

TABLE 74. Summary SIRD and USDIA survey data for matched U.S. parent companies and their majority-owned foreign affiliates: 2006

Characteristic	U.S. parent companies				MOFAs	
	NSF/Census SIRD		BEA USDIA survey		BEA USDIA survey	
	Companies ^a	US\$millions, employees (1,000s) ^b	Companies ^a	US\$millions, employees (1,000s) ^b	Companies ^a	US\$millions, employees (1,000s) ^b
All industries						
Sales ^c	1,557	4,975,913	1,595	5,075,755	3,531	1,233,284
R&D performed	1,546	177,905	1,101	183,383	3,542	28,576
Character of work (SIRD)						
Basic research	474	6,060	na	na	na	na
Applied research	846	33,279	na	na	na	na
Development	1,448	138,566	na	na	na	na
Source of funding (SIRD)						
Company-funded R&D ^d	1,543	157,748	na	na	na	na
Federally funded R&D	131	20,157	na	na	na	na
Source of funding (USDIA survey)						
R&D performed for federal government	na	na	NA	NA	NA	NA
R&D performed for themselves	na	na	NA	NA	NA	NA
R&D performed for foreign affiliates ^e	na	na	NA	NA	NA	NA
R&D performed for others	na	na	NA	NA	NA	NA
R&D performed by others ^f (SIRD)						
In the United States	405	7,958	na	na	na	na
Overseas	609	26,406	na	na	na	na
R&D performed by others ^g (USDIA survey)						
U.S. parent companies	na	na	NA	NA	NA	NA
MOFA's	na	na	NA	NA	NA	NA
Employees	1,561	11,281	1,594	11,630	3,481	2,710
R&D employees ^h	1,546	704	NA	NA	NA	NA
Manufacturing						
Sales ^c	1,160	3,352,418	1,158	3,370,308	3,129	1,112,765
R&D performed	1,156	138,145	824	145,174	3,140	25,702
Character of work (SIRD)						
Basic research	368	5,150	na	na	na	na
Applied research	669	27,979	na	na	na	na
Development	1,082	105,016	na	na	na	na
Source of funding (SIRD)						
Company-funded R&D ^d	1,153	121,040	na	na	na	na
Federally funded R&D	98	17,105	na	na	na	na
Source of funding (USDIA survey)						
R&D performed for federal government	na	na	NA	NA	NA	NA
R&D performed for themselves	na	na	NA	NA	NA	NA
R&D performed for foreign affiliates ^e	na	na	NA	NA	NA	NA
R&D performed for others	na	na	NA	NA	NA	NA
R&D performed by others ^f (SIRD)						
In the United States	293	6,934	na	na	na	na
Overseas	457	20,975	na	na	na	na
R&D performed by others ^g (USDIA survey)						
U.S. parent companies	na	na	NA	NA	NA	NA
MOFA's	na	na	NA	NA	NA	NA
Employees	1,163	6,694	1,157	6,826	3,084	2,252
R&D employees ^h	1,156	505	NA	NA	NA	NA

