

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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												
California Polytechnic State U., San Luis Obispo	987	485.6	i	190	86.6	i	797	399.0	i	0	0.0	
California State Polytechnic U., Humboldt	568	107.4		77	11.9		179	43.1		312	52.4	
California State Polytechnic U., Pomona	395	47.0		153	11.0		23	6.0		219	30.0	
California State U., Bakersfield	53	13.5		24	4.9		25	8.3		4	0.3	
California State U., Channel Islands	120	17.7		55	6.7		60	8.4		5	2.6	
California State U., Chico	238	26.9		64	8.2		81	11.2		93	7.5	
California State U., Dominguez Hills	91	40.3		36	6.3		37	23.0		18	11.0	
California State U., East Bay	488	204.3	i	184	83.9	i	115	57.7	i	189	62.7	i
California State U., Fresno	431	186.5	i	159	72.5	i	141	70.5	i	131	43.5	i
California State U., Fullerton	800	88.1		512	60.1		244	21.2		44	6.8	
California State U., Long Beach	531	80.6		155	27.9		344	30.4		32	22.3	
California State U., Los Angeles	713	100.0		306	43.0		157	22.0		250	35.0	
California State U., Monterey Bay	217	49.4		51	15.8		102	24.9		64	8.7	
California State U., Northridge	455	165.4	i	60	27.3	i	42	21.0	i	353	117.1	i
California State U., Sacramento	584	265.9	i	583	265.6	i	NA	NA		1	0.3	i
California State U., San Bernardino	182	23.5		47	12.1		92	5.4		43	6.0	
California State U., San Marcos	448	209.0		127	40.0		287	146.0		34	23.0	
California State U., Stanislaus	166	13.3		57	4.3		106	8.6		3	0.4	
Naval Postgraduate School	452	202.9	i	425	193.6	i	2	1.0	i	25	8.3	i
San Diego State U.	2,764	1,300.4	i	1,490	678.8	i	1,178	589.7	i	96	31.9	i
San Francisco State U.	1,000	374.7		304	138.8		651	216.3		45	19.6	
San Jose State U.	894	201.3		218	99.3		83	17.2		593	84.8	
Sonoma State U.	195	94.5	i	40	18.2	i	147	73.6	i	8	2.7	i
U. California, Berkeley	9,361	3,695.4		5,533	2,486.9		777	455.2		3,051	753.3	
U. California, Davis	10,788	4,207.2		5,548	2,380.1		1,932	1,113.7		3,308	713.4	
U. California, Irvine	4,789	1,927.6		3,537	1,479.8		661	288.4		591	159.4	
U. California, Los Angeles	12,114	5,035.6		6,205	2,440.6		2,825	1,390.0		3,084	1,205.0	
U. California, Merced	1,088	317.4		749	242.3		47	17.7		292	57.4	
U. California, Office of the President	575	212.3		104	18.7		117	49.6		354	144.0	
U. California, Riverside	2,869	1,026.4		1,817	732.9		262	128.7		790	164.8	
U. California, San Diego	13,020	5,363.8		6,504	2,729.0		3,529	1,789.0		2,987	845.8	
U. California, San Francisco	10,745	5,970.2		5,510	3,010.4		3,209	2,014.0		2,026	945.8	
U. California, Santa Barbara	3,380	1,266.9		1,980	874.5		364	155.7		1,036	236.7	
U. California, Santa Cruz	2,545	895.1		1,565	666.5		202	93.0		778	135.6	

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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								
Azusa Pacific U.	133	30.0	125	26.0	0	0.0	8	4.0
Biola U.	239	163.9	148	104.5	64	41.0	27	18.4
California Institute of Technology	2,176	1,480.7	1,289	908.6	763	487.7	124	84.4
Chapman U.	246	65.0	62	17.3	39	10.2	145	37.5
Charles R. Drew U. of Medicine and Science	98	66.1	60	42.3	15	8.1	23	15.7
Claremont Graduate U.	211	121.8	34	8.1	119	80.6	58	33.1
Claremont McKenna C.	534	50.6	81	14.1	392	25.7	61	10.8
Harvey Mudd C.	107	23.8	31	4.4	76	19.4	0	0.0
High Tech High Graduate School of Ed.	25	19.0	19	14.0	0	0.0	6	5.0
Keck Graduate Institute	72	50.7	69	49.2	2	1.0	1	0.5
La Sierra U.	126	86.1	60	42.5	39	24.9	27	18.7
Loma Linda U.	307	59.0	243	24.0	60	33.0	4	2.0
Loyola Marymount U.	595	65.0	235	27.4	185	27.1	175	10.5
Marshall B. Ketchum U.	176	120.9	114	80.2	34	21.4	28	19.3
Occidental C.	161	109.2	50	35.2	49	31.5	62	42.5
Pepperdine U.	142	100.1	142	100.1	NA	NA	NA	NA
Pomona C.	217	151.6	37	5.3	180	146.3	0	0.0
Santa Clara U.	233	158.5	69	48.9	52	33.4	112	76.2
Scripps Research Institute	1,549	1,470.6	173	154.4	1,185	1,154.7	191	161.5
Stanford U.	11,465	7,208.0	4,440	3,129.7	4,924	2,648.0	2,101	1,430.3
Touro U., California	20	11.1	6	1.3	14	9.8	0	0.0
U. of the Pacific	49	23.0	13	3.0	8	7.0	28	13.0
U. San Diego	160	132.9	74	72.5	71	49.9	15	10.5
U. San Francisco	285	192.7	88	62.1	87	55.6	110	75.0
U. Southern California	10,033	3,976.7	1,735	705.3	5,836	2,374.9	2,462	896.5
Western U. of Health Sciences	152	51.2	29	4.3	80	25.4	43	21.5
Colorado								
Public								
Colorado School of Mines	1,538	1,063.1	1,102	786.6	388	253.3	48	23.2
Colorado State U., Fort Collins	2,409	972.4	2,136	878.3	59	32.5	214	61.6
Colorado State U., Pueblo	56	18.4	21	2.3	17	9.2	18	6.9
Fort Lewis C.	290	142.5	40	18.2	245	122.6	5	1.7
U. Colorado Anschutz Medical Campus	6,347	3,946.0	2,303	1,527.0	2,708	1,826.0	1,336	593.0
U. Colorado Boulder	7,433	5,316.0	1,616	843.2	4,042	3,100.7	1,775	1,372.1

