



Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
California Polytechnic State U., San Luis Obispo	1,031	536.1	i	192	85.6	i	839	450.5	i	0	0.0	
California State Polytechnic U., Humboldt	657	132.4		78	13.5		189	52.5		390	66.4	
California State Polytechnic U., Pomona	712	224.4	i	187	77.0		76	18.0		449	129.4	i
California State U., Bakersfield	41	15.8		21	5.0		20	10.8		0	0.0	
California State U., Channel Islands	111	16.0		70	8.4		38	6.3		3	1.3	
California State U., Chico	309	128.2	i	108	48.0	i	136	61.3	i	65	18.9	i
California State U., Dominguez Hills	154	74.8		30	12.5		89	44.8		35	17.5	
California State U., East Bay	394	166.0	i	236	105.2	i	94	42.3	i	64	18.5	i
California State U., Fresno	468	192.0	i	171	76.1	i	188	84.5	i	109	31.4	i
California State U., Fullerton	875	142.4		566	121.5		287	18.1		22	2.8	
California State U., Long Beach	688	100.7		129	21.4		413	49.4		146	29.9	
California State U., Los Angeles	617	55.0		495	25.0		62	15.0		60	15.0	
California State U., Monterey Bay	202	49.4		64	15.9		93	25.1		45	8.4	
California State U., Northridge	578	252.7	i	162	72.2	i	376	169.0	i	40	11.5	i
California State U., Sacramento	663	295.0	i	659	293.8	i	NA	NA		4	1.2	i
California State U., San Bernardino	247	41.1		39	5.1		14	3.2		194	32.8	
California State U., San Marcos	327	149.1		131	41.5		168	87.8		28	19.8	
California State U., Stanislaus	139	12.8		35	4.1		102	8.7		2	0.0	
Naval Postgraduate School	539	236.8	i	382	170.3	i	132	59.3	i	25	7.2	i
San Diego State U.	3,333	1,455.9	i	1,720	766.8	i	1,390	624.8	i	223	64.3	i
San Francisco State U.	944	479.3		296	151.3		622	318.0		26	10.0	
San Jose State U.	1,114	203.5		302	96.5		154	17.6		658	89.4	
Sonoma State U.	194	85.7	i	57	25.4	i	129	58.0	i	8	2.3	i
U. California, Berkeley	9,902	3,641.3		5,738	2,384.9		858	468.6		3,306	787.8	
U. California, Davis	10,323	4,179.7		5,193	2,207.5		1,938	1,211.2		3,192	761.0	
U. California, Irvine	4,899	1,685.6		3,573	1,243.9		683	298.0		643	143.7	
U. California, Los Angeles	12,189	4,854.9		6,209	2,229.9		3,079	1,532.4		2,901	1,092.6	
U. California, Merced	1,156	310.0		798	248.4		29	12.7		329	48.9	
U. California, Office of the President	479	175.0		79	14.7		90	28.3		310	132.0	
U. California, Riverside	2,764	958.4		1,722	659.9		277	143.6		765	154.9	
U. California, San Diego	14,805	5,956.0		6,759	2,908.0		3,644	2,058.0		4,402	990.0	
U. California, San Francisco	8,811	3,969.6		4,807	2,034.1		2,827	1,540.5		1,177	395.0	
U. California, Santa Barbara	3,374	1,178.4		2,017	796.9		334	154.0		1,023	227.5	
U. California, Santa Cruz	2,503	793.7		1,481	576.2		190	81.9		832	135.6	
Private												
Azusa Pacific U.	126	30.0		119	26.0		0	0.0		7	4.0	
Biola U.	269	186.3	i	172	126.7	i	69	41.1	i	28	18.5	i

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
California Institute of Technology	3,150	2,281.4	i	2,831	2,080.9	i	136	81.5	i	183	119.0	i
California Lutheran U.	74	25.2		70	23.7		1	0.3		3	1.2	
Chapman U.	477	86.2		113	29.4		30	7.1		334	49.7	
Charles R. Drew U. of Medicine and Science	105	73.1	i	68	50.0	i	15	8.8	i	22	14.3	i
Claremont Graduate U.	208	132.7		21	8.6		112	78.8		75	45.3	
Claremont McKenna C.	603	70.0		115	24.6		368	21.3		120	24.1	
Harvey Mudd C.	81	14.0		39	4.9		42	9.1		0	0.0	
High Tech High Graduate School of Ed.	26	19.0		17	13.0		0	0.0		9	6.0	
Keck Graduate Institute	86	51.0		69	46.0		12	1.0		5	4.0	
La Sierra U.	144	96.6	i	63	46.3	i	52	31.2	i	29	19.1	i
Loma Linda U.	341	67.0		261	38.0		73	26.0		7	3.0	
Loyola Marymount U.	720	95.1		296	39.1		186	42.1		238	13.9	
National U.	169	49.8		9	2.9		156	44.4		4	2.5	
Occidental C.	124	25.0		40	11.6		67	10.4		17	3.0	
Pepperdine U.	310	227.9	i	310	227.9	i	NA	NA		NA	NA	
Pomona C.	196	13.2		55	3.0		141	10.2		0	0.0	
Santa Clara U.	287	194.0	i	134	98.7	i	84	50.2	i	69	45.1	i
Scripps Research Institute	1,587	1,507.8		181	158.6		1,210	1,182.6		196	166.6	
Stanford U.	11,712	7,692.9	i	4,519	3,321.6	i	4,904	2,882.7	i	2,289	1,488.6	i
Touro U., California	22	13.2		5	1.0		17	12.2		0	0.0	
U. of the Pacific	76	30.0		13	3.0		28	12.0		35	15.0	
U. San Diego	357	49.0		161	30.1		163	15.6		33	3.3	
U. San Francisco	308	198.7	i	84	61.7	i	169	101.0	i	55	36.0	i
U. Southern California	10,052	4,283.2		1,627	690.6		4,832	2,370.6		3,593	1,222.0	
Western U. of Health Sciences	108	46.7		24	7.9		84	38.8		0	0.0	
Colorado												
Public												
Colorado School of Mines	1,944	1,228.0		379	288.0		1,179	722.0		386	218.0	
Colorado State U., Fort Collins	2,377	957.6		2,186	893.7		34	18.7		157	45.2	
Colorado State U., Pueblo	131	54.5	i	57	25.5	i	47	21.3	i	27	7.7	i
Fort Lewis C.	346	141.6	i	51	8.0		286	128.6	i	9	5.0	
U. Colorado Anschutz Medical Campus	6,687	4,166.0		2,428	1,615.0		2,791	1,889.0		1,468	662.0	
U. Colorado Boulder	5,421	4,285.6		1,954	1,859.6		3,054	2,173.9		413	252.1	
U. Colorado Colorado Springs	63	45.0		10	7.0		14	3.0		39	35.0	
U. Colorado Denver	835	238.1		252	77.8		338	135.9		245	24.4	
U. Northern Colorado	315	132.1	i	169	75.3	i	91	40.9	i	55	15.9	i
U.S. Air Force Academy	300	59.0		300	59.0		NA	NA		NA	NA	

