

TABLE 19. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: FY 2005

(Dollars in thousands)

Rank	Institution	All agencies	DOC	DOD <sup>a</sup>	DOE	ED	EPA	HHS	NASA	NSF	USDA	Other <sup>b</sup>
	All institutions	25,010,740	222,529	2,504,260	935,529	153,603	144,965	15,817,438	1,087,421	3,151,972	726,806	266,217
1	Johns Hopkins U., The	1,045,440	209	296,698	4,315	2,236	792	566,577	138,304	26,206	1,568	8,535
2	U. WA	601,133	17,314	46,858	16,622	1,075	2,308	426,789	8,647	71,831	6,390	3,299
3	U. PA	519,620	172	38,340	9,113	8,585	150	433,401	2,241	25,552	992	1,074
4	U. CA, Los Angeles	494,020	0	34,143	20,201	0	25	364,642	12,893	61,227	444	445
5	U. MI all campuses	472,680	2,538	25,234	13,897	327	923	350,349	11,066	61,209	1,404	5,733
6	Stanford U.	460,854	574	39,641	18,305	0	741	281,846	72,116	46,746	0	885
7	U. CA, San Francisco	447,246	0	9,216	0	0	0	434,973	1,704	1,243	110	0
8	Duke U.	431,972	841	18,027	7,182	1,496	1,068	371,923	1,206	29,136	1,093	0
9	Columbia U. in the City of NY	410,983	11,466	19,671	12,811	0	6,795	303,175	0	56,196	104	765
10	Harvard U.	405,546	963	19,741	10,395	3,647	3,872	328,319	5,285	29,396	175	3,753
11	U. Pittsburgh all campuses	405,357	43	15,653	3,402	638	134	364,919	1,255	16,437	886	1,990
12	Washington U. St. Louis	403,249	0	3,063	3,971	53	1,735	374,013	7,163	12,582	480	189
13	U. CA, San Diego	401,431	140	31,593	14,247	0	0	288,003	7,355	57,817	738	1,538
14	U. WI Madison	374,705	1,090	14,751	25,802	0	1,285	238,573	9,096	66,487	16,068	1,553
15	Yale U.	356,341	211	3,983	9,040	154	0	314,142	1,613	26,445	678	75
16	MA Institute of Technology	342,758	2,079	35,689	62,308	0	260	161,558	16,218	60,074	899	3,673
17	U. CO all campuses	336,154	11,621	15,556	7,151	0	0	222,792	38,856	37,541	50	2,587
18	U. MN all campuses	328,981	669	18,954	7,186	11,601	817	221,188	5,713	45,463	13,385	4,005
19	Cornell U. all campuses	323,254	244	8,470	6,968	128	117	181,039	4,934	96,018	24,828	508
20	U. NC Chapel Hill	323,032	98	12,411	3,482	370	7,256	274,951	1,498	21,884	520	562
21	U. Southern CA	314,804	479	75,516	6,321	2,721	3,589	176,393	7,708	40,010	110	1,957
22	Case Western Reserve U.	287,651	0	3,119	911	0	0	271,489	3,791	8,332	0	9
23	Vanderbilt U.	279,238	0	7,978	1,910	4,112	0	250,698	1,185	13,206	149	0
24	PA State U. all campuses	270,219	1,347	93,155	13,111	1,104	606	83,573	12,038	46,859	15,196	3,230
25	Baylor C. of Medicine	250,913	0	837	0	150	0	243,748	412	0	5,766	0
26	U. Rochester	248,538	0	8,442	75,998	0	2,072	153,814	571	7,641	0	0
27	U. CA, Berkeley	245,465	571	11,164	7,089	0	2,953	83,984	58,950	68,784	9,496	2,474
28	Scripps Research Institute, The	241,195	0	7,674	0	0	0	208,762	0	24,759	0	0
29	U. AL Birmingham, The	232,904	0	6,748	257	0	0	212,320	10,060	3,401	0	118
30	U. Chicago	227,089	0	1,842	4,395	5,820	2,491	164,419	2,143	45,200	660	119
31	Emory U.	223,515	0	3,250	710	0	863	215,497	106	2,999	90	0
32	OH State U. all campuses	219,072	836	13,661	9,439	5,393	480	116,885	5,619	35,080	15,612	16,067
33	U. CA, Davis	217,305	0	6,166	6,357	0	3,866	135,503	3,449	38,994	21,882	1,088
34	Northwestern U.	216,007	330	14,950	7,582	1,501	47	158,486	3,468	25,941	50	3,652
35	U. AZ	201,403	1,361	9,506	3,671	154	852	101,897	42,173	31,718	7,878	2,193
36	Boston U.	200,411	190	9,765	3,878	1,255	0	145,649	6,723	32,851	0	100
37	U. FL	196,955	1,981	12,550	7,768	170	767	117,060	9,472	28,975	16,445	1,767
38	U. IL Urbana-Champaign	188,275	0	23,136	6,732	0	0	55,543	1,554	85,495	15,034	781

