

TABLE 36. R&D performance by matched majority-owned U.S. affiliates of foreign companies and SIRD sample companies, by character of work: SIRD 2005

Character of work	Companies ^a	R&D performance (US\$millions)		
		All industries	Manufacturing	Nonmanufacturing
SIRD sample companies				
All R&D	9,720	217,915	160,456	57,460
Basic research	2,011	8,468	6,619	1,850
Applied research	4,447	43,022	32,531	10,492
Development	8,790	166,425	121,306	45,119
SIRD matched majority-owned U.S. affiliates				
All R&D	962	29,963	23,300	6,662
Basic research	293	1,016	919	97
Applied research	481	6,138	4,300	1,839
Development	898	22,808	18,082	4,727
Matched as percent of SIRD sample (%)				
All R&D	9.9	13.7	14.5	11.6
Basic research	14.6	12.0	13.9	5.2
Applied research	10.8	14.3	13.2	17.5
Development	10.2	13.7	14.9	10.5

BEA = Bureau of Economic Analysis; FDIUS = Foreign Direct Investment in the United States; SIRD = Survey of Industrial Research and Development.

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

NOTES: Data from SIRD (cosponsored by National Science Foundation and U.S. Census Bureau) matched to data from FDIUS survey (conducted by BEA). Majority-owned classification based on FDIUS survey data. 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, only companies included in SIRD sample. U.S. affiliate data were matched to data for companies included in SIRD sample. Data in this table cover only affiliates included in sample; that is, matched U.S. affiliate data 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.