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
Private												
Colorado C.	54	35.5	i	23	16.9	i	31	18.6	i	0	0.0	i
U. Denver	1,064	907.4		271	227.5		770	659.4		23	20.5	
Connecticut												
Public												
Eastern Connecticut State U.	71	6.1		37	5.0		34	1.1		0	0.0	
Southern Connecticut State U.	209	54.0		107	41.0		85	8.0		17	5.0	
U. Connecticut	4,346	1,288.3		1,137	272.5		2,966	923.5		243	92.3	
Private												
Connecticut C.	34	5.2		14	1.7		1	1.0		19	2.5	
Fairfield U.	244	160.5	i	102	75.0	i	135	80.9	i	7	4.6	i
Hartford International U. for Religion and Peace	277	188.7	i	148	109.1	i	80	48.0	i	49	31.6	i
Sacred Heart U.	165	20.0		165	20.0		NA	NA		NA	NA	
Trinity C., Hartford	206	52.4		44	25.3		162	27.1		0	0.0	
U. Hartford	87	14.2		78	12.0		0	0.0		9	2.2	
U. New Haven	206	41.0		97	16.0		87	8.0		22	17.0	
Wesleyan U.	296	193.5	i	67	49.2	i	89	53.3	i	140	91.0	i
Yale U.	7,606	2,899.6		4,222	2,115.5		2,129	564.1		1,255	220.0	
Delaware												
Public												
Delaware State U.	171	88.9		156	74.7		8	7.4		7	6.8	
U. Delaware	4,310	2,434.0		799	678.0		2,147	1,074.0		1,364	682.0	
District of Columbia												
Public												
National Defense U.	28	24.0		24	22.0		0	0.0		4	2.0	
U. of the District of Columbia	30	5.0		30	5.0		NA	NA		NA	NA	
Private												
American U.	1,341	924.0		149	30.0		929	697.0		263	197.0	
Catholic U. of America	352	246.4		166	115.6		170	117.2		16	13.6	
Gallaudet U.	117	37.4		89	26.0		20	5.3		8	6.1	
George Washington U.	3,119	1,199.4		831	431.2		605	418.4		1,683	349.8	
Georgetown U.	3,505	1,417.8		679	358.7		1,401	622.5		1,425	436.6	
Howard U.	1,163	629.5		339	196.4		418	233.0		406	200.1	
Florida												
Public												
Florida A&M U.	3,797	629.3		105	39.5		218	40.7		3,474	549.1	
Florida Atlantic U.	1,395	721.3		342	270.3		846	433.9		207	17.1	



Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
Public												
U. Hawaii, Hilo	153	72.0		17	7.5		65	24.8		71	39.7	
U. Hawaii, Manoa	3,596	1,977.1		735	484.8		2,309	1,146.2		552	346.1	
U. Hawaii, Maui C.	48	11.3		39	6.2		4	2.3		5	2.8	
U. Hawaii, system office	45	37.3		9	9.0		14	7.9		22	20.4	
Private												
Hawaii Pacific U.	75	28.8		50	12.5		15	11.3		10	5.0	
Idaho												
Public												
Boise State U.	843	346.0	i	308	137.2	i	339	152.3	i	196	56.5	i
Idaho State U.	877	360.0	i	320	142.7	i	353	158.5	i	204	58.8	i
U. Idaho	2,603	1,793.7		664	597.6		982	689.3		957	506.8	
Illinois												
Public												
Chicago State U.	150	60.4	i	56	24.8	i	53	23.8	i	41	11.8	i
Illinois State U.	791	349.1	i	473	210.7	i	189	101.3	i	129	37.1	i
Northeastern Illinois U.	33	9.8		23	4.8		1	0.5		9	4.5	
Northern Illinois U.	946	210.2		653	110.1		19	16.8		274	83.3	
Southern Illinois U., Carbondale	1,026	425.4	i	440	196.1	i	403	176.6	i	183	52.7	i
Southern Illinois U., Edwardsville	83	16.5		29	3.6		41	8.8		13	4.1	
U. Illinois, Chicago	6,862	2,214.5		2,316	729.7		2,979	962.6		1,567	522.2	
U. Illinois, Springfield	83	31.4		16	4.0		36	16.7		31	10.7	
U. Illinois, Urbana-Champaign	20,171	8,337.0		1,775	1,394.0		13,576	6,274.0		4,820	669.0	
Western Illinois U.	175	70.8	i	65	29.0	i	62	28.0	i	48	13.8	i
Private												
DePaul U.	191	63.2		107	26.0		26	8.3		58	28.9	
Erikson Institute	33	14.0		9	4.0		19	7.0		5	3.0	
Illinois C. of Optometry	9	6.8		7	5.0		0	0.0		2	1.8	
Illinois Institute of Technology	662	464.6	i	227	166.9	i	407	279.5	i	28	18.2	i
Loyola U., Chicago	1,110	720.9	i	279	205.1	i	393	231.0	i	438	284.8	i
Midwestern U.	521	131.1		31	3.3		490	127.8		0	0.0	
National Louis U.	149	29.0		149	29.0		0	0.0		0	0.0	
Northwestern U.	9,652	4,367.0		3,692	2,483.5		2,589	997.3		3,371	886.2	
Roosevelt U.	28	20.6	i	28	20.6	i	0	0.0	i	0	0.0	i
Rosalind Franklin U. of Medicine and Science	150	87.0		120	65.0		22	16.0		8	6.0	
Rush U.	1,058	629.6		315	112.4		637	454.1		106	63.1	
Toyota Technological Institute, Chicago	68	28.9		68	28.9		0	0.0		0	0.0	

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions		Researchers		R&D technicians		R&D support staff	
	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs
U. Chicago	5,848	2,728.0	4,333	1,959.0	786	545.0	729	224.0
Wheaton C., Wheaton	97	16.3	92	15.0	3	0.5	2	0.8
Indiana								
Public								
Ball State U.	597	114.3	149	10.1	407	93.3	41	10.9
Indiana State U.	182	57.1	10	4.5	19	8.5	153	44.1
Indiana U., Bloomington	8,825	3,565.0	2,548	1,215.5	6,158	2,291.0	119	58.5
Indiana U., South Bend	324	28.8	31	2.5	131	11.9	162	14.4
Indiana U.-Purdue U., Indianapolis	1,779	445.2	485	137.9	1,284	303.5	10	3.8
Purdue U., Fort Wayne	130	22.5	63	14.5	0	0.0	67	8.0
Purdue U., Northwest	311	45.6	136	21.3	7	2.4	168	21.9
Purdue U., West Lafayette	13,397	3,532.0	9,155	2,735.5	671	317.2	3,571	479.3
Private								
Butler U.	104	18.0	37	6.0	67	12.0	0	0.0
Marian U., Indianapolis	274	34.1	211	25.2	58	4.5	5	4.4
U. Notre Dame	4,191	2,599.7	490	360.2	3,279	1,965.1	422	274.4
Valparaiso U.	63	7.1	21	2.6	22	2.3	20	2.2
Iowa								
Public								
Iowa State U.	5,098	1,625.3	923	384.0	2,548	1,010.8	1,627	230.5
U. Iowa	7,115	2,648.6	1,216	542.1	2,713	1,188.3	3,186	918.2
U. Northern Iowa	240	32.0	39	6.5	52	15.4	149	10.1
Private								
Des Moines U.	177	31.3	90	17.5	7	7.0	80	6.8
Drake U.	97	62.6	20	14.7	43	25.8	34	22.1
Grinnell C.	369	54.0	68	27.0	301	27.0	0	0.0
Palmer C. of Chiropractic, Davenport	12	11.3	6	5.8	0	0.0	6	5.5
Kansas								
Public								
Kansas State U.	3,112	2,178.0	1,313	757.0	1,733	1,383.0	66	38.0
Pittsburg State U.	204	82.5	76	33.8	72	32.6	56	16.1
U. Kansas	5,595	2,120.8	1,598	703.5	3,022	958.0	975	459.3
Wichita State U.	2,705	1,287.5	270	89.3	2,435	1,198.2	NA	NA
Kentucky								
Public								
Eastern Kentucky U.	107	79.0	60	50.0	7	5.0	40	24.0
Kentucky State U.	223	145.0	73	51.0	54	37.0	96	57.0

