TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
All states and outlying areas	41,303,924	53,831	162	19,995	417,646	4,499,967	2,458,641	1,287,520	753,806	1,476,523	60,960
Alabama	551,112	0	0	7,821	4,694	42,146	18,670	23,281	195	11,992	660
Alabama A&M U.	10,916	0	0	0	0	1,479	1,479	0	0	0	0
Alabama State U.	2,457	0	0	0	0	420	420	0	0	0	0
Auburn U., Auburn	68,196	0	0	7,821	935	1,759	1,018	740	0	3,617	260
Jacksonville State U.	415	0	0	0	0	0	0	0	0	0	0
Marine Environmental Sciences Consortium	499	0	0	0	0	0	0	0	0	0	0
Oakwood U.	386	0	0	0	0	0	0	0	0	0	0
Stillman C.	342	0	0	0	0	0	0	0	0	0	0
Troy U.	162	0	0	0	0	0	0	0	0	0	0
Tuskegee U.	14,298	0	0	0	0	357	357	0	0	0	0
U. Alabama, The, Birmingham	344,047	0	0	0	0	17,392	2,049	15,343	0	805	0
U. Alabama, The, Huntsville	26,135	0	0	0	993	11,651	11,295	161	195	0	4
U. Alabama, The, Tuscaloosa	59,947	0	0	0	2,154	1,202	672	530	0	7,470	397
U. South Alabama	23,307	0	0	0	612	7,887	1,380	6,507	0	100	0
U. West Alabama, The	6	0	0	0	0	0	0	0	0	0	0
Alaska	103,857	0	0	0	3,036	9,803	8,041	0	1,762	1,130	2,605
Alaska Pacific U.	1,196	0	0	0	0	0	0	0	0	0	0
Ilisagvik C.	100	0	0	0	0	0	0	0	0	0	0
U. Alaska System of Higher Education	6,536	0	0	0	0	0	0	0	0	750	811
U. Alaska, Anchorage	7,514	0	0	0	0	1,083	0	0	1,083	380	100
U. Alaska, Fairbanks	84,940	0	0	0	0	8,720	8,041	0	679	0	1,694
U. Alaska, Southeast	3,570	0	0	0	3,036	0	0	0	0	0	0
Arizona	594,442	1,000	0	4,428	3,983	87,842	60,514	25,304	2,023	15,234	254
Arizona Board of Regents	527	0	0	0	0	527	0	0	527	0	0
Arizona State U.	205,750	1,000	0	4,428	2,121	39,334	34,419	4,172	743	7,844	0
Dine C.	1,110	0	0	0	0	0	0	0	0	0	0
Maricopa Community Colleges	732	0	0	0	0	0	0	0	0	0	0
Midwestern U., Glendale	1,305	0	0	0	0	0	0	0	0	0	0
Northern Arizona U.	43,985	0	0	0	618	6,604	2,160	3,914	530	2,371	168
Pima Community C.	245	0	0	0	0	0	0	0	0	0	0
Tohono O'odham Community C.	298	0	0	0	0	0	0	0	0	0	0
U. Arizona	340,488	0	0	0	1,245	41,374	23,935	17,217	221	5,018	86
U. Phoenix	3	0	0	0	0	3	0	0	3	0	0
Arkansas	129,614	0	0	0	0	16,352	11,662	4,690	0	3,491	0
Arkansas Colleges of Health Education	375	0	0	0	0	0	0	0	0	0	0
Arkansas State U., Jonesboro	1,054	0	0	0	0	0	0	0	0	0	0
Harding U.	111	0	0	0	0	0	0	0	0	0	0
North Arkansas C.	279	0	0	0	0	0	0	0	0	0	0
Ouachita Baptist U.	150	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
U. Arkansas for Medical Sciences	61,640	0	0	0	0	382	0	382	0	0	0
U. Arkansas, Fayetteville	39,246	0	0	0	0	9,182	7,655	1,528	0	0	0
U. Arkansas, Little Rock	2,090	0	0	0	0	0	0	0	0	0	0
U. Arkansas, Pine Bluff	6,686	0	0	0	0	1,199	1,199	0	0	0	0
U. Arkansas, System Office	17,970	0	0	0	0	5,589	2,808	2,781	0	3,491	0
U. Central Arkansas	12	0	0	0	0	0	0	0	0	0	0
California	5,822,928	6,295	0	0	29,306	600,962	430,520	132,622	37,820	172,321	11,435
Bakersfield C.	184	0	0	0	0	0	0	0	0	0	0
C. Canyons	129	0	0	0	0	0	0	0	0	0	0
California Community Colleges	30	0	0	0	0	0	0	0	0	0	0
California Institute of Technology	251,220	0	0	0	199	27,691	26,786	905	0	19,145	4,201
California Lutheran U.	324	0	0	0	0	0	0	0	0	0	0
California Polytechnic State U., San Luis Obispo	5,767	0	0	0	0	103	103	0	0	0	32
California State Polytechnic U., Pomona	3,689	0	0	0	0	345	345	0	0	0	0
California State U., Bakersfield	757	0	0	0	0	0	0	0	0	0	5
California State U., Channel Islands	847	0	0	0	0	0	0	0	0	0	0
California State U., Chico	597	0	0	0	0	237	237	0	0	0	0
California State U., Dominguez Hills	3,557	0	0	0	0	1,121	1,121	0	0	0	0
California State U., East Bay	1,751	0	0	0	0	0	0	0	0	0	23
California State U., Fresno	3,660	0	0	0	0	383	378	0	5	0	0
California State U., Fullerton	6,487	0	0	0	0	584	584	0	0	0	100
California State U., Long Beach	10,768	0	0	0	0	1,059	1,059	0	0	0	0
California State U., Los Angeles	5,606	0	0	0	0	180	180	0	0	0	0
California State U., Monterey Bay	1,977	0	0	0	0	0	0	0	0	0	92
California State U., Northridge	16,543	0	0	0	391	1,526	1,526	0	0	420	0
California State U., Sacramento	2,647	0	0	0	0	0	0	0	0	0	1,418
California State U., San Bernardino	4,736	0	0	0	0	0	0	0	0	0	0
California State U., San Marcos	4,380	0	0	0	0	1,500	1,500	0	0	0	0
California State U., Stanislaus	498	0	0	0	0	0	0	0	0	0	26
California State U., system office	89	0	0	0	0	0	0	0	0	0	0

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(Dollars in thousands)

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						Total	Research	Development			
								Advanced technology	Major systems		
Cerritos C.	149	0	0	0	0	0	0	0	0	79	0
Chapman U.	8,094	0	0	0	0	1,231	1,231	0	0	0	0
Charles R. Drew U. Medicine and Science	7,859	0	0	0	0	0	0	0	0	0	0
Citrus C.	187	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U.	157	0	0	0	0	0	0	0	0	0	0
Claremont McKenna C.	562	0	0	0	0	0	0	0	0	0	0
Coast Community C., district office	371	0	0	0	0	0	0	0	0	0	0
Feather River Community C. District	188	0	0	0	0	0	0	0	0	0	0
Fielding Graduate U.	407	0	0	0	0	0	0	0	0	0	0
Foothill-De Anza Community C. District, Foothill C.	105	0	0	0	0	0	0	0	0	0	0
Harvey Mudd C.	1,387	0	0	0	0	50	50	0	0	0	0
Humboldt State U.	739	0	0	0	0	0	0	0	0	0	149
Keck Graduate Institute	1,048	0	0	0	0	0	0	0	0	0	0
Loma Linda U.	9,451	0	0	0	0	0	0	0	0	0	0
Los Angeles Community C. District, Los Angeles Harbor C.	70	0	0	0	0	0	0	0	0	0	0
Los Angeles Community C. District, Pierce C.	368	0	0	0	0	0	0	0	0	0	0
Loyola Marymount U.	763	0	0	0	0	0	0	0	0	0	0
Menlo C.	184	0	0	0	0	0	0	0	0	0	0
Merced Community C. District	188	0	0	0	0	0	0	0	0	0	0
Monterey Peninsula C.	108	0	0	0	0	0	0	0	0	0	0
Mount Saint Mary's U.	374	0	0	0	0	0	0	0	0	0	0
National Physical Science Consortium	423	0	0	0	423	0	0	0	0	0	0
Naval Postgraduate School	35,126	0	0	0	0	33,501	17,440	2,741	13,319	25	0
Occidental C.	514	0	0	0	0	0	0	0	0	0	0
Palo Alto U.	185	0	0	0	0	0	0	0	0	0	0
Pepperdine U., Malibu	2,401	0	0	0	0	0	0	0	0	0	0
Pomona C.	710	0	0	0	0	0	0	0	0	0	0
Rancho Santiago Community C. District, Santa Ana	70	0	0	0	0	0	0	0	0	0	0
Rio Hondo C.	1,021	0	0	0	0	0	0	0	0	0	0
Riverside Community C. District	375	0	0	0	0	0	0	0	0	0	0
Saddleback C.	1,459	0	0	0	0	0	0	0	0	0	0
Saint Mary's C. California	596	0	0	0	0	0	0	0	0	0	0
San Diego Community C., district office	183	0	0	0	0	0	0	0	0	0	0
San Diego State U., San Diego	54,927	0	0	0	209	6,642	5,321	1,126	195	290	2,378

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Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
San Francisco State U.	8,945	0	0	0	0	0	0	0	0	524	0
San Jose State U.	18,543	0	0	0	1,390	90	90	0	0	150	91
San Jose-Evergreen Community C. District, Evergreen Valley C.	187	0	0	0	0	0	0	0	0	0	0
San Mateo County Community C. District	375	0	0	0	0	0	0	0	0	0	0
Santa Clara U.	979	0	0	0	150	0	0	0	0	0	0
Santa Monica C.	148	0	0	0	0	0	0	0	0	0	0
Scripps C.	403	0	0	0	0	0	0	0	0	0	0
Scripps Research Institute, The	275,052	0	0	0	0	169	169	0	0	550	0
Sonoma State U.	1,078	0	0	0	0	0	0	0	0	0	0
Southern California U. Health Sciences	460	0	0	0	0	0	0	0	0	0	0
Southwestern C., Chula Vista	130	0	0	0	0	0	0	0	0	0	0
Stanford U.	778,508	0	0	0	181	83,832	52,455	31,377	0	24,230	79
U. California, Berkeley	256,347	0	0	0	575	27,880	26,948	892	40	30,719	32
U. California, Cooperative Extension	2,397	0	0	0	0	1,755	1,755	0	0	0	0
U. California, Davis	379,098	6,295	0	0	360	15,385	11,184	4,155	46	10,678	839
U. California, Irvine	270,806	0	0	0	1,842	14,520	13,010	1,511	0	12,275	454
U. California, Los Angeles	737,785	0	0	0	336	50,427	32,924	17,503	0	25,223	0
U. California, Merced	19,234	0	0	0	0	1,967	1,967	0	0	1,145	0
U. California, Office of the President	132,923	0	0	0	0	720	0	720	0	0	0
U. California, Riverside	90,382	0	0	0	0	11,964	11,480	484	0	5,133	57
U. California, San Diego	848,318	0	0	0	19,280	93,764	77,869	14,670	1,226	20,322	278
U. California, San Francisco	836,277	0	0	0	21	43,985	11,464	32,522	0	0	0
U. California, Santa Barbara	156,306	0	0	0	543	68,379	45,608	160	22,611	10,751	293
U. California, Santa Cruz	80,350	0	0	0	945	9,976	9,961	10	5	6,663	789
U. La Verne	235	0	0	0	0	0	0	0	0	0	0
U. Pacific	1,396	0	0	0	0	0	0	0	0	0	0
U. Redlands	249	0	0	0	0	0	0	0	0	0	0
U. San Diego	4,589	0	0	0	0	1,689	1,689	0	0	0	0
U. San Francisco	1,999	0	0	0	0	752	0	752	0	0	0
U. Southern California	458,530	0	0	0	2,462	96,480	74,085	22,021	374	3,998	97
Western U. Health Sciences	3,666	0	0	0	0	1,073	0	1,073	0	0	0
Westmont C.	200	0	0	0	0	0	0	0	0	0	0
Whittier C.	43	0	0	0	0	0	0	0	0	0	0
Colorado	1,137,307	0	0	0	69,935	67,952	44,001	22,925	1,026	45,836	5,507
Colorado C.	495	0	0	0	0	0	0	0	0	0	0
Colorado Christian U.	1	0	0	0	0	0	0	0	0	0	0
Colorado School of Mines	35,287	0	0	0	957	5,172	3,497	1,296	379	4,693	597

