

Summary Table 2. Total U.S. R&D (all funding sources) by State, 2001

(expenditures in millions of U.S. dollars)

by state*:	R&D			Population		R&D per		GSP **		R&D /	
	2001	% of U.S. Total	Rank	('000; 2001)	Rank	capita (\$)	Rank	(2001)	GSP	Rank	
Alabama	2,251	0.8%	27	4,464	23	504	31	121,490	1.85%	27	
Alaska	297	0.1%	48	635	47	467	32	28,581	1.04%	41	
Arizona	3,048	1.1%	23	5,307	20	574	30	160,687	1.90%	26	
Arkansas	451	0.2%	43	2,692	33	168	50	67,913	0.66%	47	
California	50,959	18.6%	1	34,501	1	1,477	11	1,359,265	3.75%	9	
Colorado	4,313	1.6%	18	4,418	24	976	15	173,772	2.48%	17	
Connecticut	5,311	1.9%	16	3,425	29	1,551	9	166,165	3.20%	13	
Delaware	1,316	0.5%	34	796	45	1,653	6	40,509	3.25%	12	
District of Columbia	2,543	0.9%	26	572	50	4,446	1	64,459	3.94%	8	
Florida	5,642	2.1%	13	16,397	4	344	38	491,488	1.15%	36	
Georgia	3,236	1.2%	22	8,384	10	386	36	299,874	1.08%	38	
Hawaii	358	0.1%	47	1,224	42	292	41	43,710	0.82%	45	
Idaho	1,259	0.5%	35	1,321	39	953	16	36,905	3.41%	10	
Illinois	10,472	3.8%	9	12,482	5	839	18	475,541	2.20%	22	
Indiana	4,235	1.5%	19	6,115	14	693	24	189,919	2.23%	20	
Iowa	1,324	0.5%	33	2,923	30	453	35	90,942	1.46%	32	
Kansas	1,597	0.6%	28	2,695	32	593	29	87,196	1.83%	29	
Kentucky	951	0.3%	36	4,066	25	234	45	120,266	0.79%	46	
Louisiana	827	0.3%	38	4,465	22	185	49	148,697	0.56%	50	
Maine	389	0.1%	46	1,287	40	302	40	37,449	1.04%	40	
Maryland	11,379	4.1%	7	5,375	19	2,117	4	195,007	5.84%	2	
Massachusetts	14,665	5.3%	3	6,379	13	2,299	2	287,802	5.10%	3	
Michigan	15,533	5.7%	2	9,991	8	1,555	8	320,470	4.85%	4	
Minnesota	5,010	1.8%	17	4,972	21	1,008	14	188,050	2.66%	16	
Mississippi	650	0.2%	39	2,858	31	228	46	67,125	0.97%	43	
Missouri	2,550	0.9%	25	5,630	17	453	34	181,493	1.40%	34	
Montana	239	0.1%	49	904	44	264	42	22,635	1.06%	39	
Nebraska	580	0.2%	40	1,713	38	338	39	56,967	1.02%	42	
Nevada	444	0.2%	44	2,106	35	211	47	79,220	0.56%	49	
New Hampshire	1,587	0.6%	29	1,259	41	1,260	13	47,183	3.36%	11	
New Jersey	11,392	4.2%	6	8,484	9	1,343	12	365,388	3.12%	14	
New Mexico	3,947	1.4%	20	1,829	36	2,158	3	55,426	7.12%	1	
New York	14,422	5.3%	4	19,011	3	759	21	826,488	1.75%	30	
North Carolina	5,825	2.1%	12	8,186	11	712	23	275,615	2.11%	24	
North Dakota	461	0.2%	42	634	48	727	22	19,005	2.43%	18	
Ohio	8,790	3.2%	11	11,374	7	773	19	373,708	2.35%	19	
Oklahoma	872	0.3%	37	3,460	28	252	44	93,855	0.93%	44	
Oregon	5,447	2.0%	15	3,473	27	1,569	7	120,055	4.54%	6	
Pennsylvania	11,156	4.1%	8	12,287	6	908	17	408,373	2.73%	15	
Rhode Island	1,579	0.6%	30	1,059	43	1,491	10	36,939	4.28%	7	
South Carolina	1,447	0.5%	32	4,063	26	356	37	115,204	1.26%	35	
South Dakota	141	0.1%	50	757	46	186	48	24,251	0.58%	48	
Tennessee	2,651	1.0%	24	5,740	16	462	33	182,515	1.45%	33	
Texas	12,722	4.6%	5	21,325	2	597	28	763,874	1.67%	31	
Utah	1,495	0.5%	31	2,270	34	658	26	70,409	2.12%	23	
Vermont	423	0.2%	45	613	49	689	25	19,149	2.21%	21	
Virginia	5,544	2.0%	14	7,188	12	771	20	273,070	2.03%	25	
Washington	10,372	3.8%	10	5,988	15	1,732	5	222,950	4.65%	5	
West Virginia	466	0.2%	41	1,802	37	259	43	42,368	1.10%	37	
Wisconsin	3,249	1.2%	21	5,402	18	601	27	177,354	1.83%	28	
Wyoming	82	0.0%	51	494	51	167	51	20,418	0.40%	51	
-- Other / unknown	18,314	6.7%									
Total U.S.	274,211	100.0%		284,797		963		10,137,190	2.71%		

Source: R&D: National Science Foundation, 2003

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

* 50 states and District of Columbia. ** Gross State Product.

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.**