

Appendix table 4-36
Company-funded R&D expenditures within companies and contract R&D expenditures in United States, selected historical data: 1993–2001

Sector	R&D within companies	Contract R&D	Ratio of contract R&D to R&D within companies
	Millions of current dollars		Percent
All industries			
1993	94,591	3,462	3.7
1994	97,131	3,618	3.7
1995	108,652	5,177	4.8
1996	121,015	5,833	4.8
1997	133,611	6,000	4.5
1998	145,016	6,710	4.6
1999	160,176	9,240	5.8
2000	180,421	14,785	8.2
2001	181,606	8,723	4.8
Manufacturing			
1993	69,901	2,339	3.3
1994	73,375	2,450	3.3
1995	81,236	3,812	4.7
1996	91,845	4,293	4.7
1997	101,202	4,143	4.1
1998	102,211	4,641	4.5
1999	99,865	4,080	4.1
2000	110,750	4,794	4.3
2001	109,221	3,957	3.6

NOTES: Data are company and other non-Federal funds for industrial R&D performance in the United States within the company and contracted to external organizations. Starting with the 1999 survey, estimates are based on North American Industry Classification System. In prior years, estimates were based on the Standard Industrial Classification System.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Industrial Research and Development, annual series, <http://www.nsf.gov/sbe/srs/indus/start.htm>.