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(Dollars in thousands)

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						Total	Research	Development			
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Colorado State U., Fort Collins	113,909	0	0	0	1,050	8,614	5,498	3,116	0	8,711	96
Colorado State U., Pueblo	5,959	0	0	0	0	650	650	0	0	3,695	111
Colorado State U., system office	22,185	0	0	0	8,410	0	0	0	0	5,444	3,516
Colorado Theological Seminary	720	0	0	0	0	720	0	720	0	0	0
Fort Lewis C.	1,043	0	0	0	0	0	0	0	0	0	0
Front Range Community C.	436	0	0	0	0	0	0	0	0	0	0
Metropolitan State U. Denver	935	0	0	0	0	0	0	0	0	0	0
Regis U.	250	0	0	0	0	0	0	0	0	0	0
U. Colorado Boulder	754,809	0	0	0	42,424	52,410	34,356	17,792	262	19,821	767
U. Corp. for Atmospheric Research	176,701	0	0	0	17,094	385	0	0	385	3,473	0
U. Denver	8,547	0	0	0	0	0	0	0	0	0	40
U. Northern Colorado	734	0	0	0	0	0	0	0	0	0	279
UNAVCO Inc.	15,197	0	0	0	0	0	0	0	0	0	0
Western Colorado U.	100	0	0	0	0	0	0	0	0	0	100
Connecticut	785,534	1,250	0	0	2,985	43,373	30,966	12,407	*	11,250	381
Central Connecticut State U.	75	0	0	0	0	0	0	0	0	0	0
Connecticut Board of Regents for Higher Education	4,127	0	0	0	0	0	0	0	0	3,366	0
Connecticut C.	223	0	0	0	0	0	0	0	0	0	0
Eastern Connecticut State U.	5	0	0	0	0	0	0	0	0	0	0
Goodwin U.	88	0	0	0	0	0	0	0	0	0	88
Sacred Heart U.	1,997	0	0	0	0	0	0	0	0	0	0
Southern Connecticut State U.	1,423	0	0	0	0	0	0	0	0	0	0
Trinity C., Hartford	1,212	0	0	0	0	0	0	0	0	0	0
U. Bridgeport	384	0	0	0	0	200	200	0	0	0	0
U. Connecticut	170,193	0	0	0	2,662	22,199	19,790	2,409	0	554	125
U. New Haven	822	0	0	0	0	*	0	0	*	0	0
Wesleyan U.	6,105	0	0	0	223	0	0	0	0	845	25
Yale U.	598,880	1,250	0	0	100	20,973	10,976	9,998	0	6,485	144
Delaware	160,126	0	0	0	16,344	27,774	18,395	8,383	996	12,410	722
Delaware State U.	22,483	0	0	0	0	1,471	1,471	0	0	5,106	0
U. Delaware	137,643	0	0	0	16,344	26,303	16,924	8,383	996	7,304	722
District of Columbia	525,083	0	0	2,518	1,347	35,488	21,445	13,647	395	3,585	29
American U.	21,228	0	0	0	137	6,541	170	6,371	0	0	0
Association of Universities for Research in Astronomy	262,739	0	0	0	0	0	0	0	0	0	0
Catholic U. America, The	20,785	0	0	0	0	448	448	0	0	0	0
Consortium for Ocean Leadership	650	0	0	0	0	0	0	0	0	0	0

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						Total	Research	Development			
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Consortium of Universities of the Washington Metropolitan Area	4,462	0	0	0	0	4,462	2,262	2,200	0	0	0
Gallaudet U.	6,208	0	0	0	0	0	0	0	0	0	0
George Washington U., The	109,383	0	0	2,518	725	8,305	5,878	2,427	0	1,367	0
Georgetown U.	60,948	0	0	0	250	3,644	1,044	2,600	0	707	0
Graduate School USA	8	0	0	0	0	0	0	0	0	8	0
Howard U.	32,312	0	0	0	235	10,148	10,103	0	45	1,503	29
National Defense U.	693	0	0	0	0	693	298	50	345	0	0
U. District of Columbia	5,569	0	0	0	0	1,246	1,241	0	5	0	0
Universities Research Association	96	0	0	0	0	0	0	0	0	0	0
Florida	1,116,811	5,627	0	0	19,883	114,009	89,294	19,838	4,876	25,155	6,123
Barry U.	173	0	0	0	0	0	0	0	0	0	0
Broward C.	65	0	0	0	0	0	0	0	0	0	0
Embry-Riddle Aeronautical U.	18,526	0	0	0	58	3,193	3,193	0	0	670	0
Florida A&M U.	22,288	0	0	0	0	2,518	2,518	0	0	0	0
Florida Atlantic U.	21,405	0	0	0	239	4,771	4,771	0	0	0	391
Florida Gulf Coast U.	806	0	0	0	0	0	0	0	0	0	0
Florida Institute of Technology	4,209	0	0	0	0	1,024	1,024	0	0	445	0
Florida International U.	73,377	0	0	0	1,082	6,433	6,408	0	25	1,703	978
Florida Memorial U.	50	0	0	0	0	0	0	0	0	0	0
Florida Polytechnic U.	375	0	0	0	0	0	0	0	0	200	0
Florida State C. at Jacksonville	528	0	0	0	0	0	0	0	0	0	0
Florida State U.	122,827	0	0	0	85	13,044	9,406	3,638	0	7,636	160
Hillsborough Community C.	285	0	0	0	0	0	0	0	0	0	0
Indian River State C.	547	0	0	0	0	0	0	0	0	0	0
Jacksonville U.	65	0	0	0	0	0	0	0	0	0	0
Miami Dade C.	449	0	0	0	0	0	0	0	0	0	0
Northwest Florida State C.	4	0	0	0	0	4	4	0	0	0	0
Nova Southeastern U.	6,563	0	0	0	464	1,151	1,151	0	0	0	927
Rollins C.	261	0	0	0	0	0	0	0	0	0	0
Santa Fe C.	114	0	0	0	0	0	0	0	0	0	0
Stetson U.	50	0	0	0	0	0	0	0	0	0	0
U. Central Florida	78,699	0	0	0	90	25,578	18,749	2,031	4,797	4,546	3,223
U. Florida	392,174	5,627	0	0	4,673	31,031	22,590	8,387	54	8,592	201
U. Miami	235,359	0	0	0	10,832	16,666	12,120	4,546	0	209	243
U. North Florida	574	0	0	0	20	0	0	0	0	0	0
U. South Florida, Tampa	136,531	0	0	0	2,340	8,596	7,359	1,237	0	1,154	0
U. Tampa, The	71	0	0	0	0	0	0	0	0	0	0
U. West Florida	436	0	0	0	0	0	0	0	0	0	0
Georgia	1,277,521	3,000	0	100	8,178	220,398	77,751	32,805	109,842	37,730	664

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(Dollars in thousands)

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						Total	Research	Development			
								Advanced technology	Major systems		
Albany State U.	1,227	0	0	0	0	0	0	0	0	0	0
Augusta U.	58,356	0	0	0	0	3,192	1,083	2,109	0	0	0
Berry C.	412	0	0	0	0	0	0	0	0	0	0
Clark Atlanta U.	8,769	0	0	0	0	993	993	0	0	0	0
Emory U.	563,391	0	0	0	0	8,261	3,150	5,112	0	2,295	0
Fort Valley State U.	11,016	0	0	0	0	0	0	0	0	0	0
Georgia C. and State U.	673	0	0	0	0	247	0	247	0	0	0
Georgia Institute of Technology	367,555	0	0	0	6,143	200,662	69,228	21,597	109,837	21,445	249
Georgia Southern U.	1,563	0	0	0	0	0	0	0	0	400	0
Georgia State U.	60,692	0	0	100	0	2,190	2,185	0	5	1,924	25
Kennesaw State U.	7,882	0	0	0	0	245	245	0	0	262	0
Mercer U.	493	0	0	0	0	0	0	0	0	0	0
Morehouse C.	5,371	0	0	0	0	0	0	0	0	0	0
Morehouse School of Medicine	29,280	0	0	0	0	740	0	740	0	0	0
Savannah C. Art and Design, Savannah	198	0	0	0	0	0	0	0	0	0	0
Savannah State U.	871	0	0	0	0	104	104	0	0	0	0
Spelman C.	3,582	0	0	0	0	0	0	0	0	0	0
U. Georgia	155,592	3,000	0	0	2,036	3,763	763	3,000	0	11,403	390
U. North Georgia	600	0	0	0	0	0	0	0	0	0	0
Hawaii	141,677	0	0	0	962	22,239	21,999	100	140	3,486	0
Chaminade U. Honolulu	1,833	0	0	0	0	0	0	0	0	0	0
Hawai'i Pacific U.	1,491	0	0	0	361	0	0	0	0	0	0
U. Hawaii Community Colleges, Maui C.	151	0	0	0	151	0	0	0	0	0	0
U. Hawaii, Hilo	616	0	0	0	0	0	0	0	0	0	0
U. Hawaii, Manoa	85,154	0	0	0	0	1,182	1,182	0	0	0	0
U. Hawaii, System Office	52,431	0	0	0	450	21,057	20,817	100	140	3,486	0
Idaho	59,753	0	0	0	0	1,122	843	280	0	3,131	839
Boise State U.	18,436	0	0	0	0	843	843	0	0	1,309	48
Idaho State U.	3,040	0	0	0	0	0	0	0	0	583	0
Lewis-Clark State C.	169	0	0	0	0	0	0	0	0	0	0
U. Idaho	38,108	0	0	0	0	280	0	280	0	1,240	791
Illinois	1,531,129	1,000	0	0	1,430	113,827	86,415	26,742	669	99,560	115
Augustana C., Rock Island	50	0	0	0	0	0	0	0	0	0	0
Benedictine U.	547	0	0	0	0	0	0	0	0	0	0
C. DuPage	375	0	0	0	0	0	0	0	0	0	0
Chicago State U.	1,436	0	0	0	0	0	0	0	0	850	0
City Colleges of Chicago	943	0	0	0	0	0	0	0	0	848	0
Columbia C., Chicago	187	0	0	0	0	0	0	0	0	0	0
DePaul U.	3,950	0	0	0	0	0	0	0	0	154	0
Dominican U.	905	0	0	0	0	479	479	0	0	0	0
Eastern Illinois U.	250	0	0	0	0	0	0	0	0	0	0
Elmhurst U.	16	0	0	0	0	0	0	0	0	0	0
Erikson Institute	179	0	0	0	0	0	0	0	0	0	0

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(Dollars in thousands)