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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. Colorado Colorado Springs	64	48.0	17	8.0	8	3.0	39	37.0
U. Colorado Denver	768	225.0	226	20.0	357	150.0	185	55.0
U. Northern Colorado	306 i	125.7 i	122 i	55.6 i	53 i	26.5 i	131 i	43.6 i
U.S. Air Force Academy	300	59.0	300	59.0	NA	NA	NA	NA
Private								
Colorado C.	63	42.1 i	29	20.4 i	34	21.7 i	0	0.0 i
U. Denver	1,081	944.4	272	254.3	781	663.1	28	27.0
Connecticut								
Public								
Central Connecticut State U.	94	4.9	55	2.2	39	2.7	0	0.0
Eastern Connecticut State U.	52	7.9	28	7.0	24	0.9	0	0.0
Southern Connecticut State U.	211	54.0	109	44.0	87	7.0	15	3.0
U. Connecticut	4,400	1,249.6	1,202	285.7	2,928	881.1	270	82.8
U.S. Coast Guard Academy	9	4.6	4	1.7	0	0.0	5	2.9
Private								
Connecticut C.	24	5.2	10	1.5	1	1.0	13	2.7
Fairfield U.	136	94.7 i	91	64.1 i	0	0.0	45	30.6 i
Hartford International U. for Religion and Peace	7	5.0	5	4.0	0	0.0	2	1.0
Sacred Heart U.	153	17.3	153	17.3	NA	NA	NA	NA
Trinity C., Hartford	209	47.8	39	19.9	170	27.9	0	0.0
U. Hartford	69	10.8	61	8.9	1	0.1	7	1.8
U. New Haven	199	32.0	93	12.0	85	11.0	21	9.0
Wesleyan U.	278	187.6 i	63	44.4 i	75	47.9 i	140	95.3 i
Yale U.	7,015	2,612.7	3,975	1,900.8	1,998	550.7	1,042	161.2
Delaware								
Public								
Delaware State U.	154	66.8	141	55.8	8	7.0	5	4.0
U. Delaware	4,156	2,291.0	786	606.0	2,058	1,029.0	1,312	656.0
District of Columbia								
Public								
National Defense U.	29	26.0	23	22.0	0	0.0	6	4.0
U. of the District of Columbia	182 i	77.2 i	76 i	34.6 i	43 i	21.6 i	63 i	21.0 i
Private								
American U.	1,734	1,052.0	447	86.0	393	295.0	894	671.0
Catholic U. of America	325	218.4	148	101.4	166	107.9	11	9.1

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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
Gallaudet U.	179	62.0	101	31.0	59	20.0	19	11.0
George Washington U.	3,470	1,137.8	840	374.3	577	391.8	2,053	371.7
Georgetown U.	3,649	1,478.6	682	354.6	1,564	707.2	1,403	416.8
Howard U.	971	457.2	308	138.7	377	167.3	286	151.2
Florida								
Public								
Florida A&M U.	3,214	732.0	111	41.2	139	86.0	2,964	604.8
Florida Atlantic U.	1,341	768.6	327	261.6	830	415.0	184	92.0
Florida Gulf Coast U.	207	112.7	41	33.5	38	12.8	128	66.4
Florida International U.	5,050	2,979.6	889	799.5	3,384	1,442.8	777	737.3
Florida Polytechnic U.	116	21.6	43	7.8	16	8.1	57	5.7
Florida State U.	3,820	1,736.1	1,334	487.7	2,025	895.1	461	353.3
New C. Florida	103	48.0	i 74	33.7	i 28	14.0	i 1	0.3
U. Central Florida	2,818	1,012.6	i 626	285.2	i NA	NA	2,192	727.4
U. Florida	14,827	5,879.2	4,657	2,387.3	6,647	2,430.6	3,523	1,061.3
U. North Florida	616	184.0	63	15.0	417	111.0	136	58.0
U. South Florida	3,737	2,104.4	1,913	816.3	153	96.6	1,671	1,191.5
U. West Florida	292	68.0	61	15.0	41	9.0	190	44.0
Private								
Embry-Riddle Aeronautical U.	172	121.2	i 172	121.2	i NA	NA	NA	NA
Florida Institute of Technology	343	225.3	i 88	62.0	i 246	157.2	i 9	6.1
Nova Southeastern U.	832	740.2	566	542.9	180	127.4	86	69.9
U. Miami	3,519	2,361.4	i 2,546	1,794.6	i 668	359.2	i 305	207.6
Georgia								
Public								
Albany State U.	117	47.3	i 25	11.6	i 29	14.7	i 63	21.0
Augusta U.	1,540	1,353.0	676	658.0	749	581.0	115	114.0
Fort Valley State U.	102	42.6	i 27	12.3	i 32	16.0	i 43	14.3
Georgia Institute of Technology	9,726	4,493.4	i 2,967	1,351.8	i 5,326	2,666.1	i 1,433	475.5
Georgia Southern U.	1,259	272.3	790	212.8	441	44.8	28	14.7
Georgia State U.	4,254	1,591.7	i 1,046	476.6	i 299	149.7	i 2,909	965.4
Kennesaw State U.	973	445.2	i 618	281.6	i 272	136.1	i 83	27.5
Savannah State U.	178	42.0	151	37.0	3	3.0	24	2.0
U. Georgia	6,213	3,056.6	1,949	1,237.2	2,485	1,038.9	1,779	780.5
U. North Georgia	73	31.9	43	21.5	0	0.0	30	10.4

