

TABLE 21. R&D performance by matched U.S. parent companies and SIRD sample companies, by source of funds: SIRD 2004

Source of funds	Companies ^a	R&D performance (US\$millions)		
		All industries	Manufacturing	Nonmanufacturing
SIRD sample companies				
All R&D	8,743	203,656	151,525	52,131
Company ^b	8,621	180,344	131,890	48,453
Federal government	702	23,313	19,635	3,678
SIRD matched U.S. parent companies				
All R&D	1,497	157,935	124,965	32,970
Company ^b	1,492	139,306	107,277	32,029
Federal government	132	18,630	17,688	941
		Matched as percent of SIRD sample (%)		
All R&D	17.1	77.6	82.5	63.2
Company ^b	17.3	77.2	81.3	66.1
Federal government	18.8	79.9	90.1	25.6

BEA = Bureau of Economic Analysis; SIRD = Survey of Industrial Research and Development; USDIA = U.S. Direct Investment Abroad.

^a Companies in all industries reporting non-zero value for item.

^b Includes company and other nonfederal sources.

NOTES: Data from SIRD (cosponsored by National Science Foundation and U.S. Census Bureau) matched to data from USDIA survey (conducted by BEA). SIRD data presented are aggregations of unweighted microdata. SIRD is a sample survey, with sample stratified by size and industry. Estimates for total U.S. industrial R&D activity published elsewhere are computed by weighting data in SIRD sample to universe totals. Data for SIRD sample companies in this table do not cover total U.S. industrial R&D activity; data cover only companies included in SIRD sample. Data for U.S. parent companies were matched to data for companies included in SIRD sample. Data presented in this table cover only parent companies included in sample; that is, data for matched U.S. parent companies have not been weighted, so they do not represent universe of all such companies. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, U.S. Bureau of Economic Analysis, and U.S. Census Bureau. R&D Data Link Project, 2004-07.