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39	U. VA all campuses	185,599	1,700	11,902	4,078	4,173	0	141,237	3,150	18,244	0	1,115
40	OR Health & Science U.	182,302	1,047	5,243	0	300	0	172,363	105	2,280	350	614
41	U. IA	182,228	147	6,653	1,043	0	0	159,506	4,017	9,308	77	1,477
42	U. MD Baltimore	181,504	30	4,649	206	0	0	175,853	0	163	354	249
43	Mt. Sinai School of Medicine	180,162	0	9,909	0	0	0	170,093	0	160	0	0
44	NY U.	176,712	70	7,514	2,541	4,963	446	140,853	508	19,792	0	25
45	U. TX Southwestern Medical Ctr. Dallas	170,879	0	5,150	1,625	0	0	162,716	756	632	0	0
46	IN U. all campuses	166,549	598	0	4,235	0	0	132,755	0	28,444	140	377
47	U. CA, Irvine	165,015	102	2,250	7,375	0	3,206	117,000	4,658	30,264	0	160
48	CA Institute of Technology	163,925	0	14,898	15,637	0	0	43,585	16,452	70,487	0	2,866
49	U. IL Chicago	158,342	697	6,888	4,600	0	1,531	129,610	600	12,660	750	1,006
50	U. TX M. D. Anderson Cancer Ctr.	157,317	0	10,537	0	0	0	146,620	160	0	0	0
51	U. UT	154,603	280	4,725	7,102	0	0	121,130	1,038	19,621	0	707
52	Yeshiva U.	147,929	0	3,094	432	0	0	144,358	0	45	0	0
53	GA Institute of Technology all campuses	137,153	539	73,598	4,209	1,450	0	18,051	1,231	37,760	0	315
54	U. TX Austin	133,504	695	29,701	15,610	110	1,151	46,962	6,388	32,318	8	561
55	MI State U.	133,303	448	4,098	10,676	1,360	3,951	39,593	3,511	45,939	23,109	618
56	U. KY all campuses	130,329	0	1,490	5,127	81	0	82,571	305	12,992	11,151	16,612
57	U. Miami	129,345	5,456	11,179	757	4,870	242	92,263	3,002	11,437	30	109
58	George Washington U.	129,252	520	59,344	1,352	97	0	59,879	808	2,320	200	4,732
59	Wake Forest U.	127,498	0	3,233	51	96	0	120,694	518	1,553	0	1,353
60	U. MD College Park	124,945	12,577	480	8,914	0	4,114	22,260	27,168	38,319	9,255	1,858
61	U. of Medicine and Dentistry NJ	122,087	0	2,425	150	150	3,999	113,385	298	659	0	1,021
62	Purdue U. all campuses	121,009	111	11,640	6,604	1,818	1,964	40,096	8,236	36,629	12,291	1,620
63	Rutgers, The State U. NJ all campuses	120,231	1,695	6,778	4,117	98	1,037	60,531	2,600	32,133	9,348	1,894
64	U. MA Worcester	120,150	0	686	371	0	0	118,512	0	581	0	0
65	LA State U. all campuses	119,723	1,717	15,005	5,489	0	1,589	69,217	1,348	14,622	8,392	2,344
66	U. TX Health Science Ctr. Houston	116,378	0	34,849	785	0	0	79,787	0	957	0	0
67	U. TX Medical Branch	114,647	0	861	83	526	0	111,076	1,474	502	125	0
68	U. Corp. for Atmospheric Research	113,635	11,809	931	6,081	0	0	0	8,742	86,072	0	0
69	U. CT all campuses	113,186	2,933	8,978	2,102	3,795	2,962	74,914	2,704	10,239	4,534	25
70	U. Cincinnati all campuses	110,972	94	4,377	1,253	178	85	99,711	155	4,932	0	187
71	Princeton U.	110,362	4,466	15,403	7,947	0	0	33,763	7,660	40,088	0	1,035