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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								
Clark Atlanta U.	165	140.0	24	23.5	126	102.5	15	14.0
Emory U.	6,352	4,539.0	1,062	838.0	1,249	1,027.0	4,041	2,674.0
Mercer U.	502	280.9	254	65.2	184	171.9	64	43.8
Morehouse C.	87	61.3	87	61.3	0	0.0	0	0.0
Morehouse School of Medicine	319	264.6	132	102.9	96	74.4	91	87.3
Spelman C.	106	37.4	58	9.0	9	6.3	39	22.1
Hawaii								
Public								
U. Hawaii, Hilo	140	66.6	22	8.9	54	25.3	64	32.4
U. Hawaii, Manoa	3,410	1,784.1	703	432.3	2,233	1,061.5	474	290.3
U. Hawaii, Maui C.	61	12.1	29	8.7	30	3.3	2	0.1
U. Hawaii, system office	42	33.9	9	8.2	13	7.1	20	18.6
Private								
Hawaii Pacific U.	181	55.0	117	26.0	42	21.0	22	8.0
Idaho								
Public								
Boise State U.	805	362.1	258	117.5	373	186.8	174	57.8
Idaho State U.	549	242.0	134	61.1	254	127.3	161	53.6
U. Idaho	2,560	1,812.3	627	596.3	991	700.0	942	516.0
Illinois								
Public								
Chicago State U.	121	52.2	32	14.4	49	24.6	40	13.2
Illinois State U.	823	363.9	390	177.8	251	125.7	182	60.4
Northeastern Illinois U.	54	24.2	37	12.2	6	3.0	11	9.0
Northern Illinois U.	953	251.1	644	111.4	21	20.8	288	118.9
Southern Illinois U., Carbondale	1,049	431.5	366	166.7	568	226.8	115	38.0
Southern Illinois U., Edwardsville	94	20.1	21	6.9	51	8.1	22	5.1
U. Illinois, Chicago	6,450	2,166.1	2,135	703.3	2,809	958.3	1,506	504.5
U. Illinois, Springfield	109	47.2	26	5.2	44	24.0	39	18.0
U. Illinois, Urbana-Champaign	20,622	8,176.4	2,400	1,681.8	17,414	5,969.3	808	525.3
Western Illinois U.	104	50.5	27	12.3	75	37.5	2	0.7
Private								
DePaul U.	281	81.0	155	51.3	36	5.9	90	23.8
Erikson Institute	32	13.0	9	4.0	19	7.0	4	2.0

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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. Maine	2,367	1,059.2	1,137	549.8	661	279.8	569	229.6
U. Southern Maine	101	27.7	30	5.5	36	10.9	35	11.3
Private								
Bates C.	69	45.5	21	14.8	48	30.7	0	0.0
Bowdoin C.	87	10.1	31	2.9	15	6.1	41	1.1
Colby C.	128	30.0	44	10.0	9	4.0	75	16.0
U. New England	100	29.2	35	10.2	34	15.2	31	3.8
Maryland								
Public								
Bowie State U.	173	43.0	41	10.0	0	0.0	132	33.0
Morgan State U.	583	184.0	266	97.0	55	24.0	262	63.0
Salisbury U.	371	90.7	66	12.7	0	0.0	305	78.0
St. Mary's C. Maryland	28	9.6	10	1.5	1	0.8	17	7.3
Towson U.	575	272.1	350	159.5	225	112.6	0	0.0
U. Baltimore	167	62.0	16	12.0	0	0.0	151	50.0
U. Maryland ^a	12,999	6,145.7	2,622	1,560.9	6,458	3,595.2	3,919	989.6
U. Maryland Center for Environmental Science	418	336.0	70	59.0	194	139.0	154	138.0
U. Maryland, Baltimore County	1,884	940.6	56	25.5	1,828	915.1	NA	NA
U. Maryland, Eastern Shore	56	25.7	30	13.7	20	10.0	6	2.0
U.S. Naval Academy	136	39.2	136	39.2	0	0.0	0	0.0
Uniformed Services U. of the Health Sciences	1,296	530.2	643	292.9	309	123.2	344	114.1
Private								
Johns Hopkins U. ^b	19,576	13,059.4	9,874	7,824.0	7,670	3,574.0	2,032	1,661.4
Massachusetts								
Public								
Framingham State U.	8	2.0	8	2.0	0	0.0	0	0.0
U. Massachusetts, Amherst	3,275	1,439.0	1,035	471.4	1,329	665.1	911	302.5
U. Massachusetts, Boston	1,289	365.8	354	115.9	795	201.3	140	48.6
U. Massachusetts, Dartmouth	546	320.3	158	144.3	18	17.8	370	158.2
U. Massachusetts, Lowell	1,740	1,370.0	320	236.0	1,120	930.0	300	204.0
U. Massachusetts, Medical School	3,048	2,488.0	1,486	1,113.3	996	877.0	566	497.7
Private								
Amherst C.	390	263.3	158	111.6	147	93.9	85	57.8
Babson C.	171	115.2	56	39.8	78	49.9	37	25.5
Bentley U.	12	1.2	12	1.2	0	0.0	0	0.0

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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
Boston C.	949	584.3	170	168.6	647	334.1	132	81.6
Boston U.	5,291	4,994.1	1,817	1,659.7	784	690.4	2,690	2,644.0
Brandeis U.	1,469	1,021.0	389	307.0	151	92.0	929	622.0
Clark U.	111	27.4	37	10.8	61	10.6	13	6.0
Franklin W. Olin C. of Engineering	67	4.5	14	1.6	52	2.8	1	0.1
Harvard U.	7,287	2,974.0	3,452	1,894.1	1,502	594.3	2,333	485.6
Massachusetts Institute of Technology	9,051	6,274.5	6,928	4,883.5	1,305	834.1	818	556.9
Merrimack C.	64	6.7	30	3.7	6	0.6	28	2.4
MGH Institute of Health Professions	52	32.0	52	32.0	0	0.0	0	0.0
Mount Holyoke C.	47	9.0	20	4.0	4	3.0	23	2.0
New England C. of Optometry	104	70.1	36	25.3	31	19.5	37	25.3
Northeastern U.	2,930	1,818.9	535	505.8	1,068	331.7	1,327	981.4
Smith C.	318	39.3	54	9.5	264	29.8	0	0.0
Suffolk U.	23	10.8	8	2.8	3	1.0	12	7.0
Tufts U.	3,834	949.1	897	316.0	279	163.5	2,658	469.6
Wellesley C.	361	247.4	76	53.6	5	3.2	280	190.6
Western New England U.	42	6.3	16	2.0	3	2.5	23	1.8
Williams C.	170	116.0	99	69.5	42	26.7	29	19.8
Woods Hole Oceanographic Institution	937	448.4	306	205.6	567	227.7	64	15.1
Worcester Polytechnic Institute	980	304.0	321	152.0	622	136.0	37	16.0
Michigan								
Public								
Central Michigan U.	547	230.9	230	104.8	309	123.4	8	2.7
Eastern Michigan U.	211	74.1	33	15.0	0	0.0	178	59.1
Ferris State U.	89	10.3	89	10.3	0	0.0	0	0.0
Grand Valley State U.	93	42.4	93	42.4	NA	NA	NA	NA
Lake Superior State U.	99	7.8	14	3.5	11	2.8	74	1.5
Michigan State U.	8,342	3,313.5	2,312	936.2	3,092	1,339.2	2,938	1,038.1
Michigan Technological U.	1,493	728.8	309	140.8	1,156	578.7	28	9.3
Northern Michigan U.	118	17.0	45	9.0	73	8.0	0	0.0
Oakland U.	489	137.4	136	28.4	353	109.0	NA	NA
Saginaw Valley State U.	209	93.4	105	47.6	66	33.1	38	12.7
U. Michigan, Ann Arbor	23,779	8,960.2	8,341	4,573.1	10,981	2,721.0	4,457	1,666.1
U. Michigan, Dearborn	447	72.4	114	21.5	319	47.6	14	3.3
Wayne State U.	2,889	2,057.1	811	655.7	1,336	1,060.9	742	340.5

