	0	0	7	0	72	376
South Carolina State U.	424	620	92	0	8	0	520	0	0	0	0	0
Butler U.	426	616	0	0	364	0	241	11	0	0	0	0
Coastal Carolina U.	427	602	0	358	137	0	107	0	0	0	0	0
East Tennessee State U.	428	601	0	0	346	19	236	0	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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 Kentucky U.	429	596	0	0	218	0	309	0	0	0	69	0
Texas Christian U.	430	594	83	173	63	1	249	0	0	0	0	25
U. Texas, Tyler	431	593	25	0	196	87	75	0	17	0	168	25
U. Arkansas, Pine Bluff	432	590	0	0	16	0	574	0	0	0	0	0
New School	433	585	0	239	0	0	0	279	23	0	44	0
Texas A&M U.-San Antonio	434	581	107	0	318	27	0	83	46	0	0	0
U. Scranton	435	568	35	327	138	0	68	0	0	0	0	0
Colorado C.	436	567	62	132	141	128	104	0	0	0	0	0
SUNY, Geneseo	437	564	0	0	172	0	392	0	0	0	0	0
St. John's U., New York	438	561	163	0	104	0	205	41	0	0	0	48
Hobart and William Smith Colleges	439	560	0	270	114	0	157	0	0	19	0	0
United Tribes Technical C.	440	559	0	0	559	0	0	0	0	0	0	0
U. Wisconsin-Eau Claire	441	557	0	137	23	22	373	0	2	0	0	0
U. New Haven	442	551	422	49	80	0	0	0	0	0	0	0
Ursinus C.	442	551	0	0	255	120	174	2	0	0	0	0
Roger Williams U.	444	547	0	20	212	0	93	0	0	0	0	222
Dillard U.	445	534	0	33	364	10	8	0	0	35	5	79
Southern Connecticut State U.	445	534	9	0	25	0	345	100	0	0	0	55
U. Wisconsin-Oshkosh	447	533	0	0	91	0	19	0	20	0	0	403
Montana Technological U.	448	524	0	125	59	0	29	0	0	0	311	0
Texas A&M International U.	448	524	0	0	113	49	0	0	0	357	5	0
California State Polytechnic U., Humboldt	450	523	8	54	334	0	54	0	2	0	0	71
Calvin U.	451	515	9	0	49	0	393	0	0	0	64	0
Meharry Medical C.	452	508	508	0	0	0	0	0	0	0	0	0
Western Kentucky U.	453	506	0	27	67	0	247	84	0	0	72	9
Arcadia U.	454	503	0	0	0	0	0	0	0	0	0	503
Lincoln U., Jefferson City	454	503	0	0	212	0	0	0	0	291	0	0
Lamar U.	456	495	62	0	35	0	224	0	0	0	153	21
Milwaukee School of Engineering	457	492	75	0	234	0	0	0	0	0	183	0
Nevada State C.	457	492	0	26	257	0	0	209	0	0	0	0
Southeastern Louisiana U.	459	489	0	0	356	0	128	0	0	0	5	0
Long Island U.	460	487	36	0	250	0	201	0	0	0	0	0
Youngstown State U.	461	484	62	0	0	98	67	0	0	0	257	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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
Duquesne U.	462	476	0	0	105	50	259	0	0	0	52	10
U. of the Pacific	463	473	0	221	174	0	78	0	0	0	0	0
C. Wooster	464	470	0	154	0	56	260	0	0	0	0	0
U.S. Army War C.	465	467	i 0 i	0 i	0 i	0 i	0 i	0 i	467 i	0 i	0 i	0 i
Albany State U.	466	462	0	0	26	60	108	0	60	188	20	0
U. San Francisco	467	461	88	186	114	0	0	0	73	0	0	0
Medical C. Wisconsin	468	446	0	0	138	0	0	0	0	0	308	0
California State U., Bakersfield	469	438	0	68	0	64	98	10	0	0	128	70
Minnesota State U., Mankato	470	436	17	138	223	58	0	0	0	0	0	0
SUNY, Oswego	471	429	0	253	70	0	18	0	0	0	88	0
Whitman C.	472	425	0	121	59	0	234	0	11	0	0	0
Medical U. South Carolina	473	423	i 0 i	0 i	423 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i
Sacred Heart U.	473	423	92	0	5	70	53	0	0	0	0	203