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						Total	Research	Development			
								Advanced technology	Major systems		
Illinois C.	2	0	0	0	0	0	0	0	0	0	0
Illinois Institute of Technology	17,587	0	0	0	0	298	298	0	0	3,507	0
Illinois State U.	6,043	0	0	0	0	0	0	0	0	1,911	0
Illinois Wesleyan U.	11	0	0	0	0	0	0	0	0	0	0
Lewis and Clark Community C.	100	0	0	0	0	0	0	0	0	0	0
Lewis U.	579	0	0	0	0	0	0	0	0	0	0
Loyola U., Chicago	22,835	0	0	0	0	0	0	0	0	0	0
Midwestern U., Downers Grove	1,341	0	0	0	0	0	0	0	0	0	0
Moraine Valley Community C.	17	0	0	0	0	0	0	0	0	0	0
National Louis U.	26	0	0	0	0	0	0	0	0	0	0
North Central C.	757	0	0	0	0	0	0	0	0	0	0
North Park U.	34	0	0	0	0	0	0	0	0	0	0
Northeastern Illinois U.	2,461	0	0	0	0	0	0	0	0	0	0
Northern Illinois U.	4,648	0	0	0	660	120	120	0	0	1,104	0
Northwestern U., Evanston	534,700	0	0	0	0	37,234	28,118	9,116	0	19,223	60
Quincy U.	23	0	0	0	0	0	0	0	0	0	0
Rosalind Franklin U. Medicine and Science	5,063	0	0	0	0	350	0	350	0	0	0
Rush U.	79,532	0	0	0	0	2,913	0	2,913	0	0	0
Saint Augustine C.	350	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Carbondale	8,841	0	0	0	0	1,475	0	1,475	0	0	0
Southern Illinois U., Edwardsville	2,246	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., System Office	1,155	0	0	0	0	0	0	0	0	437	55
Toyota Technological Institute, Chicago	2,168	0	0	0	0	677	677	0	0	0	0
U. Chicago, The	328,234	0	0	0	400	19,236	11,524	7,651	60	16,240	0
U. Illinois, Chicago	187,288	0	0	0	0	12,987	8,534	4,448	5	2,650	0
U. Illinois, University Administration	46,286	1,000	0	0	0	19,590	18,452	533	604	5,098	0
U. Illinois, Urbana-Champaign	269,871	0	0	0	369	18,470	18,213	257	0	47,539	0
Wheaton C., Wheaton	96	0	0	0	0	0	0	0	0	0	0
Indiana	636,450	2,190	0	0	7,822	71,845	53,147	18,697	0	30,450	1,532
Ball State U.	5,555	0	0	0	0	0	0	0	0	0	0
Butler U.	923	0	0	0	0	0	0	0	0	0	0
Earlham C.	187	0	0	0	0	0	0	0	0	0	0
Indiana State U.	590	0	0	0	0	0	0	0	0	0	154
Indiana U.	18,567	0	0	0	216	9,599	3,016	6,583	0	4,709	825
Indiana U., Bloomington	72,853	0	0	0	4,000	1,413	1,413	0	0	0	0
Indiana U.-Purdue U., Indianapolis	227,002	2,190	0	0	0	0	0	0	0	0	0

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Indiana Wesleyan U.	394	0	0	0	0	0	0	0	0	0	0
Ivy Tech Community C., central office	119	0	0	0	0	0	0	0	0	0	0
Purdue U., West Lafayette	223,435	0	0	0	3,116	47,014	35,995	11,019	0	16,681	554
Saint Mary's C., Notre Dame	16	0	0	0	0	0	0	0	0	0	0
U. Indianapolis	1,459	0	0	0	0	0	0	0	0	0	0
U. Notre Dame	84,191	0	0	0	490	13,818	12,723	1,095	0	9,060	0
Valparaiso U.	691	0	0	0	0	0	0	0	0	0	0
Wabash C.	467	0	0	0	0	0	0	0	0	0	0
Iowa	417,612	0	0	0	0	16,464	9,594	6,268	602	14,129	0
Coe C.	457	0	0	0	0	0	0	0	0	0	0
Cornell C.	400	0	0	0	0	0	0	0	0	0	0
Des Moines U.	57	0	0	0	0	0	0	0	0	0	0
Dordt U.	351	0	0	0	0	0	0	0	0	0	0
Drake U.	16	0	0	0	0	0	0	0	0	0	0
Grand View U.	80	0	0	0	0	0	0	0	0	0	0
Grinnell C.	2,939	0	0	0	0	0	0	0	0	0	0
Indian Hills Community C.	247	0	0	0	0	0	0	0	0	0	0
Iowa State U.	95,471	0	0	0	0	6,473	6,473	0	0	10,069	0
Palmer C. Chiropractic	1,508	0	0	0	0	0	0	0	0	0	0
U. Dubuque	187	0	0	0	0	0	0	0	0	0	0
U. Iowa	315,446	0	0	0	0	9,991	3,121	6,268	602	4,059	0
U. Northern Iowa	451	0	0	0	0	0	0	0	0	0	0
Kansas	253,924	4,800	0	0	6,773	40,218	18,283	17,457	4,478	8,123	922
Fort Hays State U.	50	0	0	0	0	0	0	0	0	0	0
Haskell Indian Nations U.	6,004	0	0	0	0	0	0	0	0	0	0
Johnson County Community C.	883	0	0	0	0	0	0	0	0	0	0
Kansas State U.	52,420	4,800	0	0	0	1,553	1,262	291	0	4,738	35
Newman U.	4,094	0	0	0	0	4,094	4,094	0	0	0	0
Pittsburg State U.	3,773	0	0	0	3,773	0	0	0	0	0	0
U. Kansas, Lawrence	142,207	0	0	0	0	3,707	984	2,722	0	3,110	887
U. Saint Mary	13	0	0	0	0	0	0	0	0	0	0
Wichita State U.	44,479	0	0	0	3,000	30,865	11,943	14,444	4,478	275	0
Kentucky	306,670	0	0	0	125	15,063	8,639	6,423	0	9,489	0
Bellarmine U.	16	0	0	0	0	0	0	0	0	0	0
Centre C.	120	0	0	0	0	0	0	0	0	0	0
Eastern Kentucky U.	720	0	0	0	0	0	0	0	0	0	0
Georgetown C.	978	0	0	0	0	0	0	0	0	0	0
Kentucky Community and Technical C. System	886	0	0	0	0	0	0	0	0	0	0
Kentucky State U.	10,898	0	0	0	0	0	0	0	0	0	0
Lindsey Wilson C.	1	0	0	0	0	0	0	0	0	0	0
Morehead State U.	1,696	0	0	0	0	0	0	0	0	0	0
Murray State U.	457	0	0	0	0	0	0	0	0	0	0

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(Dollars in thousands)

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Northern Kentucky U.	649	0	0	0	0	0	0	0	0	0	0
U. Kentucky	215,325	0	0	0	125	12,386	8,639	3,746	0	8,792	0
U. Louisville	73,166	0	0	0	0	2,677	0	2,677	0	697	0
Western Kentucky U.	1,758	0	0	0	0	0	0	0	0	0	0
Louisiana	298,713	0	0	0	2,495	9,202	3,929	5,273	0	8,493	3,374
Dillard U.	1,066	0	0	0	0	1,015	1,015	0	0	0	0
Louisiana State U., system office	134,735	0	0	0	2,334	4,556	1,032	3,524	0	5,960	3,169
Louisiana Tech U.	5,218	0	0	0	0	0	0	0	0	375	0
Louisiana Universities Marine Consortium	3,476	0	0	0	0	0	0	0	0	0	0
Nicholls State U.	104	0	0	0	0	0	0	0	0	0	104
Southeastern Louisiana U.	498	0	0	0	0	0	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	12,179	0	0	0	0	274	274	0	0	0	0
Tulane U.	116,819	0	0	0	0	2,852	1,103	1,749	0	1,409	0
U. Louisiana at Lafayette	13,390	0	0	0	0	0	0	0	0	750	100
U. Louisiana, Monroe	677	0	0	0	160	0	0	0	0	0	0
U. New Orleans	2,258	0	0	0	0	303	303	0	0	0	0
Xavier U. Louisiana	8,295	0	0	0	0	203	203	0	0	0	0
Maine	70,912	0	0	0	3,759	18,028	18,028	0	0	353	0
Bates C.	998	0	0	0	0	0	0	0	0	0	0
Bowdoin C.	1,107	0	0	0	0	0	0	0	0	0	0
Colby C.	163	0	0	0	0	0	0	0	0	0	0
Kennebec Valley Community C.	141	0	0	0	0	0	0	0	0	0	0
U. Maine	32,750	0	0	0	759	0	0	0	0	353	0
U. Maine, System Office	30,659	0	0	0	3,000	18,028	18,028	0	0	0	0
U. New England	4,019	0	0	0	0	0	0	0	0	0	0
U. Southern Maine	1,075	0	0	0	0	0	0	0	0	0	0
Maryland	2,412,866	0	0	0	20,861	636,488	191,062	153,944	291,482	22,871	312
Bowie State U.	4,971	0	0	0	0	111	111	0	0	0	0
Chesapeake C.	63	0	0	0	0	0	0	0	0	0	0
Frederick Community C.	70	0	0	0	0	0	0	0	0	0	0
Frostburg State U.	35	0	0	0	0	0	0	0	0	0	0
Hood C.	108	0	0	0	58	45	45	0	0	0	0
Johns Hopkins U.	1,753,812	0	0	0	746	538,276	110,199	137,928	290,149	8,232	0
Loyola U., Maryland	292	0	0	0	0	167	167	0	0	0	0
Montgomery C.	70	0	0	0	0	0	0	0	0	0	0
Morgan State U.	21,869	0	0	0	0	10,308	10,283	0	25	1,480	24
Salisbury U.	890	0	0	0	0	0	0	0	0	0	0
St. Mary's C. Maryland	69	0	0	0	0	0	0	0	0	0	0
Towson U.	1,843	0	0	0	0	736	190	546	0	0	0
U. Maryland Center for Environmental Science	5,189	0	0	0	67	1,093	0	0	1,093	0	0
U. Maryland, Baltimore	229,527	0	0	0	0	6,612	1,073	5,539	0	0	0