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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
Western Michigan U. and Homer Stryker M.D. School of Medicine	729	202.4	222	90.3	74	34.8	433	77.3
Private								
Albion C.	4	1.5	4	1.5	0	0.0	0	0.0
Andrews U.	112	14.0	15	5.6	93	6.8	4	1.6
Calvin U.	121	21.9	62	8.0	54	13.0	5	0.9
Hope C.	608	401.5	108	76.1	360	230.1	140	95.3
Lawrence Technological U.	53	8.2	24	2.4	0	0.0	29	5.8
U. Detroit Mercy	176	121.3	114	80.4	34	21.5	28	19.4
Van Andel Research Institute	316	316.0	74	74.0	117	117.0	125	125.0
Minnesota								
Public								
Minnesota State U., Mankato	337	142.4	88	39.9	118	58.9	131	43.6
St. Cloud State U.	163	16.8	44	5.6	13	5.5	106	5.7
U. Minnesota, Duluth	447	102.8	173	39.7	20	1.5	254	61.6
U. Minnesota, Twin Cities	12,297	1,880.1	4,769	765.1	1,172	111.0	6,356	1,004.0
Private								
C. of Saint Benedict	130	88.5	62	43.7	40	25.6	28	19.2
Carleton C.	330	224.4	128	90.2	92	59.1	110	75.1
Gustavus Adolphus C.	97	14.3	42	4.0	4	2.9	51	7.4
Macalester C.	33	8.0	33	8.0	0	0.0	0	0.0
Saint John's U.	135	91.8	64	45.3	42	26.6	29	19.9
St. Olaf C.	185	32.6	54	8.9	131	23.7	0	0.0
U. of St. Thomas (MN)	320	15.4	38	1.0	227	10.5	55	3.9
Mississippi								
Public								
Alcorn State U.	307	129.6	115	52.2	83	41.3	109	36.1
Jackson State U.	229	104.2	111	51.8	2	1.3	116	51.1
Mississippi State U.	4,274	2,792.7	1,267	762.5	2,740	1,837.3	267	192.9
U. Mississippi	3,343	1,770.7	1,679	795.1	361	266.5	1,303	709.1
U. Southern Mississippi	198	192.9	90	89.5	64	60.4	44	43.0
Private								
Tougaloo C.	138	92.9	44	30.9	47	30.2	47	31.8
Missouri								
Public								
Lincoln U., Jefferson City	190	74.2	48	21.9	31	15.5	111	36.8

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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								
C. New Jersey	84	10.8	34	4.4	48	5.6	2	0.8
Kean U.	338	70.4	334	69.9	2	0.3	2	0.2
Montclair State U.	719	413.7	441	135.7	0	0.0	278	278.0
New Jersey Institute of Technology	1,089	845.0	540	450.0	224	120.0	325	275.0
Rowan U.	1,052	243.0	274	48.5	344	86.0	434	108.5
Rutgers, State U. New Jersey, Camden	37	16.9	37	16.9	NA	NA	NA	NA
Rutgers, State U. New Jersey, New Brunswick	1,400	637.8	1,400	637.8	NA	NA	NA	NA
Rutgers, State U. New Jersey, Newark	115	52.4	115	52.4	NA	NA	NA	NA
Stockton U.	138	20.1	30	13.7	108	6.4	0	0.0
William Paterson U.	39	13.0	30	9.0	4	3.0	5	1.0
Private								
Monmouth U.	60	16.0	17	5.0	40	9.0	3	2.0
Princeton U.	2,538	1,543.0	1,534	860.0	526	361.0	478	322.0
Seton Hall U.	124	94.0	34	19.0	12	10.0	78	65.0
Stevens Institute of Technology	155	107.0	155	107.0	NA	NA	NA	NA
New Mexico								
Public								
New Mexico Highlands U.	275	122.3	160	72.8	68	33.9	47	15.6
New Mexico Institute of Mining and Technology	1,100	446.9	165	75.2	364	182.2	571	189.5
New Mexico State U.	2,226	908.0	474	319.0	55	45.0	1,697	544.0
U. New Mexico	4,086	2,474.0	1,390	570.9	1,900	1,412.5	796	490.6
New York								
Public								
CUNY, Advanced Science Research Center	315	60.7	280	53.9	10	1.3	25	5.5
CUNY, Baruch C.	126	11.9	99	7.9	6	1.0	21	3.0
CUNY, Brooklyn C.	217	36.0	135	17.1	15	4.6	67	14.3
CUNY, C. Staten Island	133	22.0	109	17.6	1	0.1	23	4.3
CUNY, City C.	678	228.8	386	132.8	16	7.4	276	88.6
CUNY, Graduate Center	220	30.5	104	11.9	1	0.5	115	18.1
CUNY, Graduate School of Public Health and Health Policy	455	63.9	426	58.7	0	0.0	29	5.2
CUNY, Hunter C.	648	146.3	405	82.7	21	7.4	222	56.2
CUNY, John Jay C. of Criminal Justice	843	77.0	172	27.6	7	1.3	664	48.1
CUNY, Lehman C.	145	19.2	86	10.8	9	1.1	50	7.3
CUNY, New York City C. of Technology	69	5.0	34	3.3	13	0.4	22	1.3