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions		Researchers		R&D technicians		R&D support staff	
	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs
Morehead State U.	23	6.7	13	3.0	7	2.7	3	1.0
Murray State U.	117	20.7	16	2.9	98	16.0	3	1.8
Northern Kentucky U.	200	85.8	59	26.3	117	52.6	24	6.9
U. Kentucky	5,670	2,278.5	2,020	900.4	2,178	953.8	1,472	424.3
U. Louisville	2,435	1,681.0	951	494.0	1,277	1,047.0	207	140.0
Western Kentucky U.	248	152.0	64	58.0	2	1.5	182	92.5
Louisiana								
Public								
Louisiana State U., Baton Rouge	5,033	2,250.5	1,127	370.0	603	518.0	3,303	1,362.5
Louisiana State U., Health Sciences Center, New Orleans	649	562.0	238	222.0	311	268.0	100	72.0
Louisiana State U., Health Sciences Center, Shreveport	386	177.6	182	86.3	68	39.1	136	52.2
Louisiana Tech U.	466	225.5	424	196.3	26	17.2	16	12.0
Nicholls State U.	35	30.3	16	14.0	18	16.0	1	0.3
Northwestern State U. Louisiana	131	54.1	57	25.4	47	21.1	27	7.6
Southeastern Louisiana U.	116	42.7	17	6.5	28	11.8	71	24.4
Southern U. and A&M C., Agricultural Research and Extension Center	97	64.5	31	21.4	43	27.6	23	15.5
Southern U. and A&M C., Baton Rouge	165	69.3	84	37.4	53	23.8	28	8.1
U. Louisiana, Lafayette	1,734	1,412.0	289	246.0	1,100	954.0	345	212.0
U. Louisiana, Monroe	65	10.4	15	4.2	50	6.2	0	0.0
U. New Orleans	328	270.5	191	189.4	110	57.1	27	24.0
Private								
Dillard U.	20	11.0	12	4.0	0	0.0	8	7.0
Tulane U.	1,455	1,098.9	442	219.1	1,013	879.8	NA	NA
Xavier U. Louisiana	301	107.7	80	36.0	185	52.9	36	18.8
Maine								
Public								
U. Maine	2,402	1,099.8	1,261	578.2	606	293.5	535	228.1
U. Southern Maine	385	160.3	152	67.8	157	70.7	76	21.8
Private								
Bates C.	58	39.2	32	23.5	25	15.0	1	0.7
Bowdoin C.	84	10.5	28	3.1	11	6.2	45	1.2
Colby C.	120	28.0	41	9.0	2	1.0	77	18.0
U. New England	84	54.3	33	24.3	51	30.0	0	0.0
Maryland								
Public								
Bowie State U.	147	37.0	53	13.0	0	0.0	94	24.0
Morgan State U.	748	229.7	221	77.6	42	18.2	485	133.9

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions		Researchers		R&D technicians		R&D support staff		
	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	
Salisbury U.	327	93.7	40	10.4	0	0.0	287	83.3	
Towson U.	805	360.6	i 357	i 159.2	i 448	i 201.4	0	0.0	i
U. Baltimore	57	18.2	i 11	i 4.9	i 0	i 0.0	46	13.3	i
U. Maryland <sup>a</sup>	15,543	8,037.4	2,763	1,716.7	8,053	4,412.1	4,727	1,908.6	
U. Maryland Center for Environmental Science	427	328.9	64	58.7	192	135.1	171	135.1	
U. Maryland, Baltimore County	1,888	847.7	i 258	i 115.0	i 1,630	i 732.7	NA	NA	
U. Maryland, Eastern Shore	75	51.0	38	20.0	13	13.0	24	18.0	
U.S. Naval Academy	115	40.3	115	40.3	0	0.0	0	0.0	
Uniformed Services U. of the Health Sciences	439	i 160.9	i 207	i 92.1	i 31	i 10.8	i 201	i 58.0	i
Private									
Johns Hopkins U. <sup>b</sup>	20,176	13,813.4	10,255	8,246.0	7,764	3,822.0	2,157	1,745.4	
Loyola U., Maryland	274	i 187.3	i 147	i 108.3	i 79	i 47.6	i 48	i 31.4	i
Massachusetts									
Public									
U. Massachusetts, Amherst	3,338	i 1,356.5	i 1,189	i 530.3	i 1,282	i 576.4	i 867	i 249.8	i
U. Massachusetts, Boston	1,333	363.9	365	129.4	763	183.1	205	51.4	
U. Massachusetts, Dartmouth	585	347.3	176	162.1	17	17.0	392	168.2	
U. Massachusetts, Lowell	1,349	803.2	273	251.7	922	472.0	154	79.5	
U. Massachusetts, Medical School	3,118	2,577.8	1,477	1,102.5	1,066	962.0	575	513.3	
Private									
Amherst C.	417	i 278.3	i 163	i 120.0	i 131	i 78.5	i 123	i 79.8	i
Babson C.	191	i 127.7	i 83	i 61.2	i 69	i 41.3	i 39	i 25.2	i
Bentley U.	191	18.8	159	15.0	30	2.7	2	1.1	
Boston C.	992	684.0	i 187	i 137.4	i 631	i 433.4	i 174	i 113.2	i
Boston U.	5,155	4,711.2	1,935	1,791.5	2,022	1,768.4	1,198	1,151.3	
Brandeis U.	1,476	1,073.0	367	169.0	176	138.0	933	766.0	
Clark U.	117	29.2	44	12.0	57	11.1	16	6.1	
Franklin W. Olin C. of Engineering	83	5.2	22	2.1	61	3.1	0	0.0	
Harvard U.	7,231	2,897.2	3,421	1,827.2	1,502	580.0	2,308	490.0	
Massachusetts Institute of Technology	9,120	6,466.3	i 7,078	i 5,202.5	i 1,258	i 753.9	i 784	i 509.9	i
Merrimack C.	87	16.4	46	6.5	38	7.5	3	2.4	
MGH Institute of Health Professions	67	43.0	55	38.0	0	0.0	12	5.0	
Mount Holyoke C.	65	16.0	56	11.2	3	2.5	6	2.3	
New England C. of Optometry	139	i 97.0	i 67	i 49.2	i 29	i 20.1	i 43	i 27.7	i
Northeastern U.	3,229	2,078.4	590	555.3	1,108	389.3	1,531	1,133.8	
Smith C.	369	42.9	117	19.4	252	23.5	0	0.0	
Suffolk U.	30	9.5	8	2.3	4	0.5	18	6.7	

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions		Researchers		R&D technicians		R&D support staff	
	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs
Tufts U.	3,700	1,132.8	855	477.8	268	177.2	2,577	477.8
Wellesley C.	304	50.0	67	13.8	21	11.5	216	24.7
Western New England U.	279	184.0	109	80.1	129	77.1	41	26.8
Williams C.	201	140.0	124	91.4	32	19.1	45	29.5
Woods Hole Oceanographic Institution	847	467.1	306	189.6	415	244.3	126	33.2
Worcester Polytechnic Institute	1,007	314.0	307	139.0	654	156.0	46	19.0
Michigan								
Public								
Central Michigan U.	579	255.6	253	112.8	326	142.8	0	0.0
Eastern Michigan U.	186	81.0	32	4.0	0	0.0	154	77.0
Ferris State U.	106	10.5	106	10.5	0	0.0	0	0.0
Grand Valley State U.	314	141.6	171	76.4	96	51.8	47	13.4
Lake Superior State U.	102	25.2	12	3.8	80	18.1	10	3.3
Michigan State U.	8,644	3,474.2	2,421	987.2	3,146	1,394.1	3,077	1,092.9
Michigan Technological U.	1,409	628.1	297	132.4	1,086	488.2	26	7.5
Northern Michigan U.	76	16.0	45	12.0	31	4.0	0	0.0
Oakland U.	501	142.7	189	39.5	302	93.2	10	10.0
Saginaw Valley State U.	237	96.0	137	60.9	39	17.5	61	17.6
U. Michigan, Ann Arbor	24,590	9,284.4	8,532	4,733.9	11,201	2,731.0	4,857	1,819.5
U. Michigan, Dearborn	431	75.9	99	20.4	312	50.3	20	5.2
U. Michigan, Flint	202	16.0	32	3.3	161	12.4	9	0.3
Wayne State U.	3,614	2,931.4	899	822.8	1,606	1,459.3	1,109	649.3
Western Michigan U. and Homer Stryker M.D. School of Medicine	789	223.0	179	67.0	130	66.7	480	89.3
Private								
Andrews U.	104	13.6	15	5.6	85	6.4	4	1.6
Calvin U.	113	18.5	56	11.0	51	6.0	6	1.5
Hope C.	336	211.6	63	46.3	239	143.2	34	22.1
Lawrence Technological U.	73	8.6	38	7.6	0	0.0	35	1.0
U. Detroit Mercy	101	18.9	39	5.7	45	4.5	17	8.7
Van Andel Research Institute	327	327.0	78	78.0	122	122.0	127	127.0
Minnesota								
Public								
Minnesota State U., Mankato	367	160.2	140	62.2	201	90.6	26	7.4
St. Cloud State U.	239	27.1	134	18.8	18	4.4	87	3.9
U. Minnesota, Duluth	437	74.9	169	36.9	16	0.9	252	37.1
U. Minnesota, Rochester	22	2.5	12	1.1	0	0.0	10	1.4
U. Minnesota, Twin Cities	12,224	1,529.9	4,622	779.1	840	71.8	6,762	679.0