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U. Maryland, Baltimore County	59,508	0	0	0	60	3,743	3,267	476	0	51	0
U. Maryland, College Park	297,371	0	0	0	19,922	68,417	61,084	7,121	211	416	0
U. Maryland, Eastern Shore	12,053	0	0	0	0	362	362	0	0	0	0
U. Maryland, Global Campus	11,054	0	0	0	0	963	0	959	4	10,091	0
U. System Maryland	9,818	0	0	0	9	1,402	253	1,149	0	2,600	288
U.S. Naval Academy	4,183	0	0	0	0	4,183	4,028	155	0	0	0
Uniformed Services U. Health Sciences	72	0	0	0	0	72	0	72	0	0	0
Massachusetts	2,079,365	2,750	0	0	20,503	329,257	203,717	74,318	51,223	93,633	2,195
Amherst C.	2,562	0	0	0	0	0	0	0	0	0	0
Assumption C.	48	0	0	0	0	0	0	0	0	0	0
Babson C.	297	0	0	0	0	0	0	0	0	0	0
Bentley U.	445	0	0	0	0	0	0	0	0	0	0
Boston C.	21,134	0	0	0	0	1,019	1,019	0	0	1,574	0
Boston U.	366,643	0	0	0	461	15,049	6,732	8,317	0	2,819	52
Brandeis U.	30,426	0	0	0	0	150	150	0	0	1,665	0
Bridgewater State U.	590	0	0	0	0	0	0	0	0	0	0
C. Holy Cross	1,436	0	0	0	0	0	0	0	0	0	0
Clark U.	3,988	0	0	0	0	0	0	0	0	0	0
Consortium of Universities for the Advancement of Hydrologic Science Inc.	3,166	0	0	0	0	0	0	0	0	0	0
Elms C.	375	0	0	0	0	0	0	0	0	0	0
Emmanuel C., Boston	129	0	0	0	0	0	0	0	0	0	0
Fitchburg State U.	109	0	0	0	0	0	0	0	0	0	0
Framingham State U.	304	0	0	0	0	0	0	0	0	0	0
Franklin W. Olin C. Engineering	292	0	0	0	0	0	0	0	0	0	0
Harvard U.	439,764	0	0	0	226	34,539	34,019	520	*	8,957	30
Massachusetts C. Pharmacy and Health Sciences	383	0	0	0	0	0	0	0	0	0	0
Massachusetts Institute of Technology	439,656	1,000	0	0	2,980	166,201	77,880	37,398	50,922	65,349	74
Merrimack C.	299	0	0	0	0	0	0	0	0	0	0
MGH Institute of Health Professions	4,439	0	0	0	0	0	0	0	0	0	0
Mount Holyoke C.	979	0	0	0	0	0	0	0	0	0	0
New England C. Optometry, The	981	0	0	0	0	0	0	0	0	0	0
Northeastern U.	134,170	0	0	0	320	47,567	27,816	19,751	0	2,050	0
Salem State U.	134	0	0	0	0	0	0	0	0	0	0
Smith C.	2,037	0	0	0	0	0	0	0	0	0	0
Springfield C.	352	0	0	0	0	0	0	0	0	0	0
Tufts U.	111,443	1,750	0	0	0	12,383	8,742	3,641	0	2,458	0

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U. Massachusetts, Amherst	74,403	0	0	0	1,151	4,966	4,966	0	0	0	0
U. Massachusetts, Boston	20,837	0	0	0	208	0	0	0	0	6,905	0
U. Massachusetts, Central Office	33,660	0	0	0	330	11,930	11,930	0	0	156	0
U. Massachusetts, Dartmouth	6,774	0	0	0	0	0	0	0	0	0	396
U. Massachusetts, Lowell	21,192	0	0	0	0	3,293	3,293	0	0	0	0
U. Massachusetts, Medical School	168,136	0	0	0	0	2,760	0	2,760	0	0	0
Wellesley C.	2,624	0	0	0	0	0	0	0	0	0	0
Western New England U.	358	0	0	0	0	0	0	0	0	0	0
Williams C., Williamstown	2,118	0	0	0	0	0	0	0	0	0	0
Woods Hole Oceanographic Institution	160,185	0	0	0	14,427	27,116	25,324	1,492	300	661	1,041
Worcester Polytechnic Institute	22,306	0	0	0	400	2,285	1,845	439	0	1,039	601
Worcester State U.	191	0	0	0	0	0	0	0	0	0	0
Michigan	1,273,507	8,259	0	0	7,338	87,530	58,879	26,401	2,250	136,404	53
Alma C.	194	0	0	0	0	0	0	0	0	0	0
Andrews U.	138	0	0	0	0	0	0	0	0	0	0
Calvin U.	10	0	0	0	0	0	0	0	0	0	0
Central Michigan U.	4,340	0	0	0	340	0	0	0	0	1,943	0
Davenport U.	184	0	0	0	0	0	0	0	0	0	0
Eastern Michigan U.	1,081	0	0	0	0	0	0	0	0	0	0
Ferris State U.	272	0	0	0	0	0	0	0	0	0	0
Grand Valley State U.	617	0	0	0	0	0	0	0	0	0	0
Hope C.	1,695	0	0	0	0	0	0	0	0	0	0
Kalamazoo C.	21	0	0	0	0	0	0	0	0	0	0
Keweenaw Bay Ojibwa Community C.	100	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U.	943	0	0	0	0	0	0	0	0	0	0
Michigan State U.	312,207	8,259	0	0	427	13,520	8,270	5,250	0	97,682	0
Michigan Technological U.	27,699	0	0	0	317	8,000	4,710	1,041	2,250	1,631	0
Northern Michigan U.	25	0	0	0	0	0	0	0	0	0	25
Oakland U.	6,871	0	0	0	0	811	811	0	0	60	0
Siena Heights U.	375	0	0	0	0	0	0	0	0	0	0
U. Detroit Mercy	1,848	0	0	0	0	0	0	0	0	0	0
U. Michigan	827,701	0	0	0	6,254	59,945	44,318	15,628	0	32,118	0
Wayne State U.	80,235	0	0	0	0	4,848	365	4,483	0	2,971	28
Western Michigan U.	6,948	0	0	0	0	405	405	0	0	0	0
Minnesota	577,122	0	0	0	1,326	27,338	16,846	10,057	434	19,779	417
Augsburg U.	30	0	0	0	0	0	0	0	0	0	0
Carleton C.	852	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Central Lakes C., Brainerd	23	0	0	0	0	0	0	0	0	0	0
Gustavus Adolphus C.	325	0	0	0	0	0	0	0	0	0	0
Hamline U.	80	0	0	0	0	0	0	0	0	0	0
Leech Lake Tribal C.	150	0	0	0	0	0	0	0	0	0	0
Macalester C.	128	0	0	0	0	0	0	0	0	0	6
Minnesota State Community and Technical C.	70	0	0	0	0	0	0	0	0	0	0
Minnesota State U., Mankato	1,471	0	0	0	0	0	0	0	0	0	0
Mitchell Hamline School of Law	149	0	0	0	0	0	0	0	0	0	0
Normandale Community C.	130	0	0	0	0	0	0	0	0	0	0
Northland Community and Technical C.	24	0	0	0	0	0	0	0	0	0	0
Riverland Community C.	70	0	0	0	0	0	0	0	0	0	0
Saint Mary's U. Minnesota	91	0	0	0	0	0	0	0	0	4	68
South Central C.	51	0	0	0	0	0	0	0	0	0	0
St. Catherine U.	399	0	0	0	0	0	0	0	0	0	0
St. Cloud State U.	30	0	0	0	0	0	0	0	0	0	0
St. Olaf C.	1,024	0	0	0	0	0	0	0	0	0	0
St. Paul C., A Community & Technical C.	375	0	0	0	0	0	0	0	0	0	0
U. Minnesota	570,913	0	0	0	1,326	27,338	16,846	10,057	434	19,775	344
U. St. Thomas, Saint Paul	524	0	0	0	0	0	0	0	0	0	0
Winona State U.	212	0	0	0	0	0	0	0	0	0	0
Mississippi	169,701	3,000	0	3,999	15,795	9,560	9,236	271	53	2,165	214
Alcorn State U.	7,593	0	0	0	0	170	170	0	0	0	0
Jackson State U.	9,553	0	0	0	100	814	769	0	45	1,099	0
Mississippi State U.	73,371	3,000	0	3,999	7,772	5,968	5,961	0	8	1,066	109
Tougaloo C.	1,326	0	0	0	0	0	0	0	0	0	0
U. Mississippi, The, Oxford	62,223	0	0	0	2,596	1,689	1,418	271	0	0	86
U. Southern Mississippi, The	15,635	0	0	0	5,327	918	918	0	0	0	19
Missouri	874,560	0	0	0	500	56,000	24,202	28,993	2,805	9,726	1,640
Avila U.	246	0	0	0	0	0	0	0	0	0	0
Harris-Stowe State U.	180	0	0	0	0	0	0	0	0	0	0
Kansas City U. Medicine and Biosciences	249	0	0	0	0	0	0	0	0	0	0
Lincoln U.	11,915	0	0	0	0	0	0	0	0	0	0
Missouri State U., Springfield	7,776	0	0	0	0	6,946	0	6,946	0	0	80
Missouri U. Science and Technology	9,873	0	0	0	0	0	0	0	0	0	0
Missouri Western State U.	393	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Northwest Missouri State U.	120	0	0	0	0	0	0	0	0	0	0
Ozarks Technical Community C.	69	0	0	0	0	0	0	0	0	0	0
Saint Louis U.	28,824	0	0	0	0	300	0	300	0	75	25
St. Charles Community C.	93	0	0	0	0	0	0	0	0	0	0
State Fair Community C.	114	0	0	0	0	0	0	0	0	0	0
U. Health Sciences and Pharmacy in St. Louis	2,542	0	0	0	0	0	0	0	0	0	0
U. Missouri System	67,425	0	0	0	0	31,897	21,652	10,245	0	3,726	1,535
U. Missouri, Columbia	89,823	0	0	0	0	0	0	0	0	0	0
U. Missouri, Kansas City	9,113	0	0	0	500	337	200	137	0	0	0
U. Missouri, Saint Louis	1,416	0	0	0	0	0	0	0	0	0	0
Washington U., Saint Louis	643,672	0	0	0	0	16,520	2,349	11,365	2,805	5,925	0
William Jewell C.	715	0	0	0	0	0	0	0	0	0	0
Montana	174,384	0	0	0	520	85,423	16,038	2,186	67,200	4,915	864
Aaniiih Nakoda C.	585	0	0	0	0	0	0	0	0	0	0
Blackfeet Community C.	147	0	0	0	0	0	0	0	0	0	0
Chief Dull Knife C.	340	0	0	0	0	0	0	0	0	0	0
Flathead Valley Community C.	188	0	0	0	0	0	0	0	0	0	0
Montana State U., Billings	36,032	0	0	0	0	33,661	958	489	32,213	1,214	534
Montana State U., Bozeman	82,954	0	0	0	80	40,116	4,914	215	34,987	0	75
Montana Technological U.	8,247	0	0	0	0	7,100	7,100	0	0	30	0
Montana U. System, system office	2,960	0	0	0	0	0	0	0	0	0	0
Salish Kootenai C.	1,811	0	0	0	0	655	655	0	0	0	0
Stone Child C.	81	0	0	0	0	0	0	0	0	0	0
U. Montana, Missoula	38,631	0	0	0	440	1,481	0	1,481	0	3,670	255
U. Montana, The, Western	2,410	0	0	0	0	2,410	2,410	0	0	0	0
Nebraska	224,095	0	0	259	368	19,494	7,007	12,487	0	6,889	0
Clarkson C.	1,174	0	0	0	0	0	0	0	0	0	0
Creighton U.	9,780	0	0	0	0	580	580	0	0	123	0
Doane U.	927	0	0	0	0	0	0	0	0	0	0
Little Priest Tribal C.	64	0	0	0	0	0	0	0	0	0	0
Northeast Community C.	109	0	0	0	0	0	0	0	0	0	0
Southeast Community C. Area	123	0	0	0	0	0	0	0	0	0	0
U. Nebraska, Central Administration	31,402	0	0	0	0	1,880	940	940	0	6,767	0
U. Nebraska, Kearney	2,709	0	0	0	0	2,315	2,315	0	0	0	0
U. Nebraska, Lincoln	69,266	0	0	0	300	4,841	3,173	1,668	0	0	0
U. Nebraska, Medical Center	90,530	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
U. Nebraska, Omaha	17,807	0	0	259	68	9,880	0	9,880	0	0	0
Wayne State C.	203	0	0	0	0	0	0	0	0	0	0
Nevada	96,042	0	0	0	3,000	6,713	5,486	1,222	5	8,867	1,452
Desert Research Institute	671	0	0	0	0	0	0	0	0	0	198
Nevada System of Higher Education	28,455	0	0	0	3,000	3,668	3,144	519	5	8,867	315
U. Nevada, Las Vegas	15,214	0	0	0	0	748	748	0	0	0	419
U. Nevada, Reno	51,701	0	0	0	0	2,296	1,593	703	0	0	520
New Hampshire	180,016	0	0	0	10,632	15,024	14,039	985	0	3,287	227
Dartmouth C.	110,710	0	0	0	0	6,071	5,193	879	0	1,195	25
Plymouth State U.	37	0	0	0	0	0	0	0	0	0	0
U. New Hampshire, Durham	30,368	0	0	0	8,632	0	0	0	0	0	0
U. New Hampshire, Manchester	13,327	0	0	0	1,000	8,757	8,757	0	0	0	0
U. System New Hampshire	25,574	0	0	0	1,000	195	89	106	0	2,092	202
New Jersey	532,366	0	0	0	12,738	55,889	33,640	12,325	9,924	26,480	1,482
Bloomfield C.	184	0	0	0	0	0	0	0	0	0	0
C. New Jersey, The	1,009	0	0	0	0	0	0	0	0	0	0
Fairleigh Dickinson U.	405	0	0	0	0	221	221	0	0	0	0
Montclair State U.	4,256	0	0	0	0	0	0	0	0	0	0
New Jersey City U.	138	0	0	0	0	0	0	0	0	0	0
New Jersey Institute of Technology	31,786	0	0	0	0	4,160	1,139	3,021	*	566	500
New Jersey Sea Grant Consortium Inc.	2,027	0	0	0	2,027	0	0	0	0	0	0
Princeton U.	150,701	0	0	0	10,154	17,354	17,074	280	0	19,097	0
Ramapo C. New Jersey	744	0	0	0	0	0	0	0	0	0	0
Rider U., Lawrenceville	503	0	0	0	0	0	0	0	0	0	0
Rowan U.	14,078	0	0	0	0	6,237	2,487	750	3,000	0	0
Rutgers, The State U. New Jersey	301,830	0	0	0	556	15,002	9,198	5,804	0	6,817	982
Saint Peter's U.	249	0	0	0	0	0	0	0	0	0	0
Seton Hall U.	1,276	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	22,227	0	0	0	0	12,915	3,521	2,470	6,924	0	0
Stockton U.	155	0	0	0	0	0	0	0	0	0	0
Thomas Edison State U.	200	0	0	0	0	0	0	0	0	0	0
William Paterson U.	600	0	0	0	0	0	0	0	0	0	0
New Mexico	202,664	0	0	0	633	35,238	28,677	3,855	2,707	10,925	1,751
Eastern New Mexico U., Portales	1,110	0	0	0	0	0	0	0	0	750	0
Institute of American Indian and Alaska Native Culture and Arts Development	10	0	0	0	0	0	0	0	0	0	0
Navajo Technical U.	1,478	0	0	0	0	594	594	0	0	0	0
New Mexico Consortium	1,225	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

