

Table A3. Federal R&D as Share of Total Federal Expenditures, FY 2001
(obligations in millions of U.S. dollars)

Rank	State*	Federal R&D as Percent of Total Federal	Total Federal R&D (millions)	Total Federal Expenditures** (millions)
1	Maryland	19.5%	9,398	48,164
2	New Mexico	16.5%	2,740	16,587
3	Massachusetts	9.9%	4,377	44,179
4	District of Columbia	8.5%	2,632	30,941
5	Alabama	8.0%	2,536	31,700
6	Georgia	7.2%	3,416	47,320
7	California	7.0%	13,221	188,517
8	Virginia	6.9%	4,924	71,257
9	New Hampshire	6.7%	421	6,314
10	Connecticut	6.3%	1,433	22,742
11	Rhode Island	6.3%	439	6,989
12	Arizona	5.9%	1,784	30,376
13	Colorado	5.7%	1,395	24,345
14	Maine	5.6%	458	8,180
15	Washington	4.2%	1,565	36,903
16	Ohio	3.9%	2,411	61,705
17	Texas	3.9%	4,347	112,530
18	Minnesota	3.6%	908	24,935
19	New Jersey	3.5%	1,631	46,240
20	Utah	3.5%	398	11,377
21	Pennsylvania	3.3%	2,642	79,310
22	Alaska	3.3%	213	6,403
23	Nevada	3.2%	310	9,624
24	North Carolina	3.2%	1,415	44,557
25	Tennessee	3.1%	1,133	36,758
26	Hawaii	3.0%	296	9,722
27	Vermont	3.0%	113	3,734
28	Idaho	3.0%	228	7,529
29	New York	3.0%	3,474	116,366
30	West Virginia	3.0%	371	12,541
31	Oregon	2.9%	539	18,401
32	Illinois	2.9%	1,861	65,036
33	Florida	2.8%	2,828	99,998
34	Missouri	2.3%	921	39,191
35	Michigan	2.3%	1,193	51,632
36	Montana	2.2%	144	6,618
37	Mississippi	2.1%	433	20,212
38	Iowa	2.0%	341	17,401
39	Wisconsin	1.9%	499	26,645
40	Kansas	1.9%	310	16,699
41	Indiana	1.7%	553	32,166
42	Delaware	1.7%	70	4,246
43	North Dakota	1.3%	79	5,948
44	South Carolina	1.3%	321	24,675
45	Nebraska	1.3%	137	10,771
46	Arkansas	1.1%	189	16,632
47	Kentucky	1.1%	273	25,835
48	Louisiana	1.1%	292	27,816
49	Wyoming	1.0%	37	3,584
50	Oklahoma	1.0%	228	22,672
51	South Dakota	1.0%	55	5,807
	-- Other / unknown		168	39,055
	Total U.S.	4.6%	82,104	1,778,884

Source: Federal R&D: National Science Foundation, *Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003*, 2003.

Federal Expenditures: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year 2001, 2002*. R&D data are for the 10 largest R&D supporting agencies only.

* 50 states and District of Columbia.

** expenditures (outlays). Ratio represents R&D obligations / total expenditures.

R&D = conduct of R&D and R&D plant (facilities and capital equipment).