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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
CUNY, Queens C.	321	72.2	151	21.5	19	5.2	151	45.5
CUNY, system office	27	6.0	8	2.0	1	0.0	18	4.0
CUNY, York C.	74	6.6	22	2.9	8	2.6	44	1.1
SUNY, Binghamton U.	1,543	708.9	868	485.4	611	159.5	64	64.0
SUNY, Buffalo State U.	73	36.0	15	3.0	9	8.0	49	25.0
SUNY, C. Brockport	63	17.8	10	2.0	52	15.0	1	0.8
SUNY, C. of Environmental Science and Forestry	585	210.7	70	22.2	214	141.5	301	47.0
SUNY, C. of Optometry	28	9.5	12	2.6	9	5.2	7	1.7
SUNY, C. Plattsburgh	37	9.6	10	5.8	5	1.8	22	2.0
SUNY, Cobleskill	19	10.0	3	2.0	16	8.0	0	0.0
SUNY, Downstate Health Sciences U.	205	138.0	84	23.0	96	91.0	25	24.0
SUNY, Geneseo	68	9.8	62	8.5	5	0.8	1	0.5
SUNY, Oswego	69	6.9	14	2.5	7	0.9	48	3.5
SUNY, Polytechnic Institute	265	120.8	125	56.9	103	51.6	37	12.3
SUNY, Stony Brook U.	3,138	1,753.2	625	605.1	1,984	996.4	529	151.7
SUNY, U. Albany	1,486	931.5	790	470.0	147	122.6	549	338.9
SUNY, U. Buffalo	4,271	1,741.1	1,945	886.0	1,234	492.6	1,092	362.5
SUNY, Upstate Medical U.	409	384.4	188	156.0	218	219.2	3	9.2
U.S. Military Academy	278	106.4	229	84.5	15	9.3	34	12.6
Private								
Albany C. of Pharmacy and Health Sciences	148	100.2	60	42.5	56	35.7	32	22.0
Albany Medical C.	356	229.7	149	105.0	113	61.0	94	63.7
Albert Einstein C. of Medicine	1,625	1,007.4	493	347.5	774	416.2	358	243.7
Alfred U.	41	13.8	35	10.8	6	3.0	0	0.0
Barnard C.	135	31.8	23	2.0	27	20.0	85	9.8
Canisius U.	38	26.0	7	4.9	0	0.0	31	21.1
Clarkson U.	597	400.0	127	89.5	229	146.4	241	164.1
Cold Spring Harbor Laboratory	1,145	764.0	376	265.4	603	385.3	166	113.3
Colgate U.	257	38.9	25	4.3	232	34.6	0	0.0
Columbia U. in the City of New York	11,166	9,560.0	6,305	5,455.5	684	647.0	4,177	3,457.5
Cornell U.	12,705	9,588.1	3,175	2,196.6	4,791	3,826.8	4,739	3,564.7
Fordham U.	411	280.7	38	26.8	0	0.0	373	253.9
Hamilton C.	149	27.0	70	15.7	60	10.0	19	1.3
Hobart and William Smith Colleges	93	17.8	20	2.5	73	15.3	0	0.0
Hofstra U.	287	187.5	191	134.6	87	46.8	9	6.1

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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
Icahn School of Medicine at Mount Sinai	3,650	2,703.0	1,187	645.0	1,918	1,673.0	545	385.0
Ithaca C.	78	3.7	44	0.8	0	0.0	34	2.9
Long Island U.	373	105.1	257	72.8	95	20.4	21	11.9
Manhattan C.	209	143.8	110	77.8	35	22.2	64	43.8
Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences	49	47.0	49	47.0	0	0.0	0	0.0
New School	480	329.3	191	134.6	47	30.0	242	164.7
New York Institute of Technology	171	105.0	41	21.0	82	43.0	48	41.0
New York Medical C.	163	111.3	116	81.8	17	9.1	30	20.4
New York U.	9,114	7,326.0	4,898	4,075.0	574	268.0	3,642	2,983.0
Pace U.	161	42.3	92	11.5	9	3.9	60	26.9
Pratt Institute	0	0.0	0	0.0	0	0.0	0	0.0
Rensselaer Polytechnic Institute	1,605	1,081.0	627	442.2	640	408.9	338	229.9
Rochester Institute of Technology	1,245	287.3	532	179.6	629	72.5	84	35.2
Rockefeller U.	975	772.4	512	425.5	348	298.1	115	48.8
Skidmore C.	76	15.3	30	7.1	46	8.2	0	0.0
St. John's U., New York	154	103.5	65	45.7	55	34.9	34	22.9
Syracuse U.	2,851	971.0	2,276	853.9	65	13.0	510	104.1
Teachers C., Columbia U.	72	50.8	72	50.8	NA	NA	NA	NA
Touro U., New York	417	386.4	69	58.1	185	171.4	163	156.9
U. Rochester	4,445	2,634.1	1,139	802.9	2,933	1,577.3	373	253.9
Union C., Schenectady	318	214.8	174	122.7	143	91.4	1	0.7
Vassar C.	54	38.0	52	36.7	1	0.6	1	0.7
Yeshiva U.	53	35.3	21	14.8	32	20.5	0	0.0
North Carolina								
Public								
Appalachian State U.	116	11.0	114	10.0	2	1.0	0	0.0
East Carolina U.	1,771	389.1	635	75.0	951	227.9	185	86.2
Elizabeth City State U.	13	4.0	13	4.0	NA	NA	NA	NA
Fayetteville State U.	393	159.7	117	53.2	88	44.0	188	62.5
North Carolina A&T State U.	686	329.0	320	145.8	366	183.2	0	0.0
North Carolina Central U.	477	214.4	153	69.6	221	110.6	103	34.2
North Carolina State U.	7,422	5,737.3	3,500	3,165.3	889	782.2	3,033	1,789.8
U. North Carolina, Asheville	130	63.0	50	25.0	53	25.0	27	13.0
U. North Carolina, Chapel Hill	12,634	5,031.9	3,992	1,818.6	5,126	2,046.4	3,516	1,166.9
U. North Carolina, Charlotte	1,384	310.7	306	40.3	841	233.7	237	36.7