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						Total	Research	Development			
								Advanced technology	Major systems		
New Mexico Highlands U.	2,238	0	0	0	0	0	0	0	0	0	0
New Mexico Institute of Mining and Technology	23,961	0	0	0	0	14,492	12,954	0	1,538	2,735	462
New Mexico State U., Las Cruces	37,048	0	0	0	259	4,551	3,382	0	1,169	2,166	654
Southwestern Indian Polytechnic Institute	16	0	0	0	0	0	0	0	0	0	0
U. New Mexico	135,574	0	0	0	374	15,601	11,746	3,855	0	5,275	635
Western New Mexico U.	5	0	0	0	0	0	0	0	0	0	0
New York	3,465,709	4,776	0	401	12,730	234,111	138,889	94,539	683	71,042	1,328
Adelphi U.	6	0	0	0	0	0	0	0	0	0	0
Albany C. Pharmacy and Health Sciences	495	0	0	0	0	0	0	0	0	0	0
Albany Medical C.	11,131	0	0	0	0	0	0	0	0	0	0
Albert Einstein C. Medicine	183,860	0	0	0	0	5,376	0	5,376	0	0	0
Alfred U.	3,140	0	0	0	0	2,940	2,940	0	0	0	0
Bard C.	146	0	0	0	0	0	0	0	0	0	0
Barnard C.	1,827	0	0	0	0	0	0	0	0	0	0
Canisius C.	924	0	0	0	0	924	0	924	0	0	0
Clarkson U.	5,609	0	0	0	205	934	489	445	0	535	0
Cold Spring Harbor Laboratory	39,988	0	0	0	0	3,218	0	3,218	0	0	0
Colgate U.	552	0	0	0	0	0	0	0	0	0	0
Columbia U. in the City of New York	803,388	0	0	0	2,518	39,424	20,045	19,379	0	14,330	223
Cooper Union for the Advancement of Science and Art	52	0	0	0	0	0	0	0	0	0	0
Cornell U., Ithaca	532,256	4,776	0	0	558	29,936	21,739	7,641	556	14,550	1,105
CUNY, Baruch C.	1,156	0	0	0	0	0	0	0	0	0	0
CUNY, Borough of Manhattan Community C.	2,410	0	0	0	0	0	0	0	0	0	0
CUNY, Bronx Community C.	319	0	0	0	0	0	0	0	0	0	0
CUNY, Brooklyn C.	4,604	0	0	0	0	0	0	0	0	0	0
CUNY, C. Staten Island	1,836	0	0	0	0	0	0	0	0	0	0
CUNY, City C.	27,494	0	0	0	0	5,613	4,685	928	0	0	0
CUNY, Graduate Center	732	0	0	0	0	0	0	0	0	0	0
CUNY, Hostos Community C.	2,735	0	0	0	0	0	0	0	0	0	0
CUNY, Hunter C.	14,826	0	0	0	0	0	0	0	0	0	0
CUNY, John Jay C. Criminal Justice	2,748	0	0	0	0	0	0	0	0	0	0
CUNY, Lehman C.	2,055	0	0	0	0	0	0	0	0	0	0
CUNY, Medgar Evers C.	340	0	0	0	0	0	0	0	0	0	0
CUNY, New York City C. Technology	1,726	0	0	0	0	683	683	0	0	0	0

TABLE 14

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(Dollars in thousands)

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CUNY, Queens C.	4,998	0	0	0	0	0	0	0	0	0	0
CUNY, Queensborough Community C.	488	0	0	0	0	0	0	0	0	0	0
CUNY, system office	32,776	0	0	0	142	4,171	3,467	664	40	5,252	0
D'Youville C.	187	0	0	0	0	0	0	0	0	0	0
Dominican C.	375	0	0	0	0	0	0	0	0	0	0
Fordham U.	5,431	0	0	0	0	0	0	0	0	0	0
Hamilton C.	420	0	0	0	0	0	0	0	0	0	0
Hartwick C.	27	0	0	0	0	0	0	0	0	0	0
Hobart and William Smith Colleges	83	0	0	0	0	0	0	0	0	0	0
Hofstra U.	1,383	0	0	0	0	0	0	0	0	0	0
Hudson Valley Community C.	70	0	0	0	0	0	0	0	0	0	0
Icahn School of Medicine at Mount Sinai	462,027	0	0	0	0	21,554	11,284	10,270	0	0	0
Iona C.	375	0	0	0	0	0	0	0	0	0	0
Ithaca C.	66	0	0	0	0	0	0	0	0	0	0
Le Moyne C.	4	0	0	0	0	0	0	0	0	0	0
Long Island U.	1,620	0	0	0	0	0	0	0	0	0	0
Manhattan C.	492	0	0	0	0	97	97	0	0	0	0
Marist C.	370	0	0	0	0	0	0	0	0	0	0
New York Institute of Technology	1,421	0	0	0	0	112	112	0	0	0	0
New York Medical C.	6,485	0	0	0	0	0	0	0	0	0	0
New York Structural Biology Center	6,560	0	0	0	0	0	0	0	0	0	0
New York U.	509,567	0	0	0	101	26,306	12,095	14,211	0	2,134	0
Pace U., New York City	669	0	0	0	0	60	60	0	0	0	0
Pratt Institute	275	0	0	0	0	0	0	0	0	0	0
Rensselaer Polytechnic Institute, Troy	32,329	0	0	0	984	7,752	7,752	0	0	4,358	0
Rochester Institute of Technology	17,473	0	0	0	0	1,755	1,345	409	0	0	0
Rockefeller U., The	75,287	0	0	0	0	0	0	0	0	0	0
Siena C.	451	0	0	0	0	0	0	0	0	145	0
Skidmore C.	729	0	0	0	0	0	0	0	0	0	0
St. Bonaventure U.	440	0	0	0	0	0	0	0	0	0	0
St. John's U., New York	1,651	0	0	0	0	0	0	0	0	0	0
St. Lawrence U.	171	0	0	0	0	0	0	0	0	0	0
State U. New York at Buffalo State C.	250	0	0	0	0	0	0	0	0	0	0
State U. New York at Geneseo, The	507	0	0	0	0	0	0	0	0	0	0
State U. New York at Old Westbury	220	0	0	0	0	0	0	0	0	0	0
State U. New York at Oswego	2,134	0	0	0	0	0	0	0	0	0	0

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(Dollars in thousands)

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						Total	Research	Development			
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State U. New York at Potsdam, The	50	0	0	0	0	0	0	0	0	0	0
State U. New York C. Environmental Science and Forestry	460	0	0	0	0	0	0	0	0	0	0
State U. New York Polytechnic Institute	3,682	0	0	0	0	2,621	2,621	0	0	0	0
State U. New York, C. Optometry	1,961	0	0	0	0	0	0	0	0	0	0
State U. New York, Cobleskill, C. Agriculture	86	0	0	0	0	86	0	0	86	0	0
State U. New York, Purchase C.	888	0	0	0	0	0	0	0	0	107	0
State U. New York, Suffolk County Community C., Selden	375	0	0	0	0	0	0	0	0	0	0
State U. New York, System Office	53,564	0	0	0	6,277	18,870	18,422	448	0	18,502	0
State U. New York, The, Albany	36,685	0	0	0	0	21,824	21,824	0	0	0	0
State U. New York, The, U. at Buffalo	121,610	0	0	401	1,042	7,056	0	7,056	0	0	0
State U. New York, Upstate Medical U.	17,707	0	0	0	0	0	0	0	0	0	0
Stony Brook U.	107,707	0	0	0	902	4,265	584	3,681	0	0	0
SUNY, Binghamton U.	14,729	0	0	0	0	0	0	0	0	0	0
SUNY, Downstate Health Sciences U.	30,559	0	0	0	0	8,000	0	8,000	0	0	0
SUNY, Farmingdale State C.	53	0	0	0	0	0	0	0	0	0	0
SUNY, Monroe Community C.	17	0	0	0	0	0	0	0	0	0	0
SUNY, Nassau Community C.	495	0	0	0	0	0	0	0	0	0	0
Syracuse U., Syracuse	31,557	0	0	0	0	864	565	298	0	5,760	0
Teachers C., Columbia U.	6,846	0	0	0	0	0	0	0	0	0	0
Touro C. and U. System	1,626	0	0	0	0	0	0	0	0	0	0
Trocaire C.	67	0	0	0	0	0	0	0	0	0	0
U. Rochester	214,069	0	0	0	0	17,652	6,601	11,051	0	5,368	0
U.S. Military Academy	2,014	0	0	0	0	2,014	1,475	539	0	0	0
Ulster County Community C.	70	0	0	0	0	0	0	0	0	0	0
Union C., Schenectady	784	0	0	0	0	0	0	0	0	0	0
Vassar C.	407	0	0	0	0	0	0	0	0	0	0
Vaughn C. Aeronautics and Technology	57	0	0	0	0	0	0	0	0	0	0
Yeshiva U.	1,247	0	0	0	0	0	0	0	0	0	0
York C., City U. New York	2,167	0	0	0	0	5	5	0	0	0	0
North Carolina	1,790,982	1,201	0	152	13,054	90,562	48,599	41,781	182	47,368	1,130
Appalachian State U.	3,567	0	0	0	0	0	0	0	0	244	0