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	Companies ^a	US\$millions, employees (1,000s) ^b	Companies ^a	US\$millions, employees (1,000s) ^b	Companies ^a	US\$millions, employees (1,000s) ^b
Wholesale trade						
Sales ^c	40	30,805	99	549,698	99	26,038
R&D performed	40	359	70	5,502	99	293
Character of work (SIRD)						
Basic research	8	3	na	na	na	na
Applied research	20	50	na	na	na	na
Development	33	306	na	na	na	na
Source of funding (SIRD)						
Company-funded R&D ^d	40	D	na	na	na	na
Federally funded R&D	D	D	na	na	na	na
Source of funding (USDIA survey)						
R&D performed for federal government	na	na	NA	NA	NA	NA
R&D performed for themselves	na	na	NA	NA	NA	NA
R&D performed for foreign affiliates ^e	na	na	NA	NA	NA	NA
R&D performed for others	na	na	NA	NA	NA	NA
R&D performed by others ^f (SIRD)						
In the United States	9	10	na	na	na	na
Overseas	10	113	na	na	na	na
R&D performed by others ^g (USDIA survey)						
U.S. parent companies	na	na	NA	NA	NA	NA
MOFA's	na	na	NA	NA	NA	NA
Employees	40	42	99	601	97	38
R&D employees ^h	40	2	NA	NA	NA	NA
Nonmanufacturing, excluding wholesale trade						
Sales ^c	357	1,592,690	338	1,155,748	303	94,481
R&D performed	350	39,401	207	32,707	303	2,580
Character of work (SIRD)						
Basic research	98	907	na	na	na	na
Applied research	157	5,250	na	na	na	na
Development	333	33,244	na	na	na	na
Source of funding (SIRD)						
Company-funded R&D ^d	350	D	na	na	na	na
Federally funded R&D	32	D	na	na	na	na
Source of funding (USDIA survey)						
R&D performed for federal government	na	na	NA	NA	NA	NA
R&D performed for themselves	na	na	NA	NA	NA	NA
R&D performed for foreign affiliates ^e	na	na	NA	NA	NA	NA
R&D performed for others	na	na	NA	NA	NA	NA
R&D performed by others ^f (SIRD)						
In the United States	103	1,013	na	na	na	na
Overseas	142	5,317	na	na	na	na

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	US\$millions,		US\$millions,		US\$millions,	
	Companies ^a	employees (1,000s) ^b	Companies ^a	employees (1,000s) ^b	Companies ^a	employees (1,000s) ^b
R&D performed by others ^d (USDIA survey)						
U.S. parent companies	na	na	NA	NA	NA	NA
MOFA's	na	na	NA	NA	NA	NA
Employees	358	4,546	338	4,203	300	420
R&D employees ^h	350	196	NA	NA	NA	NA

D = suppressed to avoid disclosure of confidential information; na = not applicable; NA = not available.

BEA = Bureau of Economic Analysis; MNC = multinational company; MOFA = majority-owned foreign affiliate; NSF = National Science Foundation; SIRD = Survey of Industrial Research and Development; USDIA = U.S. Direct Investment Abroad.

^a Companies reporting non-zero value for item.

^b Counts of employees are in the 1,000s; all other values are in millions of U.S. dollars.

^c Sales by U.S. parent companies include sales to MOFAs and to other parent companies; sales by MOFAs include sales to parent companies and to other MOFAs. An MNC-wide total for sales cannot be derived by adding parent company sales and MOFA sales because transactions among and within MNCs would be duplicated.

^d Includes company and other nonfederal sources.

^e For MOFAs, consists of R&D performed for other foreign affiliates or for U.S. parent companies.

^f R&D performed by others is company funded.

^g R&D performed by others is company funded. For U.S. parent companies, consists of R&D performed for parent companies by others in United States and overseas, including by foreign affiliates. For MOFAs, consists of R&D performed for MOFAs by U.S. parent companies and other U.S. or foreign companies.

^h In SIRD, R&D employees are reported as full-time equivalent employment. In USDIA survey, R&D employees are reported as full- and part-time employees who devote a majority of their time to R&D.

NOTES: Data from SIRD (cosponsored by NSF and U.S. Census Bureau) matched to USDIA survey (conducted by BEA). SIRD data presented are aggregations of unweighted microdata. Industry data for U.S. parent companies from SIRD are as classified by Census Bureau. Industry data for U.S. parent companies and MOFAs from USDIA survey are as classified by BEA. In SIRD, 1,531 parent companies were linked to USDIA survey; of these, 1,151 were classified in manufacturing industries, 41 were classified in wholesale trade industries, and 339 were classified in nonmanufacturing industries, excluding wholesale trade. In USDIA survey, 1,529 parent companies were linked to SIRD; of these, 859 were classified in manufacturing industries, 86 were classified in whole trade industries, and 584 were classified in nonmanufacturing industries, excluding wholesale trade. MOFA data from USDIA survey cover affiliates with a non-zero value for R&D.

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.