

TABLE 11. U.S. R&D expenditures, by performing sector, source of funds, and character of work: 2012 (preliminary)

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	452,556	285,040	135,018	13,506	3,659	15,333	100.0
Business	316,700	280,400	36,300	*	*	*	70.0
Federal government	55,020	*	55,020	*	*	*	12.2
Federal intramural	37,574	*	37,574	*	*	*	8.3
FFRDCs	17,446	*	17,446	*	*	*	3.9
FFRDCs, industry administered	6,808	*	6,808	*	*	*	1.5
FFRDCs, U&C administered	5,174	*	5,174	*	*	*	1.1
FFRDCs, nonprofit administered	5,464	*	5,464	*	*	*	1.2
Universities and colleges	62,723	3,242	37,393	13,506	3,659	4,923	13.9
Other nonprofit organizations	18,113	1,398	6,305	*	*	10,410	4.0
Percent distribution by source	100.0	63.0	29.8	3.0	0.8	3.4	-
Basic research	74,849	15,962	39,372	8,398	2,275	8,841	100.0
Business	13,955	13,170	785	*	*	*	18.6
Federal government	11,225	*	11,225	*	*	*	15.0
Federal intramural	5,086	*	5,086	*	*	*	6.8
FFRDCs	6,139	*	6,139	*	*	*	8.2
FFRDCs, industry administered	2,446	*	2,446	*	*	*	3.3
FFRDCs, U&C administered	2,160	*	2,160	*	*	*	2.9
FFRDCs, nonprofit administered	1,533	*	1,533	*	*	*	2.0
Universities and colleges	40,045	2,016	24,295	8,398	2,275	3,061	53.5
Other nonprofit organizations	9,624	776	3,067	*	*	5,780	12.9
Percent distribution by source	100.0	21.3	52.6	11.2	3.0	11.8	-
Applied research	86,773	46,868	31,382	3,599	975	3,950	100.0
Business	50,756	45,650	5,106	*	*	*	58.5
Federal government	13,446	*	13,446	*	*	*	15.5
Federal intramural	8,084	*	8,084	*	*	*	9.3
FFRDCs	5,361	*	5,361	*	*	*	6.2
FFRDCs, industry administered	2,387	*	2,387	*	*	*	2.8
FFRDCs, U&C administered	1,386	*	1,386	*	*	*	1.6
FFRDCs, nonprofit administered	1,589	*	1,589	*	*	*	1.8
Universities and colleges	16,896	864	10,147	3,599	975	1,312	19.5
Other nonprofit organizations	5,675	354	2,682	*	*	2,638	6.5
Percent distribution by source	100.0	54.0	36.2	4.1	1.1	4.6	-
Development	290,935	222,210	64,264	1,510	409	2,542	100.0
Business	251,989	221,580	30,409	*	*	*	86.6
Federal government	30,349	*	30,349	*	*	*	10.4
Federal intramural	24,404	*	24,404	*	*	*	8.4
FFRDCs	5,945	*	5,945	*	*	*	2.0
FFRDCs, industry administered	1,975	*	1,975	*	*	*	0.7
FFRDCs, U&C administered	1,628	*	1,628	*	*	*	0.6
FFRDCs, nonprofit administered	2,342	*	2,342	*	*	*	0.8
Universities and colleges	5,783	362	2,951	1,510	409	550	2.0
Other nonprofit organizations	2,814	267	555	*	*	1,992	1.0
Percent distribution by source	100.0	76.4	22.1	0.5	0.1	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: The R&D data in this table are preliminary and may later be revised. 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).