

Table A4. Total R&D (All Funds) by State, 2001
(expenditures in millions of U.S. dollars)

Rank	State*	Total R&D 2001	% of U.S. Total	cumulative total
1	California	50,959	18.6%	18.6%
2	Michigan	15,533	5.7%	24.2%
3	Massachusetts	14,665	5.3%	29.6%
4	New York	14,422	5.3%	34.9%
5	Texas	12,722	4.6%	39.5%
6	New Jersey	11,392	4.2%	43.7%
7	Maryland	11,379	4.1%	47.8%
8	Pennsylvania	11,156	4.1%	51.9%
9	Illinois	10,472	3.8%	55.7%
10	Washington	10,372	3.8%	59.5%
11	Ohio	8,790	3.2%	62.7%
12	North Carolina	5,825	2.1%	64.8%
13	Florida	5,642	2.1%	66.9%
14	Virginia	5,544	2.0%	68.9%
15	Oregon	5,447	2.0%	70.9%
16	Connecticut	5,311	1.9%	72.8%
17	Minnesota	5,010	1.8%	74.6%
18	Colorado	4,313	1.6%	76.2%
19	Indiana	4,235	1.5%	77.7%
20	New Mexico	3,947	1.4%	79.2%
21	Wisconsin	3,249	1.2%	80.4%
22	Georgia	3,236	1.2%	81.6%
23	Arizona	3,048	1.1%	82.7%
24	Tennessee	2,651	1.0%	83.6%
25	Missouri	2,550	0.9%	84.6%
26	District of Columbia	2,543	0.9%	85.5%
27	Alabama	2,251	0.8%	86.3%
28	Kansas	1,597	0.6%	86.9%
29	New Hampshire	1,587	0.6%	87.5%
30	Rhode Island	1,579	0.6%	88.0%
31	Utah	1,495	0.5%	88.6%
32	South Carolina	1,447	0.5%	89.1%
33	Iowa	1,324	0.5%	89.6%
34	Delaware	1,316	0.5%	90.1%
35	Idaho	1,259	0.5%	90.5%
36	Kentucky	951	0.3%	90.9%
37	Oklahoma	872	0.3%	91.2%
38	Louisiana	827	0.3%	91.5%
39	Mississippi	650	0.2%	91.7%
40	Nebraska	580	0.2%	92.0%
41	West Virginia	466	0.2%	92.1%
42	North Dakota	461	0.2%	92.3%
43	Arkansas	451	0.2%	92.5%
44	Nevada	444	0.2%	92.6%
45	Vermont	423	0.2%	92.8%
46	Maine	389	0.1%	92.9%
47	Hawaii	358	0.1%	93.0%
48	Alaska	297	0.1%	93.2%
49	Montana	239	0.1%	93.2%
50	South Dakota	141	0.1%	93.3%
51	Wyoming	82	0.0%	93.3%
	-- Other / unknown	18,314	6.7%	100.0%
	Total U.S.	274,211	100.0%	

Source: R&D: National Science Foundation, 2003.

* 50 states and District of Columbia.

These data differ significantly from the federal R&D data for the following reasons:

1/ data are for calendar year 2001 rather than FY 2001; 2/ data are from performer surveys rather than funding sources; and 3/ data are in expenditures rather than obligations.