**Table 27. Headcount and FTEs of R&D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024**

(Number)

State, institutional control, and institution	All personnel functions				Researchers				R&D technicians				R&D support staff			
	Headcount		FTEs		Headcount		FTEs		Headcount		FTEs		Headcount		FTEs	
Private																
C. of Saint Benedict	154	i	103.3	i	67	i	49.5	i	56	i	33.4	i	31	i	20.4	i
Carleton C.	384	i	241.6	i	49	i	35.8	i	236	i	141.5	i	99	i	64.3	i
Macalester C.	35		9.0		35		9.0		0		0.0		0		0.0	
Saint John's U.	158	i	106.3	i	69	i	51.0	i	57	i	34.3	i	32	i	21.0	i
St. Catherine U.	80		11.1		30		3.9		49		6.7		1		0.5	
St. Olaf C.	99		21.2		30		6.2		67		14.9		2		0.1	
U. of St. Thomas (MN)	232		29.9		32		10.2		169		16.7		31		3.0	
Mississippi																
Public																
Alcorn State U.	456	i	190.2	i	328	i	146.2	i	44	i	19.8	i	84	i	24.2	i
Jackson State U.	299		130.0		140		48.5		4		2.5		155		79.0	
Mississippi State U.	4,203		2,850.1		1,261		760.4		2,673		1,900.9		269		188.8	
U. Mississippi	3,303		2,274.6		1,825		1,384.8		333		322.5		1,145		567.3	
U. Southern Mississippi	709		267.0	i	131		58.4	i	260		116.9	i	318		91.7	i
Private																
Tougaloo C.	169	i	112.9	i	63	i	46.5	i	60	i	36.2	i	46	i	30.2	i
Missouri																
Public																
Lincoln U., Jefferson City	223	i	91.9	i	138	i	61.5	i	35	i	15.9	i	50	i	14.5	i
Missouri State U.	900		333.5	i	209		93.2	i	255		114.6	i	436		125.7	i
Missouri U. of Science and Technology	1,110		635.0		267		252.0		743		334.0		100		49.0	
U. Missouri, Columbia	6,250		4,204.0		1,933		1,114.0		3,502		2,613.0		815		477.0	
U. Missouri, Kansas City	981		757.0		394		334.0		424		320.0		163		103.0	
U. Missouri, Saint Louis	326		220.0		92		80.0		186		107.0		48		33.0	
Private																
Saint Louis U.	1,144		764.7	i	626		460.1	i	517		303.9	i	1		0.7	i
U. of Health Sciences and Pharmacy in St. Louis	63		22.7		48		12.5		6		5.7		9		4.5	
Washington U., Saint Louis	6,251		4,075.3		1,819		990.1		3,900		2,695.2		532		390.0	
Montana																
Public																
Aaniih Nakoda C.	10		5.7		5		2.8		2		1.5		3		1.4	
Montana State U., Bozeman	1,551		758.4		835		333.1		625		362.8		91		62.5	
Montana Technological U.	351		108.0		55		23.0		89		42.0		207		43.0	
U. Montana, Missoula	327		145.8	i	327		145.8	i	NA		NA		NA		NA	
Nebraska																
Public																



Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
Public												
New Mexico Highlands U.	89	28.1	i	16	7.1	i	0	0.0		73	21.0	i
New Mexico Institute of Mining and Technology	1,206	445.8	i	292	130.2	i	324	145.6	i	590	170.0	i
New Mexico State U.	2,213	994.0		463	346.0		50	39.0		1,700	609.0	
U. New Mexico	4,316	2,566.1		1,509	630.7		2,034	1,473.9		773	461.5	
New York												
Public												
CUNY, Advanced Science Research Center	171	65.8		158	59.4		1	0.9		12	5.5	
CUNY, Baruch C.	95	14.8		76	9.6		2	1.2		17	4.0	
CUNY, Brooklyn C.	210	43.5		119	22.9		9	4.2		82	16.4	
CUNY, C. Staten Island	121	22.8		88	18.4		1	0.4		32	4.0	
CUNY, City C.	669	237.4		430	147.4		9	3.5		230	86.5	
CUNY, Graduate Center	124	26.5		74	12.5		0	0.0		50	14.0	
CUNY, Graduate School of Public Health and Health Policy	169	74.5		149	65.6		0	0.0		20	8.9	
CUNY, Hunter C.	463	143.9		298	86.1		13	7.3		152	50.5	
CUNY, John Jay C. of Criminal Justice	211	62.3		116	21.9		2	0.3		93	40.1	
CUNY, Lehman C.	108	21.3		55	11.7		6	0.7		47	8.9	
CUNY, New York City C. of Technology	61	6.6		34	5.1		6	0.2		21	1.3	
CUNY, Queens C.	302	95.1		139	43.7		9	4.3		154	47.1	
CUNY, system office	40	10.5		29	4.5		0	0.0		11	6.0	
CUNY, York C.	52	8.6		6	3.1		11	2.0		35	3.5	
SUNY, Binghamton U.	1,906	696.3		978	188.0		803	392.5		125	115.8	
SUNY, Buffalo State U.	71	37.6		19	5.1		8	7.5		44	25.0	
SUNY, C. Brockport	76	32.0		12	7.0		26	7.0		38	18.0	
SUNY, C. of Environmental Science and Forestry	590	211.9		81	22.2		209	108.2		300	81.5	
SUNY, C. of Optometry	21	6.9		18	6.0		1	0.3		2	0.6	
SUNY, C. Plattsburgh	33	8.8		6	2.0		11	5.0		16	1.8	
SUNY, Cobleskill	21	7.1		3	2.0		17	5.0		1	0.1	
SUNY, Downstate Health Sciences U.	203	65.6	i	110	32.0		46	20.1	i	47	13.5	i
SUNY, Geneseo	54	7.4		53	6.9		0	0.0		1	0.5	
SUNY, Oswego	68	9.5		19	3.5		6	1.6		43	4.4	
SUNY, Polytechnic Institute	48	21.1	i	25	11.1	i	21	9.4	i	2	0.6	i
SUNY, Stony Brook U.	3,059	1,477.7		672	319.0		1,730	854.6		657	304.1	
SUNY, U. Albany	1,606	985.6		905	530.6		146	109.2		555	345.8	
SUNY, U. Buffalo	2,773	1,008.0	i	594	264.8	i	769	336.8	i	1,410	406.4	i
SUNY, Upstate Medical U.	428	254.3		206	124.0		204	121.8		18	8.5	
U.S. Military Academy	340	218.9		281	189.2		22	16.3		37	13.4	

