

**Table A3. Federal R&D as Share of Total Federal Expenditures, FY 2005**  
(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	19.1%	12,727	66,720
2	New Mexico	16.8%	3,463	20,604
3	District of Columbia	10.6%	4,027	37,859
4	Massachusetts	10.4%	5,792	55,830
5	Virginia	8.8%	8,385	95,097
6	California	8.4%	20,352	242,023
7	Missouri	8.4%	4,052	48,273
8	Connecticut	7.3%	2,241	30,774
9	Rhode Island	6.8%	575	8,423
10	Colorado	6.8%	2,126	31,173
11	Alabama	6.7%	2,827	42,061
12	Arizona	6.0%	2,681	44,639
13	Utah	5.5%	818	14,823
14	Washington	5.2%	2,422	46,338
15	West Virginia	4.9%	783	16,087
16	New Hampshire	4.4%	368	8,334
17	New Jersey	4.1%	2,395	58,617
18	Vermont	3.7%	171	4,645
19	Texas	3.7%	5,475	148,683
20	New York	3.5%	5,053	144,876
21	Hawaii	3.4%	428	12,699
22	Pennsylvania	3.3%	3,259	99,503
23	Tennessee	3.1%	1,492	48,288
24	Idaho	3.1%	296	9,598
25	Ohio	3.1%	2,396	77,881
26	North Carolina	3.0%	1,800	59,162
27	Georgia	3.0%	1,806	59,846
28	Nevada	2.8%	390	14,089
29	Alaska	2.7%	249	9,230
30	Illinois	2.6%	2,087	80,778
31	Oregon	2.5%	562	22,792
32	Minnesota	2.5%	763	31,067
33	Iowa	2.4%	480	20,345
34	Montana	2.3%	183	7,814
35	Maine	2.1%	244	11,356
36	Wisconsin	2.1%	706	33,749
37	Delaware	1.7%	95	5,495
38	Florida	1.7%	2,305	134,544
39	Michigan	1.7%	1,109	64,787
40	Mississippi	1.7%	435	26,181
41	North Dakota	1.7%	109	6,608
42	South Carolina	1.3%	429	32,044
43	Indiana	1.3%	558	42,347
44	Nebraska	1.1%	145	12,785
45	Louisiana	1.1%	417	39,628
46	Kansas	1.0%	208	20,492
47	South Dakota	1.0%	72	7,481
48	Oklahoma	0.9%	258	27,637
49	Kentucky	0.8%	288	34,653
50	Arkansas	0.8%	155	20,387
51	Wyoming	0.7%	34	4,782
	-- Other		245	40,837
	<b>Total U.S.</b>	<b>4.8%</b>	<b>110,736</b>	<b>2,284,760</b>

Source: Federal R&D: National Science Foundation, *Federal Funds for Research and Development: Fiscal Years 2005, 2006, and 2007*, 2008.

Federal Expenditures: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year 2005, 2006*. R&D data are for the 11 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).