U. Texas Health Science Center, San Antonio	475	422	0	0	422	0	0	0	0	0	0	0
Mercer U.	476	421	6	0	0	0	18	0	39	0	0	358
Seton Hall U.	477	420	0	0	0	0	420	0	0	0	0	0
Yeshiva U.	478	419	0	0	0	0	419	0	0	0	0	0
Franklin W. Olin C. of Engineering	479	415	0	0	0	0	0	0	0	0	415	0
Gettysburg C.	480	412	0	0	39	0	39	0	334	0	0	0
Northeast Ohio Medical U.	481	409	0	115	46	0	0	0	248	0	0	0
Alaska Pacific U.	482	406	0	325	0	0	0	0	0	0	0	81
Philadelphia C. of Osteopathic Medicine	482	406	0	0	406	0	0	0	0	0	0	0
U. North Carolina, Asheville	484	403	15	63	81	0	58	0	0	0	0	186
Grand Valley State U.	485	391	2	154	186	0	11	38	0	0	0	0
Texas Tech U., Health Sciences Center	486	390	0	0	360	0	0	0	0	0	0	30
Gustavus Adolphus C.	487	383	0	13	20	0	247	0	0	0	0	103
Ithaca C.	488	379	70	0	0	85	185	0	39	0	0	0
Pepperdine U.	489	378	0	0	109	0	0	0	0	0	0	269
Stephen F. Austin State U.	489	378	0	0	41	337	0	0	0	0	0	0
Ferris State U.	491	376	0	0	107	252	17	0	0	0	0	0
U. Virginia's C. Wise	491	376	213	6	139	0	18	0	0	0	0	0
Western Carolina U.	491	376	0	19	178	72	0	0	0	0	65	42
U. New England	494	374	0	145	229	0	0	0	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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 Washington U.	495	368	0	0	222	0	75	0	0	0	71	0
U. Central Oklahoma	496	367	i 41	i 0	i 80	i 31	i 96	i 6	i 1	i 0	i 65	i 47
Claflin U.	497	365	0	52	95	0	61	0	94	0	63	0
Central State U.	498	364	0	8	27	59	82	0	0	124	64	0
Northland C.	499	362	i 0	i 58	i 218	i 38	i 0	i 19	i 8	i 0	i 0	i 21
Willamette U.	500	359	0	123	143	0	47	46	0	0	0	0
Lawrence Technological U.	501	356	0	0	0	127	57	0	0	0	172	0
U. Nebraska, Kearney	501	356	0	0	46	0	287	0	0	0	0	23
U. Detroit Mercy	503	352	6	0	314	0	13	0	0	0	19	0
U. Wisconsin-River Falls	504	348	0	0	0	0	348	0	0	0	0	0
Hamilton C.	505	346	33	126	26	0	47	0	114	0	0	0
Trinity C., Hartford	506	341	26	0	0	0	143	172	0	0	0	0
Western New England U.	506	341	76	0	0	35	0	0	0	0	230	0
Winthrop U.	508	337	97	0	0	0	119	0	0	0	0	121
CUNY, York C.	509	336	0	82	0	254	0	0	0	0	0	0
U. Central Arkansas	510	333	128	0	172	7	26	0	0	0	0	0
U. Houston-Downtown	511	331	249	0	72	5	5	0	0	0	0	0
Savannah State U.	512	328	0	72	0	0	85	0	56	41	74	0
U. North Georgia	513	319	27	93	24	16	49	0	0	0	0	110
Benedict C.	514	316	108	0	4	128	8	0	0	0	68	0
St. Cloud State U.	515	298	0	0	0	0	0	0	0	0	0	298
Marymount U.	516	293	227	0	66	0	0	0	0	0	0	0
Indiana U. Pennsylvania	517	292	0	103	107	0	65	17	0	0	0	0
U. of St. Thomas (MN)	518	291	0	5	99	0	43	0	0	0	132	12
Loyola Marymount U.	519	289	52	8	229	0	0	0	0	0	0	0
Pittsburg State U.	519	289	0	0	21	0	0	0	0	0	268	0
Austin Peay State U.	521	287	0	0	204	0	83	0	0	0	0	0
U. Maryland, Eastern Shore	521	287	0	137	150	0	0	0	0	0	0	0
Indiana U., South Bend	523	285	0	0	0	0	194	0	0	91	0	0
Saginaw Valley State U.	524	284	i 79	i 0	i 51	i 0	i 0	i 0	i 1	i 0	i 0	i 153
Midwestern U.	525	276	0	0	276	0	0	0	0	0	0	0
Hawaii Pacific U.	526	271	140	131	0	0	0	0	0	0	0	0
Marian U., Indianapolis	527	269	0	0	134	3	0	0	0	131	0	1