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
Private												
Albany C. of Pharmacy and Health Sciences	34	4.2		7	0.9		27	3.3		0	0.0	
Albany Medical C.	392	257.6	i	143	105.4	i	158	92.8	i	91	59.4	i
Albert Einstein C. of Medicine	1,705	852.0		489	239.0		694	365.0		522	248.0	
Alfred U.	50	16.9		44	13.5		6	3.4		0	0.0	
Barnard C.	114	28.3		23	1.9		24	18.0		67	8.4	
Clarkson U.	581	362.9		121	118.6		403	190.0		57	54.3	
Cold Spring Harbor Laboratory	1,163	778.1	i	502	368.8	i	396	237.1	i	265	172.2	i
Colgate U.	298	38.0		28	5.0		270	33.0		0	0.0	
Columbia U. in the City of New York	10,145	8,500.0		5,648	4,901.0		828	785.0		3,669	2,814.0	
Cornell U.	13,733	10,425.5		3,352	2,723.3		5,071	4,143.2		5,310	3,559.0	
Fordham U.	406	266.4	i	28	20.6	i	0	0.0	i	378	245.8	i
Hamilton C.	141	25.6		62	15.1		63	9.1		16	1.4	
Hobart and William Smith Colleges	91	3.9		62	2.0		29	1.9		0	0.0	
Hofstra U.	295	203.1	i	225	165.4	i	52	26.0	i	18	11.7	i
Icahn School of Medicine at Mount Sinai	3,613	2,616.0		1,212	678.0		1,847	1,568.0		554	370.0	
Long Island U.	392	122.0		274	80.8		96	30.6		22	10.6	
Manhattan C.	239	162.1	i	128	93.7	i	69	41.2	i	42	27.2	i
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	69	57.0		69	57.0		0	0.0		0	0.0	
New School	602	403.7	i	116	85.3	i	64	44.0	i	422	274.4	i
New York Institute of Technology	181	108.0		50	25.0		43	39.0		88	44.0	
New York Medical C.	168	118.3	i	121	88.9	i	19	11.2	i	28	18.2	i
New York U.	8,798	7,432.3		4,929	4,842.9		721	258.0		3,148	2,331.4	
Pace U.	163	42.7		95	12.2		10	4.0		58	26.5	
Pratt Institute	281	192.0	i	151	111.0	i	81	48.8	i	49	32.2	i
Rensselaer Polytechnic Institute	1,252	744.9		398	314.0		765	343.6		89	87.3	
Rochester Institute of Technology	1,252	292.0		593	214.0		635	72.0		24	6.0	
Rockefeller U.	1,002	839.9		506	439.1		404	322.9		92	77.9	
Skidmore C.	53	13.3		25	6.9		28	6.4		0	0.0	
St. Bonaventure U.	55	9.4		10	5.9		26	2.5		19	1.0	
St. John Fisher U.	141	29.5		139	28.7		NA	NA		2	0.8	
St. John's U., New York	177	122.7	i	109	80.4	i	45	27.2	i	23	15.1	i
Syracuse U.	2,903	1,080.1		2,333	965.3		42	9.2		528	105.6	
Teachers C., Columbia U.	74	54.4	i	74	54.4	i	NA	NA		NA	NA	
Touro U., New York	397	273.3		79	49.6		171	112.7		147	111.0	
U. Rochester	4,490	2,828.1	i	1,132	832.0	i	3,002	1,764.6	i	356	231.5	i
Union C., Schenectady	284	193.1	i	168	123.5	i	115	68.9	i	1	0.7	i

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
Vassar C.	95	64.9	i	57	41.9	i	34	20.4	i	4	2.6	i
Yeshiva U.	71	45.3	i	20	14.7	i	51	30.6	i	0	0.0	i
North Carolina												
Public												
Appalachian State U.	158	127.0		155	125.0		3	2.0		0	0.0	
East Carolina U.	1,983	439.0		810	183.3		856	188.1		317	67.6	
Elizabeth City State U.	9	4.0		9	4.0		NA	NA		NA	NA	
Fayetteville State U.	3	1.9		0	0.0		1	0.8		2	1.1	
North Carolina A&T State U.	869	378.1	i	791	352.6	i	19	8.5	i	59	17.0	i
North Carolina Central U.	318	140.2	i	120	53.5	i	184	82.7	i	14	4.0	i
North Carolina State U.	6,797	6,026.7		3,619	3,319.0		687	615.8		2,491	2,091.9	
U. North Carolina, Asheville	128	62.0		50	24.0		51	25.0		27	13.0	
U. North Carolina, Chapel Hill	11,917	4,789.4	i	4,246	1,892.7	i	4,577	2,004.9	i	3,094	891.8	i
U. North Carolina, Charlotte	1,371	292.8		332	41.2		820	221.1		219	30.5	
U. North Carolina, general administration	31	1.7		18	1.1		0	0.0		13	0.6	
U. North Carolina, Greensboro	1,495	677.7	i	771	343.7	i	504	270.6	i	220	63.4	i
U. North Carolina, Wilmington	842	398.7		337	83.3		187	163.1		318	152.3	
Western Carolina U.	121	73.2		23	4.1		87	62.8		11	6.3	
Winston-Salem State U.	46	20.5	i	44	19.6	i	2	0.9	i	0	0.0	i
Private												
Davidson C.	355	260.3	i	350	257.3	i	5	3.0	i	0	0.0	i
Duke U.	9,877	6,372.1		4,704	2,780.6		3,877	2,844.5		1,296	747.0	
Elon U.	324	223.0	i	158	116.1	i	21	12.6	i	145	94.3	i
High Point U.	271	184.9	i	145	106.9	i	78	47.0	i	48	31.0	i
Johnson C. Smith U.	46	13.0		30	3.5		0	0.0		16	9.5	
Wake Forest U.	2,444	1,610.7	i	789	579.9	i	728	427.9	i	927	602.9	i
North Dakota												
Public												
North Dakota State U.	2,875	1,670.5		362	222.5		1,253	726.0		1,260	722.0	
U. North Dakota	1,591	655.3	i	1,134	505.5	i	290	101.7	i	167	48.1	i
Private												
United Tribes Technical C.	15	10.0		10	7.0		0	0.0		5	3.0	
Ohio												
Public												
Air Force Institute of Technology	408	249.2		197	83.7		154	137.0		57	28.5	
Bowling Green State U.	796	206.5		83	26.0		713	180.5		0	0.0	
Central State U.	158	52.5		29	17.1		5	3.5		124	31.9	

