

Table B-19. Federally financed R&D expenditures at historically black colleges and universities, by science and engineering field: fiscal years 1993-2000

[Dollars in thousands]

Field	1993	1994	1995	1996	1997	1998	1999	2000
Total	157,207	174,561	199,335	222,262	254,256	248,633	216,513	226,591
Engineering	15,901	21,746	30,955	37,300	45,068	41,139	27,644	25,469
Aeronautical and astronautical	324	1,420	2,069	2,128	2,433	2,370	3,619	3,520
Bioengineering/bio- medical	--	--	--	--	159	183	56	568
Chemical	1,086	1,091	1,803	1,891	4,511	3,668	2,171	2,765
Civil	1,340	1,941	2,582	2,507	3,781	3,139	2,844	2,246
Electrical	3,781	5,707	7,467	10,302	8,492	7,730	5,579	5,342
Mechanical	5,314	6,237	8,566	9,685	15,077	14,657	7,423	6,189
Metallurgical and materials	58	101	1,526	1,862	3,269	2,370	302	162
Other, n.e.c.	3,998	5,249	6,942	8,925	7,346	7,022	5,650	4,677
All sciences	141,306	152,815	168,380	184,962	209,188	207,494	188,869	201,122
Physical sciences	27,472	32,337	36,143	35,277	43,101	41,314	43,851	36,232
Astronomy	1,544	2,518	4,095	5,730	7,246	4,371	4,209	3,874
Chemistry	12,256	11,682	12,880	13,019	14,014	18,752	21,215	12,850
Physics	13,077	17,596	18,263	16,312	21,511	17,979	17,920	19,501
Other, n.e.c.	595	541	905	216	330	212	507	7
Environmental sciences	2,847	4,377	5,517	12,488	11,134	11,926	8,182	9,318
Atmospheric	832	236	348	434	825	1,766	1,818	3,996
Earth sciences	32	37	1,094	1,348	721	1,623	1,042	1,798
Oceanography	212	150	286	183	91	79	383	824
Other, n.e.c.	1,771	3,954	3,789	10,523	9,497	8,458	4,939	2,700
Mathematical sciences	3,276	2,928	4,291	4,261	4,328	2,530	2,747	4,405
Computer sciences	4,138	4,217	6,951	13,336	13,763	12,284	13,550	12,497
Life sciences	93,379	97,711	94,247	104,716	121,856	123,459	109,467	120,815
Agricultural sciences	40,019	44,511	42,445	41,803	50,303	47,640	40,446	42,537
Biological sciences	38,201	39,418	39,452	44,513	49,109	53,174	42,506	45,239
Medical sciences	13,603	12,271	11,263	16,119	20,730	18,904	22,886	26,636
Other, n.e.c.	1,556	1,511	1,087	2,281	1,714	3,741	3,629	6,403
Psychology	3,050	2,930	3,665	1,729	1,025	979	1,777	1,334
Social sciences	5,527	6,477	7,300	6,605	7,281	5,613	5,354	7,972
Economics	2,833	2,595	2,904	1,014	1,258	1,063	1,171	1,121
Political science	107	274	173	425	457	254	134	508
Sociology	1,627	2,110	2,588	3,587	2,177	2,006	1,490	3,153
Other, n.e.c.	960	1,498	1,635	1,579	3,389	2,290	2,559	3,190
Other sciences, n.e.c.	1,617	1,838	10,266	6,550	6,700	9,389	3,941	8,549

KEY: -- = not available
n.e.c. = not elsewhere classified

NOTE: Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2000