

**Table B-18. R&D expenditures at historically black colleges and universities,  
by source of funds and science and engineering field:  
fiscal years 1993-2000**

[Dollars in thousands]

Source and field	1993	1994	1995	1996	1997	1998	1999	2000
<b>Total</b> .....	<b>191,369</b>	<b>211,439</b>	<b>241,434</b>	<b>263,508</b>	<b>290,369</b>	<b>293,190</b>	<b>254,825</b>	<b>261,498</b>
Source of funds								
Federal Government .....	157,207	174,561	199,335	222,262	254,256	248,633	216,513	226,591
State and local government .....	8,577	9,533	11,162	11,842	11,346	12,908	6,877	10,474
Industry .....	4,796	6,724	6,481	6,450	5,182	5,030	5,388	6,084
Institutional funds .....	17,716	17,187	21,050	19,697	13,967	10,696	14,681	13,163
All other sources .....	3,073	3,434	3,406	3,257	5,623	15,923	11,366	5,186
Field								
Engineering .....	21,149	26,906	35,433	42,823	49,739	48,164	31,905	29,401
Aeronautical and aeronautical .....	324	1,553	2,240	2,544	2,514	2,673	3,923	3,597
Bioengineering/bio- medical .....	--	--	--	--	164	183	56	883
Chemical .....	1,360	1,355	2,070	2,203	5,010	4,660	2,643	2,979
Civil .....	2,503	2,838	3,408	4,045	5,003	3,963	3,840	3,228
Electrical .....	4,360	6,842	8,089	11,106	8,749	8,191	6,531	6,136
Mechanical .....	6,860	7,438	9,548	10,849	16,704	17,899	8,186	6,705
Metallurgical and materials .....	58	190	1,614	2,212	3,561	2,518	379	167
Other, n.e.c. ....	5,684	6,690	8,464	9,864	8,034	8,077	6,347	5,706
All sciences .....	170,220	184,533	206,001	220,685	240,630	245,026	222,920	232,097
Physical sciences .....	32,380	39,458	41,401	40,225	47,801	46,815	48,920	40,408
Astronomy .....	1,576	2,614	4,295	5,853	7,269	4,384	4,567	4,306
Chemistry .....	13,551	13,715	14,797	15,169	16,534	21,772	22,985	13,989
Physics .....	16,395	22,542	21,297	18,935	23,633	20,206	20,800	22,050
Other, n.e.c. ....	858	587	1,012	268	365	453	568	63
Environmental sciences .....	3,853	6,087	15,562	17,218	14,214	14,700	11,327	11,226
Atmospheric .....	1,310	732	743	767	1,129	1,810	1,871	4,036
Earth sciences .....	39	507	1,756	2,509	1,753	2,958	2,443	2,850
Oceanography .....	245	653	587	299	185	173	447	940
Other, n.e.c. ....	2,259	4,195	12,476	13,643	11,147	9,759	6,566	3,400
Mathematical sciences .....	5,631	3,589	5,709	6,504	6,358	5,248	5,054	5,730
Computer sciences .....	4,686	5,020	8,791	16,814	15,646	14,138	15,686	14,269
Life sciences .....	106,870	114,743	107,713	120,909	138,233	143,598	124,692	137,440
Agricultural sciences .....	46,235	51,099	49,035	48,015	58,412	60,086	48,706	50,170
Biological sciences .....	41,710	45,477	43,458	51,052	54,619	57,851	45,699	48,570
Medical sciences .....	16,364	15,428	13,110	18,361	21,871	21,009	25,449	30,315
Other, n.e.c. ....	2,561	2,739	2,110	3,481	3,331	4,652	4,838	8,385
Psychology .....	3,326	3,580	3,947	2,019	1,135	1,002	2,275	1,700
Social sciences .....	9,917	8,914	10,333	9,740	9,878	8,082	8,459	10,893
Economics .....	3,190	2,741	3,196	1,175	1,426	1,156	1,344	1,427
Political science .....	513	549	438	749	987	464	299	731
Sociology .....	2,581	3,162	3,593	4,691	2,964	3,033	2,877	4,027
Other, n.e.c. ....	3,633	2,462	3,106	3,125	4,501	3,429	3,939	4,708
Other sciences, n.e.c. ....	3,557	3,142	12,545	7,256	7,365	11,443	6,507	10,431

**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