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions				Researchers				R&D technicians				R&D support staff			
	Headcount		FTEs		Headcount		FTEs		Headcount		FTEs		Headcount		FTEs	
Cleveland State U.	1,079	i	443.2	i	394	i	175.7	i	434	i	195.1	i	251	i	72.4	i
Kent State U.	1,231		602.1	i	606		270.2	i	610		327.6	i	15		4.3	i
Miami U.	607		270.6	i	607		270.6	i	NA		NA		NA		NA	
Northeast Ohio Medical U.	148		106.6		99		66.7		39		32.8		10		7.1	
Ohio State U.	14,365		6,672.1		3,650		1,584.1		9,950		4,705.8		765		382.2	
Ohio U.	706		148.1		218		51.1		487		96.2		1		0.8	
U. Akron	509		228.3	i	142		63.3	i	367		165.0	i	0		0.0	i
U. Cincinnati	4,890		2,340.0		1,817		914.0		2,626		1,168.0		447		258.0	
U. Toledo	1,216		711.0		525		445.2		501		193.7		190		72.1	
Wright State U.	313		150.0		91		56.3		208		81.5		14		12.2	
Youngstown State U.	111		16.5		20		2.8		91		13.7		0		0.0	
Private																
C. Wooster	56		37.6	i	17		12.5	i	5		3.0	i	34		22.1	i
Case Western Reserve U.	3,455	i	2,268.3	i	1,231	i	904.8	i	1,327	i	780.1	i	897	i	583.4	i
Denison U.	274	i	186.4	i	147	i	107.8	i	79	i	47.4	i	48	i	31.2	i
Heidelberg U.	9		7.5		4		3.2		4		3.5		1		0.8	
John Carroll U.	26		18.5	i	18		13.2	i	1		0.7	i	7		4.6	i
Kenyon C.	42		6.7		18		4.7		24		2.0		0		0.0	
Oberlin C.	106		7.8		18		2.2		88		5.6		0		0.0	
U. Dayton	1,246		954.0		884		620.0		136		131.0		226		203.0	
Oklahoma																
Public																
Langston U.	121		57.2		50		12.3		12		5.6		59		39.3	
Oklahoma State U., Center for Health Sciences	120		63.2		50		13.0		12		8.1		58		42.1	
Oklahoma State U., Stillwater	2,463		1,086.2		1,582		684.1		186		112.3		695		289.8	
U. Central Oklahoma	406		54.0		44		16.5		362		37.5		0		0.0	
U. Oklahoma <sup>C</sup>	3,756		1,478.8	i	862		384.3	i	1,738		761.3	i	1,156		333.2	i
Private																
U. Tulsa	473		210.7		264		110.2		20		10.2		189		90.3	
Oregon																
Public																
Oregon Health and Science U.	4,063		1,614.3	i	1,386		617.9	i	1,501		657.5	i	1,176		338.9	i
Oregon Institute of Technology	164	i	67.5	i	101	i	45.1	i	26	i	11.7	i	37	i	10.7	i
Oregon State U.	5,235		1,581.7		919		288.6		3,353		1,047.3		963		245.8	
Portland State U.	884		527.0		751		447.0		16		14.0		117		66.0	
Southern Oregon U.	270	i	113.0	i	145	i	64.4	i	78	i	35.0	i	47	i	13.6	i
U. Oregon	1,779		610.4		297		70.5		1,378		494.5		104		45.4	

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
Private												
Lewis and Clark C.	270	35.8		59	17.5		204	14.3		7	4.0	
National U. of Natural Medicine	128	89.1	i	56	40.8	i	46	31.5	i	26	16.8	i
Pacific U.	208	148.3	i	128	94.1	i	53	36.5	i	27	17.7	i
Reed C.	153	104.6	i	74	54.5	i	32	19.4	i	47	30.7	i
Willamette U.	101	11.1		44	6.3		41	3.3		16	1.5	
Pennsylvania												
Public												
East Stroudsburg U. Pennsylvania	71	24.5		35	8.0		35	16.0		1	0.5	
Indiana U. Pennsylvania	174	52.3		97	14.1		64	27.4		13	10.8	
Pennsylvania State U., Altoona	20	5.0		20	5.0		0	0.0		0	0.0	
Pennsylvania State U., Behrend	64	12.0		64	12.0		0	0.0		0	0.0	
Pennsylvania State U., Harrisburg	56	11.0		56	11.0		0	0.0		0	0.0	
Pennsylvania State U., University Park and Hershey Medical Center	4,677	2,085.0	i	4,677	2,085.0	i	NA	NA		NA	NA	
Temple U.	3,282	2,269.8		625	335.2		991	741.3		1,666	1,193.3	
U. Pittsburgh, Pittsburgh	12,488	7,195.2		2,851	1,658.9		6,590	4,153.7		3,047	1,382.6	
U.S. Army War C.	322	127.8	i	155	69.0	i	68	30.4	i	99	28.4	i
West Chester U. Pennsylvania	475	180.7	i	270	120.4	i	5	2.7	i	200	57.6	i
Private												
Arcadia U.	114	20.7		16	4.2		98	16.5		0	0.0	
Bryn Mawr C.	156	33.0		139	30.6		5	0.7		12	1.7	
Bucknell U.	519	354.6	i	221	162.4	i	31	18.6	i	267	173.6	i
Carnegie Mellon U.	4,440	3,164.0	i	2,527	1,857.4	i	1,714	1,177.2	i	199	129.4	i
Dickinson C.	67	14.6		59	10.8		6	3.3		2	0.5	
Drexel U.	2,529	2,209.1		1,463	1,325.9		456	304.4		610	578.8	
Duquesne U.	433	233.5		65	51.5		145	37.0		223	145.0	
Franklin and Marshall C.	273	49.0		20	11.0		253	38.0		0	0.0	
Gettysburg C.	39	3.0		14	2.0		25	1.0		0	0.0	
Haverford C.	49	17.5		30	1.9		19	15.6		0	0.0	
Juniata C.	34	4.8		13	1.9		20	2.8		1	0.1	
Lafayette C.	261	179.9	i	173	127.2	i	88	52.7	i	0	0.0	i
Lehigh U.	1,109	443.9		214	49.7		845	346.6		50	47.6	
Philadelphia C. of Osteopathic Medicine	32	25.9		7	3.0		21	19.4		4	3.5	
Robert Morris U.	137	20.5		133	16.5		0	0.0		4	4.0	
Saint Joseph's U.	179	36.5		79	9.6		56	23.8		44	3.1	
Swarthmore C.	387	37.7		44	7.5		51	9.4		292	20.8	
Thomas Jefferson U.	1,686	709.0		695	209.0		879	475.0		112	25.0	

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions		Researchers		R&D technicians		R&D support staff	
	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs
U. Pennsylvania	16,534	12,107.4	1,486	548.2	2,623	2,375.0	12,425	9,184.2
U. Scranton	274	186.4	147	107.8	79	47.4	48	31.2
Ursinus C.	22	10.0	15	6.0	4	3.0	3	1.0
Villanova U.	457	109.3	149	38.7	287	62.0	21	8.6
Rhode Island								
Public								
Naval War C.	0	0.0	0	0.0	0	0.0	0	0.0
U. Rhode Island	1,898	575.9	1,593	457.9	19	14.1	286	103.9
Private								
Brown U.	819	608.0	219	129.0	575	464.0	25	15.0
Bryant U.	57	7.3	49	4.4	8	2.9	0	0.0
Providence C.	106	15.0	32	8.0	10	2.0	64	5.0
Rhode Island School of Design	5	4.5	NA	NA	0	0.0	5	4.5
Roger Williams U.	143	28.7	49	14.3	88	13.0	6	1.4
South Carolina								
Public								
C. Charleston	332	138.0	143	63.9	121	54.4	68	19.7
Citadel Military C. South Carolina	101	17.0	29	6.6	71	10.2	1	0.2
Clemson U.	2,844	548.5	1,284	8.5	1,400	490.0	160	50.0
Coastal Carolina U.	178	36.1	56	15.7	122	20.4	0	0.0
Medical U. South Carolina	2,279	862.5	1,118	498.6	195	85.4	966	278.5
South Carolina State U.	230	56.0	65	17.0	134	27.0	31	12.0
U. South Carolina Upstate	119	96.1	62	49.6	1	0.3	56	46.2
U. South Carolina, Aiken	108	57.7	31	26.3	19	7.9	58	23.5
U. South Carolina, Beaufort	55	34.1	16	12.4	6	5.0	33	16.7
U. South Carolina, Columbia	4,234	2,671.7	882	776.7	1,978	1,140.7	1,374	754.3
Winthrop U.	316	40.0	54	13.0	251	25.0	11	2.0
Private								
Benedict C.	67	17.0	27	9.0	25	5.0	15	3.0
Clafin U.	45	19.1	14	2.8	3	0.4	28	15.9
Furman U.	63	9.3	33	3.6	12	1.5	18	4.2
South Dakota								
Public								
Black Hills State U.	15	5.6	8	4.0	5	1.0	2	0.6
Dakota State U.	69	14.3	37	13.0	2	0.3	30	1.0
South Dakota School of Mines and Technology	269	85.0	73	14.0	193	69.0	3	2.0
South Dakota State U.	1,299	367.6	285	105.8	979	248.5	35	13.3