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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. North Carolina, Greensboro	1,106	516.8	555	252.9	480	240.3	71	23.6
U. North Carolina, Wilmington	681	324.0	305	115.0	159	111.0	217	98.0
Western Carolina U.	139	82.9	29	2.9	108	78.1	2	1.9
Winston-Salem State U.	51	16.0	49	15.0	2	1.0	0	0.0
Private								
Davidson C.	250	52.0	30	7.0	7	7.0	213	38.0
Duke U.	9,844	6,470.4	4,620	2,894.6	3,919	2,825.1	1,305	750.7
Elon U.	242	166.3	96	67.7	18	11.5	128	87.1
Johnson C. Smith U.	66	26.0	13	5.5	0	0.0	53	20.5
Wake Forest U.	2,730	1,763.1	884	623.1	816	438.8	1,030	701.2
North Dakota								
Public								
North Dakota State U.	2,741	1,919.6	342	255.6	1,191	811.2	1,208	852.8
U. North Dakota	1,407	611.0	1,015	462.4	274	109.4	118	39.2
Private								
United Tribes Technical C.	25	10.0	5	4.0	5	4.0	15	2.0
Ohio								
Public								
Air Force Institute of Technology	402	247.7	206	88.5	153	137.7	43	21.5
Bowling Green State U.	837	224.7	98	29.1	739	195.6	0	0.0
Central State U.	167	47.0	38	17.0	6	4.0	123	26.0
Cleveland State U.	1,105	492.8	515	234.7	368	184.4	222	73.7
Kent State U.	1,266	601.8	644	293.4	604	302.4	18	6.0
Miami U.	597	272.0	597	272.0	NA	NA	NA	NA
Northeast Ohio Medical U.	140	106.8	91	63.9	43	37.9	6	5.0
Ohio State U.	13,842	5,451.1	3,663	1,523.6	9,581	3,648.9	598	278.6
Ohio U.	712	147.9	189	50.8	522	96.5	1	0.6
U. Akron	539	263.6	126	57.4	410	205.2	3	1.0
U. Cincinnati	4,715	2,282.0	1,777	882.0	2,519	1,148.0	419	252.0
U. Toledo	1,351	768.6	551	476.7	527	198.9	273	93.0
Wright State U.	388	161.6	100	61.4	275	88.2	13	12.0
Youngstown State U.	127	23.8	22	2.9	105	20.9	0	0.0
Private								
C. Wooster	51	35.1	17	12.0	2	1.3	32	21.8
Case Western Reserve U.	3,236	2,040.0	1,022	720.7	1,313	706.1	901	613.2

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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
Heidelberg U.	10	8.4	5	4.3	4	3.5	1	0.6
Kenyon C.	62	7.9	15	4.2	47	3.7	0	0.0
Oberlin C.	102	7.8	26	3.7	76	4.1	0	0.0
U. Dayton	1,243	784.1	909	525.5	128	103.9	206	154.7
Oklahoma								
Public								
Langston U.	206	93.2	143	65.4	42	20.8	21	7.0
Oklahoma State U., Center for Health Sciences	121	57.2	50	12.3	12	5.6	59	39.3
Oklahoma State U., Stillwater	2,467	1,050.4	1,616	675.2	183	113.7	668	261.5
U. Central Oklahoma	174	72.8	38	17.5	59	29.7	77	25.6
U. Oklahoma, Norman and Health Science Center	3,236	1,278.6	833	379.5	1,510	602.8	893	296.3
U. Oklahoma, Tulsa	135	52.5	24	10.9	72	28.7	39	12.9
Private								
U. Tulsa	489	161.9	287	97.9	12	7.1	190	56.9
Oregon								
Public								
Oregon Health and Science U.	3,977	1,585.2	1,317	600.0	1,521	607.2	1,139	378.0
Oregon Institute of Technology	143	62.4	94	43.0	19	9.3	30	10.1
Oregon State U.	4,865	1,445.2	870	257.1	3,143	971.6	852	216.5
Portland State U.	688	492.0	592	411.0	54	44.0	42	37.0
U. Oregon	1,773	593.3	351	66.9	1,354	501.5	68	24.9
Private								
Lewis and Clark C.	223	34.2	46	13.7	162	14.9	15	5.6
National U. of Natural Medicine	13	8.7	11	7.1	0	0.0	2	1.6
Pacific U.	206	139.4	77	54.3	65	41.5	64	43.6
Reed C.	155	104.3	41	28.8	63	40.5	51	35.0
Willamette U.	88	13.2	39	6.5	44	4.2	5	2.5
Pennsylvania								
Public								
East Stroudsburg U. Pennsylvania	69	23.3	34	7.5	34	15.3	1	0.5
Indiana U. Pennsylvania	254	46.2	109	17.8	137	26.6	8	1.8
Lincoln U.	16	7.0	16	7.0	0	0.0	0	0.0
Pennsylvania State U., Altoona	32	14.6	32	14.6	NA	NA	NA	NA
Pennsylvania State U., Behrend	90	41.0	90	41.0	NA	NA	NA	NA
Pennsylvania State U., Harrisburg	78	35.5	78	35.5	NA	NA	NA	NA

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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	
Pennsylvania State U., University Park and Hershey Medical Center	4,608	2,099.4	i	4,608	2,099.4	i	NA	NA		NA	NA	
Temple U.	3,423	2,438.4		643	346.5		1,039	901.1		1,741	1,190.8	
U. Pittsburgh, Pittsburgh	12,470	6,969.4		2,800	1,618.3		6,492	3,970.1		3,178	1,381.0	
U.S. Army War C.	155	68.9	i	63	28.6	i	58	29.1	i	34	11.2	i
West Chester U. Pennsylvania	491	197.8	i	272	123.9	i	7	3.5	i	212	70.4	i
Private												
Arcadia U.	59	11.6		19	4.0		39	7.4		1	0.2	
Bryn Mawr C.	152	32.4		142	31.0		2	0.3		8	1.1	
Bucknell U.	441	304.0	i	174	122.7	i	12	7.7	i	255	173.6	i
Carnegie Mellon U.	4,542	3,081.7	i	2,589	1,825.0	i	1,750	1,118.5	i	203	138.2	i
Drexel U.	2,511	2,194.6		1,422	1,259.1		477	353.0		612	582.5	
Duquesne U.	342	233.5		52	51.5		67	37.0		223	145.0	
Franklin and Marshall C.	271	44.0		36	9.0		69	18.0		166	17.0	
Gettysburg C.	44	2.0		20	2.0		24	NA		0	0.0	
Haverford C.	37	9.1		29	1.3		7	7.0		1	0.8	
Lafayette C.	230	156.2	i	140	98.7	i	90	57.5	i	0	0.0	i
Lehigh U.	1,041	430.2		193	47.1		770	336.0		78	47.1	
Philadelphia C. of Osteopathic Medicine	32	27.2		7	3.1		21	20.4		4	3.7	
Robert Morris U.	123	17.0		119	13.0		0	0.0		4	4.0	
Saint Joseph's U.	151	31.0		76	9.3		46	19.6		29	2.1	
Swarthmore C.	381	72.4		48	9.1		54	11.4		279	51.9	
Thomas Jefferson U.	1,680	707.0		693	208.0		877	474.0		110	25.0	
U. Pennsylvania	16,297	11,984.2		1,492	558.2		2,675	2,420.4		12,130	9,005.6	
U. Scranton	248	170.3	i	154	108.8	i	56	35.9	i	38	25.6	i
Ursinus C.	36	24.7	i	19	13.4	i	6	3.8	i	11	7.5	i
Villanova U.	327	94.3		144	37.3		164	48.0		19	9.0	
Rhode Island												
Public												
Naval War C.	0	0.0		0	0.0		0	0.0		0	0.0	
Rhode Island C.	15	4.1		12	2.7		3	1.4		0	0.0	
U. Rhode Island	1,781	470.1		1,458	383.4		16	9.8		307	76.9	
Private												
Brown U.	790	576.0		215	117.0		552	448.0		23	11.0	
Bryant U.	60	9.0		51	6.2		9	2.8		0	0.0	
Providence C.	63	12.0		32	7.0		5	1.0		26	4.0	

