

TABLE 99. Summary SIRD and BEA USDIA survey data for matched U.S. parent companies and their majority-owned foreign affiliates: 2007

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	1,527	5,169,746	1,540	5,279,250	3,573	1,283,649
R&D performed	1,512	192,410	1,078	197,979	3,589	32,762
Character of work (SIRD)						
Basic research	443	8,649	na	na	na	na
Applied research	817	37,422	na	na	na	na
Development	1,401	146,339	na	na	na	na
Source of funding (SIRD)						
Company-funded R&D ^d	1,510	168,557	na	na	na	na
Federally funded R&D	137	23,853	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	435	9,997	na	na	na	na
Overseas	647	41,829	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	1,530	11,236	1,539	11,478	3,514	2,669
R&D employees ^h	1,512	742	NA	NA	NA	NA
Manufacturing						
Sales ^c	1,156	3,505,508	1,121	3,421,534	3,141	1,144,475
R&D performed	1,147	147,054	815	155,210	3,157	28,555
Character of work (SIRD)						
Basic research	353	8,007	na	na	na	na
Applied research	660	30,122	na	na	na	na
Development	1,064	108,925	na	na	na	na
Source of funding (SIRD)						
Company-funded R&D ^d	1,145	126,912	na	na	na	na
Federally funded R&D	110	20,142	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	322	8,374	na	na	na	na
Overseas	480	32,696	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	1,158	6,627	1,120	6,670	3,091	2,184
R&D employees ^h	1,147	534	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	48	46,955	100	606,701	99	35,909
R&D performed	47	435	69	6,083	99	257
Character of work (SIRD)						
Basic research	8	24	na	na	na	na
Applied research	19	94	na	na	na	na
Development	40	317	na	na	na	na
Source of funding (SIRD)						
Company-funded R&D ^d	47	435	na	na	na	na
Federally funded R&D	0	0	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	3	na	na	na	na
Overseas	17	169	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	48	78	100	661	97	69
R&D employees ^h	47	2	NA	NA	NA	NA
Nonmanufacturing, excluding wholesale trade						
Sales ^c	323	1,617,283	319	1,251,016	333	103,265
R&D performed	318	44,921	194	36,686	333	3,950
Character of work (SIRD)						
Basic research	82	617	na	na	na	na
Applied research	138	7,207	na	na	na	na
Development	297	37,097	na	na	na	na
Source of funding (SIRD)						
Company-funded R&D ^d	318	41,210	na	na	na	na
Federally funded R&D	27	3,711	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	104	1,620	na	na	na	na
Overseas	150	8,964	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	324	4,531	319	4,147	326	416
R&D employees ^h	318	205	NA	NA	NA	NA

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 National Science Foundation 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, 1,586 parent companies were linked to USDIA survey; of these, 1,199 were classified in manufacturing industries, 53 were classified in wholesale trade industries, and 334 were classified in nonmanufacturing industries, excluding wholesale trade. In USDIA survey, 1,540 parent companies were linked to SIRD; of these, 1,121 were classified in manufacturing industries, 100 were classified in whole trade industries, and 319 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.