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions		Researchers		R&D technicians		R&D support staff	
	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs
U. South Dakota	423	137.5	225	57.4	150	73.1	48	7.0
Tennessee								
Public								
Austin Peay State U.	149	50.0	77	24.0	50	15.0	22	11.0
East Tennessee State U.	383	249.0	98	64.0	188	122.0	97	63.0
Middle Tennessee State U.	258	105.6	121	53.8	75	33.8	62	18.0
Tennessee State U.	199	40.0	199	40.0	0	0.0	NA	0.0
Tennessee Technological U.	509	88.2	81	16.0	428	72.2	0	0.0
U. Memphis	2,299	199.4	150	35.5	NA	NA	2,149	163.9
U. Tennessee, Chattanooga	339	108.0	139	34.0	175	54.0	25	20.0
U. Tennessee, Health Science Center	1,237	712.0	576	372.0	564	278.0	97	62.0
U. Tennessee, Knoxville	5,960	2,939.7	1,893	1,221.0	3,494	1,329.0	573	389.7
Private								
Fisk U.	144	21.0	144	21.0	0	0.0	0	0.0
Lincoln Memorial U.	8	1.0	8	1.0	0	0.0	0	0.0
Lipscomb U.	35	7.0	35	7.0	0	0.0	0	0.0
Meharry Medical C.	349	226.6	86	63.1	113	66.3	150	97.2
Vanderbilt U. and Vanderbilt U. Medical Center	8,835	5,950.8	3,147	2,313.4	3,394	2,145.7	2,294	1,491.7
Texas								
Public								
Lamar U.	356	156.0	336	149.8	3	1.3	17	4.9
Midwestern State U.	71	36.0	11	1.4	0	0.0	60	34.6
Prairie View A&M U.	792	438.6	224	175.6	319	146.6	249	116.4
Sam Houston State U.	431	179.3	344	153.4	14	4.9	73	21.0
Stephen F. Austin State U.	247	105.9	110	49.0	108	48.5	29	8.4
Sul Ross State U.	189	76.6	70	31.4	67	30.3	52	14.9
Tarleton State U.	440	209.0	87	35.0	75	47.0	278	127.0
Texas A&M International U.	191	77.0	71	31.6	68	30.4	52	15.0
Texas A&M U., College Station and Health Science Center	15,857	5,443.0	2,601	1,497.0	7,899	3,016.0	5,357	930.0
Texas A&M U.-Commerce	266	112.6	44	19.6	180	80.9	42	12.1
Texas A&M U.-Corpus Christi	862	245.0	231	78.0	133	34.0	498	133.0
Texas A&M U.-Kingsville	562	438.0	166	136.0	163	89.0	233	213.0
Texas A&M U.-San Antonio	129	38.9	33	10.0	38	10.2	58	18.7
Texas Southern U.	149	86.3	67	48.0	45	14.0	37	24.3
Texas State U.	1,816	909.0	335	168.0	0	0.0	1,481	741.0
Texas Tech U.	4,254	1,474.7	1,388	643.3	1,878	561.4	988	270.0
Texas Tech U., Health Sciences Center	537	252.3	193	72.7	232	94.7	112	84.9

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions		Researchers		R&D technicians		R&D support staff	
	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs
Texas Tech U., Health Sciences Center, El Paso	194	123.7	42	11.2	101	78.2	51	34.3
Texas Woman's U.	295	99.1	i 89	39.7	i 0	0.0	i 206	i 59.4
U. Houston	1,310	1,044.8	878	736.7	33	32.5	399	275.6
U. Houston-Clear Lake	137	33.0	30	18.0	83	7.0	24	8.0
U. Houston-Downtown	156	45.4	70	15.5	0	0.0	86	29.9
U. North Texas, Dallas	272	i 113.9	i 146	i 64.9	i 78	i 35.3	i 48	i 13.7
U. North Texas, Denton	2,407	1,007.0	1,035	397.6	1,174	441.1	198	168.3
U. North Texas, Health Science Center	207	193.0	207	193.0	0	0.0	0	0.0
U. Texas Health Science Center, Houston	5,888	3,397.3	1,243	683.6	3,379	1,878.8	1,266	834.9
U. Texas Health Science Center, San Antonio	2,517	1,644.0	651	327.0	1,341	997.0	525	320.0
U. Texas Health Science Center, Tyler	394	i 160.2	i 123	i 54.6	i 110	i 59.2	i 161	i 46.4
U. Texas M. D. Anderson Cancer Center	8,074	5,612.0	2,076	1,249.0	4,927	3,595.0	1,071	768.0
U. Texas Medical Branch	1,524	697.7	254	107.8	963	485.7	307	104.2
U. Texas of the Permian Basin	284	i 119.2	i 152	i 67.9	i 82	i 36.9	i 50	i 14.4
U. Texas Rio Grande Valley	1,997	1,485.1	857	851.2	855	410.3	285	223.6
U. Texas Southwestern Medical Center	5,826	3,557.9	1,869	1,387.6	2,058	1,192.1	1,899	978.2
U. Texas, Arlington	2,525	1,433.8	657	640.8	1,058	395.6	810	397.4
U. Texas, Austin	12,126	4,619.0	2,602	1,134.0	6,279	1,927.0	3,245	1,558.0
U. Texas, Dallas	2,554	862.1	758	319.9	1,718	487.3	78	54.9
U. Texas, El Paso	2,287	934.2	853	332.2	690	311.6	744	290.4
U. Texas, San Antonio	2,001	1,301.0	554	516.5	1,265	620.0	182	164.5
U. Texas, Tyler	192	28.9	38	6.3	136	18.4	18	4.2
West Texas A&M U.	267	80.7	72	56.4	63	10.9	132	13.4
Private								
Abilene Christian U.	167	52.2	62	33.4	4	0.3	101	18.5
Baylor C. of Medicine	5,139	i 3,373.5	i 1,831	i 1,345.6	i 1,974	i 1,160.2	i 1,334	i 867.7
Baylor U.	1,875	1,061.5	1,260	691.2	24	21.1	591	349.2
Rice U.	2,831	1,296.1	308	89.6	1,769	1,042.8	754	163.7
Southern Methodist U.	1,413	338.0	276	77.0	1,097	253.0	40	8.0
St. Edward's U.	28	16.0	8	6.0	20	10.0	0	0.0
Texas Christian U.	513	144.5	75	41.0	391	71.5	47	32.0
Trinity U.	417	91.0	26	4.0	15	10.0	376	77.0
U. of the Incarnate Word	54	22.3	23	5.4	29	15.6	2	1.3
Utah								
Public								
Southern Utah U.	111	17.5	35	10.0	76	7.5	0	0.0
U. Utah	8,461	3,767.0	3,900	2,373.0	4,136	1,172.7	425	221.3