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72	CO State U.	108,764	3,671	7,472	5,165	0	566	44,849	11,074	20,724	13,279	1,964
73	Carnegie Mellon U.	105,387	708	29,638	5,998	993	692	14,255	7,503	43,141	0	2,459
74	Dartmouth C.	101,386	0	1,719	827	0	0	85,917	2,138	10,407	109	269
75	Georgetown U.	98,075	18	26,153	300	345	0	68,248	102	2,734	0	175
76	U. NM all campuses	97,943	176	9,448	3,316	0	80	65,522	3,672	15,089	429	211
77	SUNY Stony Brook all campuses	97,553	315	1,614	5,888	0	0	62,886	1,202	24,296	300	1,052
78	U. CA, Santa Barbara	94,498	183	25,746	6,893	0	404	14,295	4,936	39,619	943	1,479
79	VA Polytechnic Institute and State U.	92,251	520	22,931	5,606	69	779	20,948	838	21,752	13,081	5,727
80	Wayne State U.	91,937	0	10,288	992	0	0	74,390	1,216	4,891	0	160
81	Medical U. SC	91,298	0	5,963	0	150	0	82,772	558	1,239	616	0
82	U. KS all campuses	88,181	0	932	3,729	190	472	61,552	0	20,982	0	324
83	IA State U.	84,914	50	5,582	3,127	406	0	20,105	4,212	22,311	25,173	3,948
84	Medical C. WI	84,585	0	165	0	0	0	83,321	0	160	0	939
85	U. HI Manoa	83,434	11,894	0	1,215	0	708	39,274	0	23,732	6,611	0
86	OR State U.	82,884	2,568	7,788	5,047	949	4,049	15,731	5,686	23,713	14,940	2,413
87	U. TX Health Science Ctr. San Antonio	82,412	0	1,376	0	0	299	80,208	150	379	0	0
88	U. VT	81,782	224	1,181	1,028	175	793	63,670	676	5,512	6,896	1,627
89	NM State U. all campuses	81,224	0	45,070	2,605	0	0	5,865	15,963	4,757	6,709	255
90	AZ State U. main campus	80,785	0	11,248	2,852	1,488	3,840	31,649	2,745	25,839	631	493
91	Rockefeller U.	80,434	0	226	973	0	0	78,366	0	869	0	0
92	VA Commonwealth U.	79,202	0	3,990	1,752	0	0	69,515	1,855	2,090	0	0
93	NC State U.	78,825	2,229	8,830	5,205	129	1,901	16,018	2,220	19,091	22,406	796
94	Brown U.	77,184	50	7,123	3,664	0	0	46,502	3,870	15,885	0	90
95	U. OK all campuses	76,504	3,908	4,074	2,496	0	5,910	47,999	1,651	8,768	55	1,643
96	U. MO-Columbia	76,037	0	3,199	1,634	0	0	36,408	1,538	14,047	18,798	413
97	U. HI system office	75,784	0	52,789	1,841	1,947	747	0	12,684	0	0	5,776
98	U. GA	75,514	1,711	342	5,524	445	0	34,753	483	16,282	15,636	338
99	Thomas Jefferson U.	73,007	0	1,293	541	0	0	70,672	296	150	55	0
100	MS State U.	71,862	0	29,496	10,113	0	1,421	2,915	207	6,874	20,770	66

DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; ED = Department of Education; EPA = Environmental Protection Agency; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = U.S. Department of Agriculture.

<sup>a</sup> DOD research is reported separately from DOD development. 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. Refer to table 14 for DOD obligations to individual institutions, by R&D breakdown.

<sup>b</sup> See General Notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2005.