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(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Bennett C., Greensboro	293	0	0	0	0	293	293	0	0	0	0
Campbell U.	39	0	0	0	0	0	0	0	0	0	0
Davidson C.	1,873	0	0	0	0	0	0	0	0	0	0
Duke U.	745,052	0	0	152	50	34,268	14,242	19,943	84	18,655	0
East Carolina U.	19,416	0	0	0	967	774	547	227	0	0	25
Elizabeth City State U.	717	0	0	0	0	448	448	0	0	0	0
Elon U.	102	0	0	0	0	0	0	0	0	0	0
Fayetteville State U.	845	0	0	0	0	5	0	0	5	0	0
Forsyth Technical Community C.	23	0	0	0	0	0	0	0	0	0	0
High Point U.	449	0	0	0	0	0	0	0	0	0	0
Johnston Community C.	127	0	0	0	0	0	0	0	0	0	0
North Carolina Agricultural and Technical State U.	39,458	0	0	0	0	10,169	10,139	0	30	5,736	0
North Carolina Central U.	13,044	0	0	0	0	727	727	0	0	225	0
North Carolina State U.	150,115	0	0	0	9,648	11,630	10,663	947	20	10,572	397
Saint Augustine's U.	27	0	0	0	0	0	0	0	0	0	0
Shaw U.	40	0	0	0	0	0	0	0	0	0	0
U. North Carolina, General Administration	1,359	0	0	0	0	1,325	1,325	0	0	0	0
U. North Carolina, The, Asheville	580	0	0	0	0	0	0	0	0	50	0
U. North Carolina, The, Chapel Hill	623,747	1,201	0	0	150	21,533	7,693	13,840	0	11,098	0
U. North Carolina, The, Charlotte	17,332	0	0	0	0	522	235	288	0	356	0
U. North Carolina, The, Greensboro	12,128	0	0	0	1,799	0	0	0	0	0	0
U. North Carolina, The, Pembroke	667	0	0	0	0	667	657	0	10	0	0
U. North Carolina, The, Wilmington	5,256	0	0	0	440	225	225	0	0	205	708
Wake Forest U.	149,085	0	0	0	0	7,974	1,404	6,537	33	228	0
Wake Technical Community C.	104	0	0	0	0	0	0	0	0	0	0
Warren Wilson C.	4,103	0	0	0	0	0	0	0	0	0	0
Western Carolina U.	887	0	0	0	0	0	0	0	0	0	0
Winston-Salem State U.	549	0	0	0	0	0	0	0	0	0	0
North Dakota	76,305	0	0	0	90	8,074	8,074	0	0	9,863	125
Bismarck State C.	473	0	0	0	0	0	0	0	0	0	0
Cankdeska Cikana Community C.	135	0	0	0	0	0	0	0	0	0	0
North Dakota State C. Science	362	0	0	0	0	0	0	0	0	0	0
North Dakota State U., Main Campus	35,536	0	0	0	0	6,475	6,475	0	0	630	125
Nueta Hidatsa Sahnish C.	350	0	0	0	0	0	0	0	0	0	0
Sitting Bull C.	98	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Turtle Mountain Community C.	544	0	0	0	0	0	0	0	0	0	0
U. North Dakota	38,426	0	0	0	90	1,599	1,599	0	0	9,233	0
United Tribes Technical C.	380	0	0	0	0	0	0	0	0	0	0
Ohio	979,136	0	0	0	1,073	115,569	54,804	59,942	823	35,842	553
Air Force Institute of Technology	1,000	0	0	0	0	950	150	0	800	50	0
Antioch U.	100	0	0	0	100	0	0	0	0	0	0
Bowling Green State U., Bowling Green	4,181	0	0	0	0	0	0	0	0	0	0
C. Wooster, The	488	0	0	0	0	307	0	307	0	0	0
Case Western Reserve U.	338,477	0	0	0	300	11,475	2,302	9,173	0	5,481	0
Central State U.	14,867	0	0	0	0	600	600	0	0	0	0
Cleveland State U.	8,363	0	0	0	0	0	0	0	0	0	0
Denison U.	248	0	0	0	0	0	0	0	0	0	0
John Carroll U.	427	0	0	0	0	0	0	0	0	0	0
Kent State U., Kent	7,857	0	0	0	126	0	0	0	0	980	0
Kenyon C.	615	0	0	0	0	0	0	0	0	0	0
Lorain County Community C.	187	0	0	0	0	0	0	0	0	0	0
Miami U.	10,736	0	0	0	0	304	304	0	0	289	95
Northeast Ohio Medical U.	7,943	0	0	0	0	0	0	0	0	0	0
Oberlin C.	1,189	0	0	0	0	0	0	0	0	0	0
Ohio Northern U.	196	0	0	0	0	0	0	0	0	0	0
Ohio State U., The	399,476	0	0	0	0	63,527	30,996	32,531	0	22,558	150
Ohio U.	16,483	0	0	0	250	0	0	0	0	3,938	0
Ohio Wesleyan U.	1,005	0	0	0	0	0	0	0	0	0	0
Sinclair Community C.	184	0	0	0	0	0	0	0	0	0	0
Southwestern Ohio Council for Higher Education	3,194	0	0	0	0	3,194	3,194	0	0	0	0
Stark State C.	130	0	0	0	0	0	0	0	0	0	0
Terra State Community C.	70	0	0	0	0	0	0	0	0	0	0
U. Akron, The, Akron	7,601	0	0	0	0	2,007	571	1,436	0	0	0
U. Cincinnati	105,986	0	0	0	298	17,341	2,091	15,227	23	1,553	0
U. Dayton	19,301	0	0	0	0	12,263	10,995	1,268	0	728	0
U. Toledo, The	19,507	0	0	0	0	219	219	0	0	264	308
Wittenberg U.	63	0	0	0	0	0	0	0	0	0	0
Wright State U., Dayton	8,715	0	0	0	0	3,382	3,382	0	0	0	0
Xavier U.	395	0	0	0	0	0	0	0	0	0	0
Youngstown State U.	150	0	0	0	0	0	0	0	0	0	0
Oklahoma	210,839	0	0	0	18,553	9,218	5,614	3,603	0	14,738	1,094
C. Muscogee Nation	35	0	0	0	0	0	0	0	0	0	0
Langston U.	9,669	0	0	0	0	1,200	1,200	0	0	0	0
Oklahoma State U., Stillwater	55,321	0	0	0	2,019	1,233	1,233	0	0	5,418	520