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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
Missouri State U.	528	266	0	120	12	0	1	57	76	0	0	0
Pennsylvania State U., Harrisburg	529	258	13	39	44	15	91	0	0	0	56	0
Drake U.	530	254	0	0	35	73	146	0	0	0	0	0
U. Southern Maine	531	253	0	131	46	29	0	0	47	0	0	0
Van Andel Research Institute	532	251	0	0	251	0	0	0	0	0	0	0
SUNY, Downstate Health Sciences U.	533	231	0	0	231	0	0	0	0	0	0	0
Alfred U.	534	228	0	0	0	0	0	0	0	0	228	0
Lincoln U.	534	228	96	0	132	0	0	0	0	0	0	0
Northern Kentucky U.	536	227	0	0	0	97	0	0	0	0	0	130
Lipscomb U.	537	226	0	0	0	0	0	0	0	0	76	150
CUNY, Graduate School of Public Health and Health Policy	538	218	0	0	218	0	0	0	0	0	0	0
Claremont Graduate U.	539	212	0	0	0	109	0	3	100	0	0	0
Keck Graduate Institute	540	204	0	0	204	0	0	0	0	0	0	0
Nova Southeastern U.	541	200	107	24	0	0	0	69	0	0	0	0
Oregon Institute of Technology	542	199	61	4	69	29	0	4	0	0	32	0
Northern Michigan U.	543	192	8	73	111	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	544	190	25	0	0	2	105	0	58	0	0	0
Wheaton C., Wheaton	545	186	0	105	0	0	81	0	0	0	0	0
Eastern Connecticut State U.	546	182	0	0	29	0	0	0	13	0	0	140
Bryant U.	547	176	0	4	90	82	0	0	0	0	0	0
Florida Polytechnic U.	548	174	1	0	0	0	0	0	0	0	129	44
U. Texas of the Permian Basin	548	174	0	69	27	0	0	0	0	0	0	78
Connecticut C.	550	170	0	0	128	0	0	42	0	0	0	0
Robert Morris U.	550	170	130	0	0	0	0	0	0	0	0	40
U. North Texas, Health Science Center	552	164	0	0	164	0	0	0	0	0	0	0
St. Edward's U.	553	154	0	44	110	0	0	0	0	0	0	0
Monmouth U.	554	153	0	0	122	0	31	0	0	0	0	0
U. Wisconsin-Green Bay	555	152	20	20	21	6	28	2	3	0	44	8
West Virginia State U.	555	152	0	0	152	0	0	0	0	0	0	0
U. of Mary Washington	557	149	0	18	78	0	53	0	0	0	0	0
Fairfield U.	558	145	57	0	0	80	8	0	0	0	0	0
Morehead State U.	558	145	0	0	145	0	0	0	0	0	0	0
U. of the Incarnate Word	558	145	10	6	0	0	129	0	0	0	0	0