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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
Roger Williams U.	153	16.4	48	6.9	93	9.0	12	0.5
South Carolina								
Public								
C. Charleston	193	32.2	62	10.3	124	17.7	7	4.2
Citadel Military C. South Carolina	85	18.1	31	11.4	52	6.0	2	0.7
Clemson U.	3,425	823.0	450	13.0	646	101.0	2,329	709.0
Coastal Carolina U.	134	21.7	39	6.7	94	14.9	1	0.1
Medical U. South Carolina	2,221	884.5	702	319.7	901	359.7	618	205.1
South Carolina State U.	201	49.0	50	15.0	114	23.0	37	11.0
U. South Carolina, Aiken	61	33.6	15	15.0	21	8.8	25	9.8
U. South Carolina, Beaufort	29	23.2	11	10.1	9	6.2	9	6.9
U. South Carolina, Columbia	2,889	1,992.8	567	552.7	1,593	974.1	729	466.0
Winthrop U.	153	20.0	33	8.0	114	11.0	6	1.0
Private								
Benedict C.	23	8.0	15	3.0	2	1.0	6	4.0
Clafin U.	20	4.6	8	0.7	1	0.1	11	3.8
Furman U.	69	9.4	37	4.3	5	1.2	27	3.9
South Dakota								
Public								
Black Hills State U.	21	7.6	6	2.0	11	3.0	4	2.6
Dakota State U.	29	15.3	24	14.0	4	1.0	1	0.3
South Dakota School of Mines and Technology	284	87.0	81	19.0	200	66.0	3	2.0
South Dakota State U.	1,268	350.9	292	111.4	941	230.3	35	9.2
U. South Dakota	1,094	648.3	327	312.9	614	217.7	153	117.7
Tennessee								
Public								
Austin Peay State U.	163	65.9	47	3.1	97	48.5	19	14.3
East Tennessee State U.	395	257.0	118	77.0	169	110.0	108	70.0
Middle Tennessee State U.	246	100.4	60	27.2	67	33.6	119	39.6
Tennessee State U.	363	127.1	224	102.1	0	0.0	139	25.0
Tennessee Technological U.	404	62.0	74	9.8	330	52.2	0	0.0
U. Memphis	2,296	173.3	159	37.0	NA	NA	2,137	136.3
U. Tennessee, Chattanooga	390	118.0	150	33.0	212	64.0	28	21.0
U. Tennessee, Health Science Center	1,239	758.0	610	376.0	535	327.0	94	55.0
U. Tennessee, Knoxville	5,782	2,792.0	1,879	1,112.0	3,338	1,202.0	565	478.0

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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								
Fisk U.	153	15.8	146	9.8	4	3.5	3	2.5
Lincoln Memorial U.	0	0.0	0	0.0	0	0.0	0	0.0
Lipscomb U.	31	5.3	31	5.3	0	0.0	0	0.0
Meharry Medical C.	149	98.2	75	52.9	36	19.4	38	25.9
Vanderbilt U. and Vanderbilt U. Medical Center	9,211	6,044.3	4,249	2,994.9	3,129	1,801.9	1,833	1,247.5
Texas								
Public								
Lamar U.	408	172.0	98	44.6	145	72.6	165	54.8
Prairie View A&M U.	581	351.8	192	152.9	25	25.0	364	173.9
Sam Houston State U.	368	144.4	99	45.1	149	59.5	120	39.8
Stephen F. Austin State U.	275	122.9	69	31.4	137	68.6	69	22.9
Sul Ross State U.	175	71.9	56	25.7	41	20.4	78	25.8
Tarleton State U.	429	291.0	100	99.0	68	51.0	261	141.0
Texas A&M International U.	153	63.0	49	22.5	36	17.9	68	22.6
Texas A&M U., College Station and Health Science Center	15,205	5,163.9	2,574	913.7	8,267	2,966.2	4,364	1,284.0
Texas A&M U.-Commerce	304	114.9	59	26.9	40	20.0	205	68.0
Texas A&M U.-Corpus Christi	740	207.4	248	70.0	164	62.8	328	74.6
Texas A&M U.-Kingsville	634	386.2	163	131.9	175	84.4	296	169.9
Texas A&M U.-San Antonio	81	54.6	28	16.9	18	12.0	35	25.7
Texas Southern U.	113	69.1	51	36.8	30	20.0	32	12.3
Texas State U.	1,689	563.0	331	110.0	0	0.0	1,358	453.0
Texas Tech U.	4,139	1,408.5	1,382	626.9	1,748	504.1	1,009	277.5
Texas Tech U., Health Sciences Center	564	239.6	230	72.1	233	91.8	101	75.7
Texas Tech U., Health Sciences Center, El Paso	165	95.5	36	17.2	83	48.9	46	29.4
Texas Woman's U.	315	115.0	84	38.3	0	0.0	231	76.7
U. Houston	2,150	1,529.8	1,278	995.9	44	43.5	828	490.4
U. Houston-Clear Lake	80	29.0	76	27.0	2	1.0	2	1.0
U. Houston-Downtown	105	65.0	37	30.0	0	0.0	68	35.0
U. North Texas, Denton	1,594	840.0	874	465.0	633	299.0	87	76.0
U. North Texas, Health Science Center	202	192.1	202	192.1	0	0.0	0	0.0
U. Texas Health Science Center, Houston	4,904	2,837.5	888	527.1	2,773	1,540.7	1,243	769.7
U. Texas Health Science Center, San Antonio	2,387	1,565.0	603	302.6	1,304	967.0	480	295.4
U. Texas Health Science Center, Tyler	324	142.0	219	99.8	44	22.1	61	20.1
U. Texas M. D. Anderson Cancer Center	7,735	5,115.0	1,931	1,129.0	4,781	3,323.0	1,023	663.0