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Oral Roberts U.	399	0	0	0	0	0	0	0	0	0	0
U. Central Oklahoma	964	0	0	0	0	0	0	0	0	0	0
U. Oklahoma, The, Norman	140,997	0	0	0	16,534	6,485	2,882	3,603	0	8,667	528
U. Tulsa	3,454	0	0	0	0	300	300	0	0	653	46
Oregon	517,912	0	0	0	3,663	27,144	17,952	9,149	43	16,238	1,762
Central Oregon Community C.	197	0	0	0	0	0	0	0	0	0	0
Columbia Gorge Community C.	91	0	0	0	0	0	0	0	0	0	0
Lewis and Clark C.	183	0	0	0	0	0	0	0	0	0	0
National U. Natural Medicine	157	0	0	0	0	0	0	0	0	0	0
Oregon Health and Science U.	289,793	0	0	0	0	7,164	0	7,164	0	0	0
Oregon Institute of Technology	89	0	0	0	0	0	0	0	0	0	0
Oregon State U.	137,548	0	0	0	3,663	17,800	16,067	1,690	43	9,164	1,762
Pacific U.	758	0	0	0	0	0	0	0	0	0	0
Portland Community C.	130	0	0	0	0	0	0	0	0	0	0
Portland State U.	20,962	0	0	0	0	1,028	1,028	0	0	4,130	0
Reed C.	2,656	0	0	0	0	0	0	0	0	543	0
Southern Oregon U.	1,000	0	0	0	0	0	0	0	0	0	0
U. Oregon, Eugene	63,299	0	0	0	0	1,153	858	295	0	2,400	0
U. Portland	673	0	0	0	0	0	0	0	0	0	0
Willamette U.	375	0	0	0	0	0	0	0	0	0	0
Pennsylvania	2,461,686	0	0	0	2,938	413,623	184,969	166,374	62,279	55,561	1,430
Albright C.	1	0	0	0	0	0	0	0	0	0	0
Arcadia U.	188	0	0	0	0	0	0	0	0	0	0
Bryn Mawr C.	1,036	0	0	0	0	0	0	0	0	0	0
Bucknell U.	1,144	0	0	0	0	0	0	0	0	0	0
California U. Pennsylvania	1,317	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U.	210,552	0	0	0	75	89,765	64,773	16,683	8,309	7,987	0
Chatham U.	112	0	0	0	0	0	0	0	0	0	0
Community C. Philadelphia	109	0	0	0	0	0	0	0	0	0	0
Delaware Valley U.	25	0	0	0	0	0	0	0	0	0	0
Dickinson C.	330	0	0	0	0	0	0	0	0	0	0
Drexel U.	80,533	0	0	0	464	7,991	7,039	950	2	914	0
Duquesne U.	3,118	0	0	0	0	0	0	0	0	0	0
East Stroudsburg U. Pennsylvania	1,246	0	0	0	0	0	0	0	0	0	0
Edinboro U. Pennsylvania	6	0	0	0	0	0	0	0	0	0	0
Elizabethtown C.	1,196	0	0	0	0	0	0	0	0	0	0
Franklin and Marshall C.	616	0	0	0	0	0	0	0	0	0	0
Gannon U.	375	0	0	0	0	0	0	0	0	0	0
Gettysburg C.	684	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Harrisburg U. Science and Technology	135	0	0	0	0	0	0	0	0	0	0
Haverford C.	2,022	0	0	0	0	0	0	0	0	0	0
Indiana U. Pennsylvania, Indiana	461	0	0	0	0	0	0	0	0	0	0
Kutztown U. Pennsylvania	179	0	0	0	0	0	0	0	0	0	0
Lafayette C.	2,139	0	0	0	0	195	195	0	0	0	0
Lehigh U.	29,742	0	0	0	0	6,435	6,435	0	0	3,897	127
Marywood U.	193	0	0	0	0	0	0	0	0	0	0
Mercyhurst U.	142	0	0	0	0	0	0	0	0	0	0
Millersville U. Pennsylvania	511	0	0	0	0	0	0	0	0	0	0
Moravian C.	364	0	0	0	0	0	0	0	0	0	0
Pennsylvania C. Technology	375	0	0	0	0	0	0	0	0	0	0
Pennsylvania State U.	469,628	0	0	0	2,218	191,990	49,919	89,059	53,012	20,894	1,007
Pittsburgh Technical C.	130	0	0	0	0	0	0	0	0	0	0
Robert Morris U.	30	0	0	0	0	0	0	0	0	0	0
Saint Joseph's U.	1,595	0	0	0	180	137	0	137	0	0	0
Salus U.	355	0	0	0	0	0	0	0	0	0	0
Shippensburg U. Pennsylvania	16	0	0	0	0	0	0	0	0	0	0
Slippery Rock U. Pennsylvania	172	0	0	0	0	0	0	0	0	0	0
Swarthmore C.	1,634	0	0	0	0	0	0	0	0	66	0
Temple U.	96,539	0	0	0	0	5,382	4,825	557	0	2,397	0
Thomas Jefferson U.	81,197	0	0	0	0	8,646	593	8,053	0	0	0
U. Pennsylvania	723,114	0	0	0	0	46,823	33,384	13,439	0	11,311	0
U. Pittsburgh	737,138	0	0	0	0	55,447	17,571	36,920	957	7,345	296
U. Sciences, Philadelphia	855	0	0	0	0	0	0	0	0	0	0
U. Scranton	557	0	0	0	0	0	0	0	0	0	0
Ursinus C.	330	0	0	0	0	0	0	0	0	0	0
Villanova U.	8,395	0	0	0	0	737	160	577	0	750	0
Waynesburg U.	8	0	0	0	0	0	0	0	0	0	0
West Chester U. Pennsylvania	524	0	0	0	0	0	0	0	0	0	0
Widener U., Chester	611	0	0	0	0	75	75	0	0	0	0
Wilkes U.	5	0	0	0	0	0	0	0	0	0	0
Rhode Island	256,476	0	0	0	22,647	27,039	17,507	2,084	7,448	5,470	247
Brown U.	183,991	0	0	0	19	14,715	13,406	1,088	221	4,720	0
Naval War C.	6,517	0	0	0	0	6,517	0	0	6,517	0	0
Providence C.	4,907	0	0	0	0	181	181	0	0	0	0
Roger Williams U.	1,600	0	0	0	1,600	0	0	0	0	0	0
U. Rhode Island	59,461	0	0	0	21,027	5,627	3,920	996	710	750	247
South Carolina	316,673	0	0	0	2,799	28,095	22,246	5,493	356	16,105	573
Benedict C.	590	0	0	0	0	0	0	0	0	0	0
C. Charleston	1,042	0	0	0	41	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Central Carolina Technical C.	70	0	0	0	0	0	0	0	0	0	0
Citadel Military C. South Carolina	416	0	0	0	0	0	0	0	0	0	0
Claflin U.	629	0	0	0	0	629	629	0	0	0	0
Clemson U.	67,423	0	0	0	521	5,974	4,943	675	356	11,341	0
Florence-Darlington Technical C.	959	0	0	0	0	0	0	0	0	0	0
Furman U.	607	0	0	0	0	0	0	0	0	0	0
Greenville Technical C.	87	0	0	0	0	0	0	0	0	0	0
Medical U. South Carolina	132,078	0	0	0	0	3,828	0	3,828	0	0	0
South Carolina Sea Grant Consortium	1,997	0	0	0	1,997	0	0	0	0	0	0
South Carolina State U.	6,301	0	0	0	0	0	0	0	0	0	0
Spartanburg Community C.	78	0	0	0	0	0	0	0	0	0	0
Trident Technical C.	200	0	0	0	0	0	0	0	0	0	0
U. South Carolina	101,217	0	0	0	240	17,664	16,674	990	0	4,763	573
Voorhees C.	2,813	0	0	0	0	0	0	0	0	0	0
Winthrop U.	166	0	0	0	0	0	0	0	0	0	0
South Dakota	49,070	0	0	0	0	1,021	733	288	0	1,905	50
Augustana U., Sioux Falls	120	0	0	0	0	0	0	0	0	0	0
Black Hills State U.	576	0	0	0	0	0	0	0	0	0	0
Oglala Lakota C.	301	0	0	0	0	0	0	0	0	0	0
Sinte Gleska U.	25	0	0	0	0	0	0	0	0	0	0
Sisseton Wahpeton C.	1,440	0	0	0	0	336	336	0	0	0	0
South Dakota Board of Regents	8,104	0	0	0	0	0	0	0	0	0	0
South Dakota School of Mines & Technology	7,384	0	0	0	0	20	20	0	0	0	0
South Dakota State U.	19,410	0	0	0	0	377	377	0	0	1,876	50
U. South Dakota, The	11,711	0	0	0	0	288	0	288	0	29	0
Tennessee	820,609	0	148	0	736	71,845	49,815	20,511	1,519	55,291	425
Austin Peay State U.	503	0	0	0	0	0	0	0	0	0	0
Christian Brothers U.	187	0	0	0	0	0	0	0	0	0	0
East Tennessee State U.	6,313	0	148	0	0	0	0	0	0	0	0
Fisk U.	1,544	0	0	0	0	160	160	0	0	0	0
Lane C.	138	0	0	0	0	0	0	0	0	0	0
Lincoln Memorial U.	6	0	0	0	0	0	0	0	0	0	0
Meharry Medical C.	10,671	0	0	0	0	1,055	0	1,055	0	0	0
Middle Tennessee State U.	608	0	0	0	0	0	0	0	0	0	0
Northeast State Community C.	70	0	0	0	0	0	0	0	0	0	0
Oak Ridge Associated Universities	54,884	0	0	0	0	6,979	6,917	62	0	28,328	0
Rhodes C., Memphis	245	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Tennessee Board of Regents	240	0	0	0	0	0	0	0	0	0	0
Tennessee State U.	20,111	0	0	0	0	248	238	0	10	0	0
Tennessee Technological U.	6,548	0	0	0	120	75	75	0	0	3,845	0
U. Memphis, The	11,364	0	0	0	0	502	215	287	0	807	0
U. Tennessee, System Office	29,240	0	0	0	0	0	0	0	0	0	0
U. Tennessee, The, Chattanooga	3,016	0	0	0	0	0	0	0	0	0	0
U. Tennessee, The, Health Science Center	58,369	0	0	0	0	0	0	0	0	0	0
U. Tennessee, The, Knoxville	77,283	0	0	0	249	30,781	29,181	1,344	256	19,717	425
U. Tennessee, The, Knoxville, Institute of Agriculture	7,138	0	0	0	0	0	0	0	0	0	0
Vanderbilt U.	532,130	0	0	0	368	32,046	13,030	17,763	1,252	2,593	0
Texas	2,468,086	3,000	0	0	10,844	250,556	98,705	101,989	49,863	98,353	2,598
Abilene Christian U.	329	0	0	0	0	0	0	0	0	293	0
Alamo Colleges District	167	0	0	0	0	0	0	0	0	0	0
Amarillo C.	48	0	0	0	0	0	0	0	0	0	0
Angelo State U.	375	0	0	0	0	0	0	0	0	0	0
Austin C.	147	0	0	0	0	0	0	0	0	0	0
Austin Community C. District	108	0	0	0	0	0	0	0	0	0	0
Baylor C. Medicine	401,169	0	0	0	0	21,250	237	21,012	0	0	0
Baylor U.	13,673	0	0	0	0	528	528	0	0	1,119	10
C. Mainland	62	0	0	0	0	0	0	0	0	0	0
Dallas County Community C. District	10	0	0	0	0	0	0	0	0	0	0
Galveston C.	238	0	0	0	0	0	0	0	0	0	0
Hardin-Simmons U.	301	0	0	0	0	0	0	0	0	0	0
Houston Baptist U.	230	0	0	0	0	0	0	0	0	0	0
Lamar U.	1,722	0	0	0	0	0	0	0	0	1,000	0
Midwestern State U.	169	0	0	0	0	0	0	0	0	0	0
Our Lady of the Lake U.	460	0	0	0	0	0	0	0	0	0	0
Prairie View A&M U.	22,998	0	0	0	0	2,244	2,244	0	0	1,525	0
Rice U.	73,914	0	0	0	106	10,175	10,175	0	0	1,667	144
Sam Houston State U.	582	0	0	0	0	0	0	0	0	0	0
Southern Methodist U.	16,627	0	0	0	0	486	486	0	0	2,438	25
Southwestern U.	375	0	0	0	0	0	0	0	0	0	0
St. Edward's U.	298	0	0	0	0	0	0	0	0	0	0
Stephen F. Austin State U.	582	0	0	0	0	0	0	0	0	0	0
Tarleton State U.	1,198	0	0	0	0	0	0	0	0	0	0
Texas A&M International U.	2,534	0	0	0	0	0	0	0	0	122	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
Texas A&M U., College Station	300,614	3,000	0	0	2,399	18,979	13,130	5,597	251	20,249	413
Texas A&M U., San Antonio	1,884	0	0	0	0	90	0	90	0	898	0
Texas A&M U., System Office	19,962	0	0	0	3,148	7,952	2,216	5,736	0	3,120	0
Texas A&M U.-Commerce	2,061	0	0	0	0	25	25	0	0	296	0
Texas A&M U.-Corpus Christi	5,447	0	0	0	1,179	0	0	0	0	134	549
Texas A&M U.-Kingsville	6,227	0	0	0	0	914	914	0	0	35	102
Texas C.	100	0	0	0	0	0	0	0	0	0	0
Texas Christian U.	3,008	0	0	0	0	0	0	0	0	37	0
Texas Lutheran U.	37	0	0	0	0	0	0	0	0	0	0
Texas Southern U.	3,273	0	0	0	0	0	0	0	0	150	0
Texas State U.	14,494	0	0	0	2,108	1,335	1,335	0	0	911	230
Texas Tech U.	36,473	0	0	0	474	1,460	593	700	167	0	0
Texas Tech U. Health Sciences Center, El Paso	1,814	0	0	0	0	0	0	0	0	0	0
Texas Tech U., System Administration	9,852	0	0	0	0	960	960	0	0	2,885	0
Texas Wesleyan U.	3	0	0	0	0	0	0	0	0	0	0
Texas Woman's U.	1,190	0	0	0	0	150	150	0	0	0	0
Trinity U.	1,836	0	0	0	0	0	0	0	0	0	0
U. Houston	47,727	0	0	0	300	0	0	0	0	3,901	143
U. Houston, System Administration	20,115	0	0	0	0	1,975	1,815	155	5	0	0
U. Houston-Clear Lake	616	0	0	0	0	0	0	0	0	0	0
U. Houston-Downtown	239	0	0	0	0	0	0	0	0	0	0
U. Houston-Victoria	25	0	0	0	0	0	0	0	0	0	0
U. Incarnate Word	1,372	0	0	0	0	612	612	0	0	0	0
U. North Texas, Denton	97,705	0	0	0	36	9,097	8,782	300	15	1,050	0
U. Texas Health Science Center, The, Houston	121,693	0	0	0	0	6,627	1,236	5,391	0	0	0
U. Texas Health Science Center, The, San Antonio	103,071	0	0	0	0	9,043	0	7,581	1,462	0	0
U. Texas Health Science Center, The, Tyler	7,327	0	0	0	0	0	0	0	0	0	0
U. Texas M. D. Anderson Cancer Center, The	203,859	0	0	0	0	28,889	2,429	26,461	0	0	0
U. Texas Medical Branch at Galveston, The	159,341	0	0	0	0	1,309	0	1,309	0	0	0
U. Texas of the Permian Basin	776	0	0	0	0	292	292	0	0	0	0
U. Texas Rio Grande Valley, The	17,123	0	0	0	0	1,697	1,697	0	0	436	0
U. Texas Southwestern Medical Center, The	256,224	0	0	0	0	9,811	13	9,799	0	0	0
U. Texas, System Administration	10,437	0	0	0	0	7,642	7,642	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
U. Texas, The, Arlington	33,857	0	0	0	127	5,107	4,652	450	5	0	0
U. Texas, The, Austin	309,332	0	0	0	728	88,114	23,443	17,135	47,535	44,861	983
U. Texas, The, Dallas	50,971	0	0	0	240	6,787	6,514	273	0	2,081	0
U. Texas, The, El Paso	37,916	0	0	0	0	2,888	2,774	0	114	45	0
U. Texas, The, San Antonio	39,700	0	0	0	0	3,827	3,518	0	309	9,101	0
U. Texas, The, Tyler	1,481	0	0	0	0	291	291	0	0	0	0
Wayland Baptist U.	15	0	0	0	0	0	0	0	0	0	0
West Texas A&M U.	572	0	0	0	0	0	0	0	0	0	0
Utah	443,411	0	0	318	898	67,329	12,943	33,337	21,048	39,775	296
Bridgerland Technical C.	116	0	0	0	0	0	0	0	0	0	0
Brigham Young U., Provo	15,019	0	0	318	0	790	790	0	0	0	0
Salt Lake Community C.	78	0	0	0	0	0	0	0	0	0	0
Southern Utah U.	245	0	0	0	0	0	0	0	0	0	122
U. Utah, The	347,683	0	0	0	898	31,415	5,344	26,071	0	39,297	19
Utah State U.	78,754	0	0	0	0	35,124	6,809	7,267	21,048	478	155
Utah Valley U.	941	0	0	0	0	0	0	0	0	0	0
Weber State U.	299	0	0	0	0	0	0	0	0	0	0
Westminster C., Salt Lake City	276	0	0	0	0	0	0	0	0	0	0
Vermont	95,652	0	0	0	3,118	711	17	694	0	2,206	825
Johnson State C.	58	0	0	0	0	0	0	0	0	0	0
Middlebury C.	1,226	0	0	0	0	0	0	0	0	750	0
Norwich U.	216	0	0	0	0	0	0	0	0	0	0
Saint Michael's C.	134	0	0	0	0	0	0	0	0	0	0
U. Vermont	91,518	0	0	0	3,118	711	17	694	0	1,456	825
Vermont Law School	2,500	0	0	0	0	0	0	0	0	0	0
Virginia	684,024	4,685	0	0	10,855	72,060	45,556	18,688	7,816	23,119	0
American Indian Higher Education Consortium	603	0	0	0	0	0	0	0	0	0	0
Christopher Newport U.	773	0	0	0	0	0	0	0	0	0	0
Defense Acquisition U.	7	0	0	0	0	7	0	0	7	0	0
Eastern Virginia Medical School	12,529	4,685	0	0	0	0	0	0	0	0	0
George Mason U.	58,333	0	0	0	5,077	16,315	7,494	1,571	7,251	1,045	0
Hampton U.	7,607	0	0	0	0	799	799	0	0	452	0
Hollins U.	1	0	0	0	0	0	0	0	0	0	0
James Madison U.	3,991	0	0	0	0	152	0	152	0	0	0
Liberty U.	272	0	0	0	0	62	57	0	5	0	0
Longwood U.	214	0	0	0	0	0	0	0	0	0	0
Marymount U.	603	0	0	0	0	0	0	0	0	0	0
National Consortium for Graduate Degrees for Minorities in Engineering and Science Inc.	3,254	0	0	0	0	0	0	0	0	0	0
Norfolk State U.	2,003	0	0	0	0	452	452	0	0	56	0
Old Dominion U.	16,376	0	0	0	477	3,272	3,049	0	224	1,816	0
Randolph-Macon C.	436	0	0	0	0	0	0	0	0	0	0

