

TABLE 10. U.S. R&D expenditures, by performing sector, source of funds, and character of work: 2011

Performing sector and character of work	Source of funds (\$millions)						Total expenditures (% distribution)
	Total	Business	Federal government	Universities and colleges	Nonfederal government	Other nonprofit organizations	
R&D	428,163	267,306	129,068	12,965	3,718	15,106	100.0
Business	294,093	262,784	31,309	*	*	*	68.7
Federal government	53,493	*	53,493	*	*	*	12.5
Federal intramural	35,775	*	35,775	*	*	*	8.4
FFRDCs	17,718	*	17,718	*	*	*	4.1
FFRDCs, industry administered	6,956	*	6,956	*	*	*	1.6
FFRDCs, U&C administered	5,246	*	5,246	*	*	*	1.2
FFRDCs, nonprofit administered	5,516	*	5,516	*	*	*	1.3
Universities and colleges	62,457	3,189	37,714	12,965	3,718	4,872	14.6
Other nonprofit organizations	18,120	1,333	6,553	*	*	10,234	4.2
Percent distribution by source	100.0	62.4	30.1	3.0	0.9	3.5	-
Basic research	74,161	15,080	39,901	8,117	2,329	8,734	100.0
Business	13,020	12,343	677	*	*	*	17.6
Federal government	11,372	*	11,372	*	*	*	15.3
Federal intramural	4,911	*	4,911	*	*	*	6.6
FFRDCs	6,461	*	6,461	*	*	*	8.7
FFRDCs, industry administered	2,673	*	2,673	*	*	*	3.6
FFRDCs, U&C administered	2,213	*	2,213	*	*	*	3.0
FFRDCs, nonprofit administered	1,575	*	1,575	*	*	*	2.1
Universities and colleges	40,281	1,997	24,786	8,117	2,329	3,051	54.3
Other nonprofit organizations	9,489	740	3,066	*	*	5,683	12.8
Percent distribution by source	100.0	20.3	53.8	10.9	3.1	11.8	-
Applied research	82,425	43,955	30,229	3,398	973	3,870	100.0
Business	47,186	42,782	4,404	*	*	*	57.2
Federal government	13,063	*	13,063	*	*	*	15.8
Federal intramural	7,849	*	7,849	*	*	*	9.5
FFRDCs	5,215	*	5,215	*	*	*	6.3
FFRDCs, industry administered	2,256	*	2,256	*	*	*	2.7
FFRDCs, U&C administered	1,318	*	1,318	*	*	*	1.6
FFRDCs, nonprofit administered	1,640	*	1,640	*	*	*	2.0
Universities and colleges	16,554	835	10,071	3,398	973	1,276	20.1
Other nonprofit organizations	5,622	338	2,691	*	*	2,594	6.8
Percent distribution by source	100.0	53.3	36.7	4.1	1.2	4.7	-
Development	271,577	208,271	58,938	1,450	416	2,503	100.0
Business	233,887	207,659	26,228	*	*	*	86.1
Federal government	29,058	*	29,058	*	*	*	10.7
Federal intramural	23,015	*	23,015	*	*	*	8.5
FFRDCs	6,043	*	6,043	*	*	*	2.2
FFRDCs, industry administered	2,027	*	2,027	*	*	*	0.7
FFRDCs, U&C administered	1,715	*	1,715	*	*	*	0.6
FFRDCs, nonprofit administered	2,301	*	2,301	*	*	*	0.8
Universities and colleges	5,623	357	2,856	1,450	416	545	2.1
Other nonprofit organizations	3,010	255	797	*	*	1,958	1.1
Percent distribution by source	100.0	76.7	21.7	0.5	0.2	0.9	-

* = small to negligible amount; included as part of the funding provided by other sectors.

FFRDC = federally funded research and development center; U&C = universities and colleges.

NOTES: These data revise previously published numbers. Funding for FFRDC performance is chiefly federal, but any nonfederal support is included in the federal figures. State and local government support to business are included in business support for business performance. Some components of R&D performance and funding by other nonprofit organizations are projected and may later be revised.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, National Patterns of R&D Resources (annual series).