

Summary Table 2. Total U.S. R&D (all funding sources) by State, 2004

(expenditures in millions of U.S. dollars)

by state*:	R&D		% of		Population		R&D per		GSP **		R&D /	
	2004 *	U.S. Total	Rank	(000; 2004)	Rank	capita (\$)	Rank	(2004)	GSP	Rank		
Alabama	2,760	0.9%	26	4,517	23	611	31	139,840	1.97%	24		
Alaska	271	0.1%	49	657	47	413	36	34,023	0.80%	44		
Arizona	3,544	1.2%	23	5,746	18	617	30	199,953	1.77%	28		
Arkansas	514	0.2%	45	2,747	32	187	51	80,902	0.64%	47		
California	59,607	20.5%	1	35,841	1	1,663	8	1,550,753	3.84%	8		
Colorado	5,497	1.9%	16	4,599	22	1,195	13	199,969	2.75%	13		
Connecticut	7,881	2.7%	11	3,494	29	2,256	5	185,802	4.24%	6		
Delaware	1,182	0.4%	34	829	45	1,426	11	54,274	2.18%	22		
District of Columbia	2,383	0.8%	27	580	50	4,110	1	76,685	3.11%	10		
Florida	5,409	1.9%	17	17,367	4	311	41	599,068	0.90%	41		
Georgia	3,655	1.3%	22	8,935	9	409	37	343,125	1.07%	38		
Hawaii	490	0.2%	46	1,259	42	389	38	50,322	0.97%	40		
Idaho	1,006	0.3%	35	1,395	39	722	24	43,571	2.31%	18		
Illinois	11,300	3.9%	8	12,714	5	889	17	521,900	2.17%	23		
Indiana	5,130	1.8%	18	6,223	14	824	21	227,569	2.25%	19		
Iowa	1,625	0.6%	31	2,954	30	550	32	111,114	1.46%	33		
Kansas	2,169	0.7%	28	2,738	33	792	22	98,946	2.19%	21		
Kentucky	1,006	0.3%	36	4,140	26	243	45	136,446	0.74%	46		
Louisiana	972	0.3%	37	4,496	24	216	48	152,944	0.64%	48		
Maine	384	0.1%	47	1,314	40	293	42	43,336	0.89%	42		
Maryland	14,341	4.9%	4	5,553	19	2,582	3	227,991	6.29%	2		
Massachusetts	15,987	5.5%	3	6,436	13	2,484	4	317,798	5.03%	3		
Michigan	16,722	5.8%	2	10,093	8	1,657	9	372,169	4.49%	4		
Minnesota	5,992	2.1%	15	5,094	21	1,176	14	223,822	2.68%	14		
Mississippi	651	0.2%	40	2,893	31	225	47	76,166	0.85%	43		
Missouri	3,038	1.0%	25	5,753	17	528	34	203,294	1.49%	31		
Montana	295	0.1%	48	926	44	318	40	27,482	1.07%	37		
Nebraska	740	0.3%	39	1,747	38	423	35	68,183	1.08%	36		
Nevada	623	0.2%	41	2,332	35	267	44	100,317	0.62%	49		
New Hampshire	1,665	0.6%	30	1,298	41	1,283	12	51,871	3.21%	9		
New Jersey	12,460	4.3%	7	8,676	10	1,436	10	416,053	2.99%	11		
New Mexico	5,114	1.8%	19	1,901	36	2,691	2	61,012	8.38%	1		
New York	13,113	4.5%	6	19,292	3	680	26	896,739	1.46%	32		
North Carolina	6,491	2.2%	14	8,531	11	761	23	336,398	1.93%	26		
North Dakota	558	0.2%	42	636	48	878	19	22,687	2.46%	16		
Ohio	7,816	2.7%	12	11,461	7	682	25	419,866	1.86%	27		
Oklahoma	814	0.3%	38	3,523	28	231	46	107,600	0.76%	45		
Oregon	3,664	1.3%	21	3,589	27	1,021	15	128,103	2.86%	12		
Pennsylvania	10,813	3.7%	10	12,377	6	874	20	468,089	2.31%	17		
Rhode Island	1,840	0.6%	29	1,079	43	1,706	7	41,679	4.42%	5		
South Carolina	1,599	0.6%	33	4,195	25	381	39	136,125	1.17%	35		
South Dakota	149	0.1%	50	770	46	193	49	29,386	0.51%	50		
Tennessee	3,180	1.1%	24	5,886	16	540	33	217,626	1.46%	34		
Texas	14,266	4.9%	5	22,518	2	634	29	884,136	1.61%	30		
Utah	1,602	0.6%	32	2,422	34	662	28	82,611	1.94%	25		
Vermont	546	0.2%	43	621	49	879	18	21,921	2.49%	15		
Virginia	7,345	2.5%	13	7,472	12	983	16	329,332	2.23%	20		
Washington	10,936	3.8%	9	6,206	15	1,762	6	261,549	4.18%	7		
West Virginia	523	0.2%	44	1,811	37	289	43	49,454	1.06%	39		
Wisconsin	3,675	1.3%	20	5,499	20	668	27	211,616	1.74%	29		
Wyoming	98	0.0%	51	506	51	193	50	23,979	0.41%	51		
Other / Unknown	7,169	2.5%										
Total U.S.	290,608	100.0%		293,638		990		11,665,595	2.49%			

Source: R&D: National Science Foundation, 2007.

Population: U.S. Bureau of the Census; GSP: U.S. Department of Commerce, Bureau of Economic Analysis.

* 50 states and District of Columbia. Totals differ from national totals because some R&D expenditures are not allocated by state. ** Gross State Product.

These data differ significantly from the federal R&D data for the following reasons:**1/ data are for calendar year 2004 rather than FY 2004; 2/ data are from performer surveys rather than funding sources; and 3/ data are in expenditures rather than obligations.**