TABLE 14

Federal obligations for science and engineering research and development to universities and colleges, by state, outlying area, institution, and agency (AID–DOI): FY 2022

(Dollars in thousands)

State, outlying area, and institution	All agencies	AID	ARC	DHS	DOC	DOD[a]				DOE	DOI
						Total	Research	Development			
								Advanced technology	Major systems		
U. Lynchburg	150	0	0	0	0	0	0	0	0	0	0
U. Richmond	870	0	0	0	0	0	0	0	0	0	0
U. Virginia	247,464	0	0	0	0	17,970	11,263	6,707	0	9,197	0
Virginia Commonwealth U.	126,855	0	0	0	0	8,112	1,431	6,681	0	0	0
Virginia Community C., System Office	1,532	0	0	0	0	0	0	0	0	0	0
Virginia Polytechnic Institute and State U.	168,864	0	0	0	0	22,133	18,231	3,577	325	7,896	0
Virginia State U.	13,203	0	0	0	0	2,043	2,038	0	5	0	0
Virginia Union U.	125	0	0	0	0	125	125	0	0	0	0
Virginia Wesleyan C.	12	0	0	0	0	0	0	0	0	0	0
Washington and Lee U.	260	0	0	0	0	0	0	0	0	0	0
William & Mary	17,685	0	0	0	5,301	616	616	0	0	2,658	0
Washington	993,788	1,000	0	0	24,746	104,754	83,807	12,109	8,839	38,982	501
Central Washington U.	6,359	0	0	0	0	0	0	0	0	5,367	0
Eastern Washington U.	31	0	0	0	0	0	0	0	0	0	0
Evergreen State C., The	149	0	0	0	0	0	0	0	0	0	0
Gonzaga U.	258	0	0	0	0	53	53	0	0	0	0
Heritage U.	29	0	0	0	0	0	0	0	0	0	0
Highline C.	547	0	0	0	0	0	0	0	0	0	0
Northwest Indian C.	1,796	0	0	0	543	0	0	0	0	0	0
Seattle Colleges	1,103	0	0	0	0	0	0	0	0	0	0
Seattle Pacific U.	544	0	0	0	0	0	0	0	0	0	0
Seattle U.	1,190	0	0	0	0	0	0	0	0	0	0
Skagit Valley C.	276	0	0	0	0	0	0	0	0	0	0
U. Puget Sound	139	0	0	0	0	0	0	0	0	0	0
U. Washington	873,274	0	0	0	23,965	102,472	82,081	11,552	8,839	30,456	172
Walla Walla Community C.	71	0	0	0	0	0	0	0	0	0	0
Washington State U.	100,374	1,000	0	0	0	2,229	1,672	557	0	3,159	314
Wenatchee Valley C.	67	0	0	0	0	0	0	0	0	0	0
Western Washington U.	6,358	0	0	0	239	0	0	0	0	0	15
Whatcom Community C.	632	0	0	0	0	0	0	0	0	0	0
Whitman C.	281	0	0	0	0	0	0	0	0	0	0
Whitworth U.	310	0	0	0	0	0	0	0	0	0	0
West Virginia	87,686	0	14	0	1,223	1,701	1,551	150	0	7,729	453
American Public U. System	1	0	0	0	0	0	0	0	0	1	0
BridgeValley Community and Technical C.	32	0	0	0	0	0	0	0	0	0	0
Concord U.	3	0	0	0	0	0	0	0	0	0	0
Fairmont State U.	1,049	0	0	0	0	0	0	0	0	0	0
Marshall U.	9,979	0	0	0	0	0	0	0	0	3	0
Mountwest Community and Technical C.	110	0	0	0	0	0	0	0	0	0	0
U. Charleston	428	0	0	0	385	0	0	0	0	0	0

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(Dollars in thousands)

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						Total	Research	Development			
								Advanced technology	Major systems		
West Virginia Council for Community and Technical C. Education	32	0	0	0	0	0	0	0	0	0	0
West Virginia State U.	42,709	0	0	0	0	0	0	0	0	0	0
West Virginia U.	33,075	0	14	0	838	1,701	1,551	150	0	7,726	453
Wheeling U.	270	0	0	0	0	0	0	0	0	0	0
Wisconsin	728,566	0	0	0	7,549	35,995	23,650	12,345	0	64,902	154
C. Menominee Nation	31	0	0	0	0	0	0	0	0	0	0
Carthage C.	735	0	0	0	0	0	0	0	0	0	0
Chippewa Valley Technical C.	111	0	0	0	0	0	0	0	0	0	0
Lac Courte Oreilles Ojibwe C.	8	0	0	0	0	0	0	0	0	0	0
Lakeshore Technical C.	134	0	0	0	0	0	0	0	0	0	0
Lawrence U.	431	0	0	0	0	0	0	0	0	0	0
Madison Area Technical C.	1,578	0	0	0	0	0	0	0	0	0	0
Marquette U.	16,447	0	0	0	0	341	341	0	0	2,203	0
Medical C. Wisconsin	112,422	0	0	0	0	1,118	296	822	0	0	0
Milwaukee Area Technical C.	130	0	0	0	0	0	0	0	0	0	0
Milwaukee School of Engineering	248	0	0	0	0	0	0	0	0	0	0
Northcentral Technical C.	69	0	0	0	0	0	0	0	0	0	0
St. Norbert C.	60	0	0	0	0	0	0	0	0	0	0
U. Wisconsin, System Office	148,259	0	0	0	7,477	34,213	23,012	11,201	0	62,698	154
U. Wisconsin-Eau Claire	506	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-La Crosse	245	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Madison	430,747	0	0	0	72	322	0	322	0	0	0
U. Wisconsin-Milwaukee	12,760	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Oshkosh	2,439	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Platteville	565	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Stevens Point	375	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Superior	93	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Whitewater	175	0	0	0	0	0	0	0	0	0	0
Wyoming	44,701	0	0	0	0	171	171	0	0	7,843	1,364
Central Wyoming C.	70	0	0	0	0	0	0	0	0	0	0
U. Wyoming	44,631	0	0	0	0	171	171	0	0	7,843	1,364
American Samoa	1,918	0	0	0	0	0	0	0	0	0	0
American Samoa Community C.	1,918	0	0	0	0	0	0	0	0	0	0
Guam	9,712	0	0	0	859	0	0	0	0	0	0
U. Guam	9,712	0	0	0	859	0	0	0	0	0	0
Puerto Rico	68,603	0	0	0	2,000	2,176	1,922	254	0	900	157
Inter American U. Puerto Rico	1,017	0	0	0	0	600	600	0	0	0	0

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						Total	Research	Development			
								Advanced technology	Major systems		
Polytechnic U. Puerto Rico	410	0	0	0	0	0	0	0	0	0	0
Ponce Health Sciences U.	8,794	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Aguadilla	835	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Cayey	314	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Humacao	520	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Mayaguez	6,617	0	0	0	2,000	756	502	254	0	0	0
U. Puerto Rico, Medical Sciences Campus	27,075	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, Ponce	528	0	0	0	0	528	528	0	0	0	0
U. Puerto Rico, Rio Piedras	9,894	0	0	0	0	0	0	0	0	0	0
U. Puerto Rico, System Office	11,321	0	0	0	0	293	293	0	0	900	157
Universidad Ana G. Mendez, Cupey	357	0	0	0	0	0	0	0	0	0	0
Universidad Ana G. Mendez, Gurabo Campus	178	0	0	0	0	0	0	0	0	0	0
Universidad Central del Caribe	742	0	0	0	0	0	0	0	0	0	0
Trust Territory of the Pacific Islands	3,719	0	0	0	0	0	0	0	0	0	0
C. Micronesia-FSM	1,906	0	0	0	0	0	0	0	0	0	0
Northern Marianas C.	1,813	0	0	0	0	0	0	0	0	0	0
U.S. Virgin Islands	10,796	0	0	0	0	152	152	0	0	0	125
U. Virgin Islands	10,796	0	0	0	0	152	152	0	0	0	125

* = amount greater than $0 but less than $500.

AID = Agency for International Development; ARC = Appalachian Regional Commission; DHS = Department of Homeland Security; DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; DOI = Department of the Interior.

[a] DOD states that more than 90% of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from academic departments. Furthermore, DOD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DOD total development obligations are therefore not comparable with development obligations at other federal agencies.

Note(s):
Detail may not add to total because of rounding.

Source(s):
National Center for Science and Engineering Statistics, Federal Science and Engineering Support FY 2022 module of the FYs 2022–23 Survey of Federal Funds for Research and Development.