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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								
Christopher Newport U.	137	29.0	137	29.0	0	0.0	0	0.0
Eastern Virginia Medical School	193	110.2	73	20.6	98	75.2	22	14.4
George Mason U.	3,093	1,433.4	660	620.3	1,426	668.3	1,007	144.8
James Madison U.	497 i	221.2 i	235 i	107.1 i	160 i	80.2 i	102 i	33.9 i
Norfolk State U.	118	71.3	39	30.5	67	32.8	12	8.0
Old Dominion U.	971	207.6	335	76.0	621	124.0	15	7.6
Radford U.	65	57.0	65	57.0	0	0.0	0	0.0
U. of Mary Washington	46	10.8	25	7.5	15	1.5	6	1.8
U. Virginia's C. Wise	35	13.7 i	10	4.6 i	5	2.5 i	20	6.6 i
U. Virginia, Charlottesville	7,800	3,030.7 i	1,884	858.3 i	3,104	1,239.2 i	2,812	933.2 i
Virginia Commonwealth U.	4,518	1,558.1 i	475	216.4 i	NA	NA	4,043	1,341.7 i
Virginia Military Institute	65	19.5	18	8.0	42	9.0	5	2.5
Virginia Polytechnic Institute and State U.	8,225 i	3,285.9 i	2,586 i	1,178.0 i	3,516 i	1,403.5 i	2,123 i	704.4 i
Virginia State U.	243 i	106.3 i	156 i	71.0 i	38 i	19.0 i	49 i	16.3 i
William & Mary	1,652 i	794.0 i	392 i	178.6 i	1,169 i	585.3 i	91	30.1
Private								
Edward Via C. of Osteopathic Medicine	76	37.0	55	23.0	11	8.0	10	6.0
Hampton U.	106	78.0	51	44.0	0	0.0	55	34.0
Liberty U.	163 i	108.3 i	113 i	79.4 i	33 i	17.6 i	17 i	11.3 i
Marymount U.	124	23.1	95	18.9	21	3.2	8	1.0
U. Richmond	130	23.3	41	9.3	76	11.0	13	3.0
Washington								
Public								
Central Washington U.	125	19.0	44	8.0	78	9.0	3	2.0
Eastern Washington U.	84	15.1	14	2.9	43	8.3	27	3.9
Northwest Indian C.	160 i	70.4 i	89 i	40.4 i	38 i	19.2 i	33 i	10.8 i
U. Washington, Bothell	160	31.0	93	21.0	6	3.0	61	7.0
U. Washington, Seattle	14,134	5,690.0	8,710	3,421.0	1,322	772.0	4,102	1,497.0
U. Washington, Tacoma	140	26.1	88	16.9	18	4.4	34	4.8
Washington State U.	4,628	1,766.7 i	1,183	539.0 i	1,254	500.6 i	2,191	727.1 i
Western Washington U.	519	102.9	161	30.5	327	68.9	31	3.5
Private								
Seattle U.	85	59.9 i	85	59.9 i	NA	NA	NA	NA
U. Puget Sound	248 i	170.8 i	161 i	113.2 i	47 i	30.3 i	40 i	27.3 i

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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
Whitman C.	233	21.6	228	20.3	5	1.3	0	0.0
West Virginia								
Public								
Marshall U.	671	303.0	251	50.0	126	75.0	294	178.0
West Virginia School of Osteopathic Medicine	258	105.4	124	56.7	61	24.5	73	24.2
West Virginia State U.	48	27.9	16	13.0	12	10.2	20	4.7
West Virginia U.	3,937	2,232.7	1,385	769.3	1,429	895.1	1,123	568.3
Wisconsin								
Public								
U. Wisconsin-Eau Claire	201	97.6	60	27.3	139	69.6	2	0.7
U. Wisconsin-Green Bay	318	139.4	130	59.4	105	52.4	83	27.6
U. Wisconsin-La Crosse	267	32.5	85	7.0	176	19.8	6	5.7
U. Wisconsin-Madison	18,259	6,885.0	4,571	2,196.7	6,841	2,831.6	6,847	1,856.7
U. Wisconsin-Milwaukee	1,775	950.8	269	241.9	1,506	708.9	0	0.0
U. Wisconsin-Oshkosh	86	20.0	69	10.0	15	8.7	2	1.3
U. Wisconsin-Platteville	161	68.2	40	18.2	59	29.5	62	20.5
U. Wisconsin-River Falls	268	116.0	158	71.8	47	23.3	63	20.9
U. Wisconsin-Stevens Point	195	74.3	23	10.5	40	20.0	132	43.8
U. Wisconsin-Superior	77	18.0	28	6.0	42	9.0	7	3.0
Private								
Marquette U.	1,335	624.5	375	194.5	612	289.5	348	140.5
Medical C. Wisconsin	2,634	1,266.2	778	325.1	1,610	840.7	246	100.4
Milwaukee School of Engineering	101	39.8	38	10.6	46	27.6	17	1.6
Northland C.	249	171.4	161	113.6	48	30.4	40	27.4
Wyoming								
Public								
U. Wyoming	1,787	699.5	223	88.0	548	274.3	1,016	337.2
Guam								
Public								
U. Guam	324	187.9	44	25.4	214	113.4	66	49.1
Puerto Rico								
Public								
U. Puerto Rico, Cayey	66	21.0	15	4.0	3	2.0	48	15.0
U. Puerto Rico, Humacao	42	10.6	23	5.4	12	2.9	7	2.3
U. Puerto Rico, Mayaguez	360	86.0	60	32.0	0	0.0	300	54.0

TABLE 79

Headcount and FTEs of R&D personnel at higher education institutions, by state, institutional control, institution, and personnel function: FY 2023

(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. Puerto Rico, Medical Sciences Campus	409	142.0	128	56.0	107	33.0	174	53.0
U. Puerto Rico, Ponce	4	1.0	4	1.0	0	0.0	0	0.0
U. Puerto Rico, Rio Piedras	512	294.0	146	75.0	26	24.0	340	195.0
Private								
U. Ana G. Mendez, Gurabo	33	22.3	i 10	7.0	i 9	5.8	i 14	9.5
U. Central del Caribe	114	86.0	29	27.0	62	44.0	23	15.0
Virgin Islands								
Public								
U. of the Virgin Islands	297	109.1	i 37	16.9	i 35	17.5	i 225	74.7

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

FTE = full-time equivalent.

^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 8,404 personnel and 8,150 FTEs 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):

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 2022. Institutions reporting less than \$1 million in total R&D expenditures in FY 2022 completed a shorter version of the survey form in FY 2023 that did not include this question.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2023.