TABLE 64

Federally financed higher education R&D expenditures, financed by the National Science Foundation, ranked by NSF R&D expenditures, by R&D field: FY 2023

(Dollars in thousands)

Institution	Rank	NSF 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			
Johnson C. Smith U.	593	43	43	0	0	0	0	0	0	0	0	0			
Albion C.	594	42	0	23	0	0	19	0	0	0	0	0			
SUNY, Upstate Medical U.	595	41	0	0	41	0	0	0	0	0	0	0			
Western Illinois U.	596	39	0	0	0	0	39	0	0	0	0	0			
Air Force Institute of Technology	597	35	0	0	0	0	0	0	0	0	35	0			
Touro U., California	598	28	0	0	28	0	0	0	0	0	0	0			
U.S. Air Force Academy	599	27	0	0	0	27	0	0	0	0	0	0			
C. of Saint Benedict	600	26	i	3	i	0	i	8	i	2	i	10	i	1	i
Pennsylvania State U., Altoona	600	26	0	0	0	0	0	0	0	0	0	26	0		
Radford U.	602	24	0	0	24	0	0	0	0	0	0	0			
Central Connecticut State U.	603	22	0	0	0	0	11	0	0	0	0	11			
U. South Carolina, Aiken	604	21	0	21	0	0	0	0	0	0	0	0			
Babson C.	605	18	0	0	0	0	0	0	0	0	0	18			
Oklahoma State U., Center for Health Sciences	605	18	0	0	18	0	0	0	0	0	0	0			
U. Illinois, Springfield	605	18	0	0	0	0	0	0	0	0	0	18			
Merrimack C.	608	16	0	0	0	16	0	0	0	0	0	0			
Thomas Jefferson U.	609	15	0	0	15	0	0	0	0	0	0	0			
U. Louisiana, Monroe	609	15	0	15	0	0	0	0	0	0	0	0			
Virginia Military Institute	611	13	0	0	0	0	13	0	0	0	0	0			
Albert Einstein C. of Medicine	612	9	0	0	9	0	0	0	0	0	0	0			
Louisiana State U., Health Sciences Center, Shreveport	612	9	0	0	9	0	0	0	0	0	0	0			
Marshall B. Ketchum U.	612	9	i	0	i	0	i	9	i	0	i	0	i		
Azusa Pacific U.	615	7	0	0	0	0	0	0	0	0	7	0			
Lake Superior State U.	615	7	0	0	0	0	7	0	0	0	0	0			
Western U. of Health Sciences	617	5	0	0	5	0	0	0	0	0	0	0			
Des Moines U.	618	4	0	2	2	0	0	0	0	0	0	0			
U. Wisconsin-Superior	618	4	0	0	0	0	4	0	0	0	0	0			
Eastern Virginia Medical School	620	1	0	0	1	0	0	0	0	0	0	0			
Edward Via C. of Osteopathic Medicine	620	1	0	0	1	0	0	0	0	0	0	0			

i = imputed.

NSF = National Science Foundation; 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 \$2,170 thousand in R&D expenditures financed by NSF in FY 2023.

^c The University of Nebraska, Lincoln and Medical Center includes expenditures from the University of Nebraska, Lincoln; University of Nebraska, Medical Center; and University of Nebraska, Central Administration campuses. Due to a realignment within the University of Nebraska system that occurred on 22 June 2023, the three campuses fall under the leadership of one president. Prior to FY 2023, these three campuses reported to the survey as separate institutions.

Note(s):

Institutions reporting zero expenditures in ranked total for FY 2023 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 2023.