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions		Researchers		R&D technicians		R&D support staff	
	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs	Headcount	FTEs
Utah State U.	4,760	i 1,934.0	i 1,696	i 756.0	i 1,828	i 821.8	i 1,236	i 356.2
Utah Valley U.	106	10.0	106	10.0	NA	NA	NA	NA
Weber State U.	273	i 114.5	i 146	i 65.2	i 79	i 35.5	i 48	i 13.8
Private								
Brigham Young U., Provo	7,610	4,721.2	i 1,183	i 869.5	i 6,427	i 3,851.7	i 0	i 0.0
Vermont								
Public								
U. Vermont	2,730	945.6	972	413.6	982	406.7	776	125.3
Private								
Middlebury C.	120	27.6	35	7.0	12	6.0	73	14.6
Norwich U.	50	8.9	14	4.6	35	4.1	1	0.2
Virginia								
Public								
Christopher Newport U.	154	37.0	154	37.0	0	0.0	0	0.0
Eastern Virginia Medical School	192	108.4	77	24.0	107	79.2	8	5.2
George Mason U.	3,110	1,391.2	754	673.3	1,312	575.9	1,044	142.0
James Madison U.	487	i 208.2	i 242	i 107.8	i 184	i 82.9	i 61	i 17.5
Norfolk State U.	119	86.5	52	33.5	43	40.5	24	12.5
Old Dominion U.	1,010	366.0	317	41.0	686	322.9	7	2.1
Radford U.	65	57.0	65	57.0	0	0.0	0	0.0
U. of Mary Washington	40	12.9	34	11.9	6	1.0	0	0.0
U. Virginia's C. Wise	37	14.1	i 15	i 6.7	7	3.1	i 15	i 4.3
U. Virginia, Charlottesville	8,232	3,176.8	i 2,023	i 901.9	i 3,240	i 1,419.2	i 2,969	i 855.7
Virginia Commonwealth U.	4,277	1,299.7	i 425	i 189.5	NA	NA	3,852	1,110.2
Virginia Military Institute	66	14.0	15	5.0	48	7.0	3	2.0
Virginia Polytechnic Institute and State U.	8,000	i 3,215.4	i 2,850	i 1,270.7	i 3,073	i 1,346.0	i 2,077	i 598.7
Virginia State U.	278	i 110.9	i 170	i 75.7	i 25	i 11.4	i 83	i 23.8
William & Mary	1,695	i 731.4	i 333	i 148.4	i 1,181	i 530.7	i 181	i 52.3
Private								
Edward Via C. of Osteopathic Medicine	79	41.0	57	25.0	12	8.0	10	8.0
Hampton U.	106	78.0	51	44.0	0	0.0	55	34.0
Liberty U.	184	i 123.4	i 123	i 90.5	i 44	i 22.1	i 17	i 10.8
Marymount U.	168	22.5	96	14.0	68	7.7	4	0.8
U. Richmond	152	22.4	43	7.3	93	12.1	16	3.0
Washington								
Public								
Central Washington U.	120	13.0	43	5.0	71	6.0	6	2.0

Table 27. Headcount and FTEs of R&amp;D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024

(Number)

State, institutional control, and institution	All personnel functions				Researchers				R&D technicians				R&D support staff			
	Headcount		FTEs		Headcount		FTEs		Headcount		FTEs		Headcount		FTEs	
Eastern Washington U.	204	i	82.5	i	76	i	33.8	i	72	i	32.6	i	56	i	16.1	i
Northwest Indian C.	174	i	69.1	i	84	i	37.3	i	37	i	16.4	i	53	i	15.4	i
U. Washington, Bothell	79		26.4	i	11		4.9	i	12		5.4	i	56		16.1	i
U. Washington, Seattle	16,458		6,561.4	i	10,189		4,542.3	i	1,417		620.7	i	4,852		1,398.4	i
U. Washington, Tacoma	197		78.9	i	132		58.8	i	9		4.0	i	56		16.1	i
Washington State U.	4,521		1,746.2	i	1,218		543.0	i	1,677		734.6	i	1,626		468.6	i
Western Washington U.	572		91.7		212		27.6		305		60.8		55		3.3	
Private																
Seattle Pacific U.	285	i	194.2	i	153	i	112.3	i	82	i	49.4	i	50	i	32.5	i
Seattle U.	102		75.0	i	102		75.0	i	NA		NA		NA		NA	
U. Puget Sound	270	i	183.8	i	145	i	106.3	i	78	i	46.7	i	47	i	30.8	i
Whitman C.	283		48.7		282		48.4		1		0.3		0		0.0	
West Virginia																
Public																
Marshall U.	475		294.0		94		72.0		324		187.0		57		35.0	
West Virginia School of Osteopathic Medicine	286	i	119.7	i	112	i	49.8	i	132	i	57.7	i	42	i	12.2	i
West Virginia State U.	43		36.0		19		15.0		10		9.0		14		12.0	
West Virginia U.	3,554		1,992.1		1,183		472.5		1,404		895.4		967		624.2	
Wisconsin																
Public																
U. Wisconsin-Eau Claire	417		186.6	i	173		77.1	i	243		109.2	i	1		0.3	i
U. Wisconsin-Green Bay	347	i	150.4	i	191	i	85.1	i	126	i	56.6	i	30	i	8.7	i
U. Wisconsin-La Crosse	211		30.5		71		18.8		135		6.9		5		4.8	
U. Wisconsin-Madison	18,788		7,261.2		4,725		2,321.1		7,047		2,961.2		7,016		1,978.9	
U. Wisconsin-Milwaukee	1,861		1,028.3		273		242.5		1,588		785.8		0		0.0	
U. Wisconsin-Oshkosh	147		27.1		123		19.7		19		5.7		5		1.7	
U. Wisconsin-River Falls	117		52.2	i	26		11.6	i	89		40.0	i	2		0.6	i
U. Wisconsin-Stevens Point	188		63.3	i	22		9.8	i	35		15.7	i	131		37.8	i
U. Wisconsin-Superior	38		18.6		5		4.8		12		9.6		21		4.2	
Private																
Carthage C.	4		1.1		2		0.5		1		0.3		1		0.3	
Marquette U.	1,240		601.0		307		158.0		682		322.0		251		121.0	
Medical C. Wisconsin	2,562		1,275.2		800		334.1		1,536		850.1		226		91.0	
Milwaukee School of Engineering	102		34.3		30		9.1		34		20.9		38		4.3	
Wyoming																
Public																
U. Wyoming	1,673		594.1	i	244		119.5		389		174.9	i	1,040		299.7	i

**Table 27. Headcount and FTEs of R&D personnel at higher education institutions in the standard form survey population, by state, institutional control, institution, and personnel function: FY 2024**

(Number)

State, institutional control, and institution	All personnel functions			Researchers			R&D technicians			R&D support staff		
	Headcount	FTEs		Headcount	FTEs		Headcount	FTEs		Headcount	FTEs	
Guam												
Public												
U. Guam	346	194.9		36	24.5		214	104.8		96	65.6	
Puerto Rico												
Public												
U. Puerto Rico, Cayey	76	25.0		18	8.0		0	0.0		58	17.0	
U. Puerto Rico, Humacao	42	8.1		20	3.7		12	1.8		10	2.6	
U. Puerto Rico, Mayaguez	295	104.0		218	40.0		0	0.0		77	64.0	
U. Puerto Rico, Medical Sciences Campus	411	158.0		130	56.0		113	49.0		168	53.0	
U. Puerto Rico, Rio Piedras	465	250.0		140	75.0		25	25.0		300	150.0	
Private												
Polytechnic U. Puerto Rico	5	2.5		5	2.5		0	0.0		0	0.0	
U. Ana G. Mendez, Gurabo	9	6.4	i	6	4.4	i	0	0.0	i	3	2.0	i
U. Central del Caribe	103	78.7		23	21.4		52	36.3		28	21.0	
Virgin Islands												
Public												
U. of the Virgin Islands	337	125.6	i	70	31.2	i	107	48.2	i	160	46.2	i

i = imputed. NA = not available; data were not provided by institution.

FTE = full-time equivalent.

<sup>a</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>b</sup> Johns Hopkins University includes the Applied Physics Laboratory, with 8,849 personnel and 8,718 FTEs in FY 2024.

<sup>c</sup> The University of Oklahoma includes expenditures from the University of Oklahoma, Tulsa and University of Oklahoma, Norman and Health Science Center campuses. Due to a reorganization, the campuses began reporting as one unit in FY 2024.

**Note(s):**

FTE R&D personnel are calculated as the total working effort spent on R&D during a specific period divided by the total effort representing a full-time schedule within the same period. This table includes only institutions reporting \$1 million or more in total R&D expenditures in FY 2023. Institutions reporting less than \$1 million in total R&D expenditures in FY 2023 completed a shorter version of the survey form in FY 2024 that did not include this question.

**Source(s):**

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2024.