Table 791. **Research and Development (R&D) Scientists and Engineers—Employment and Cost by Industry: 2002 to 2004**

[**1,073.3 represents 1,073,300**]

Industry	NAICS [1] code	Employed scientists and engineers [2] (1,000)			Cost per scientist or engineer, Constant (**2000**) dollars [3, 4] ($1,000)		
		2002	**2003**	**2004**	**2002**	**2003**	**2004**
All industries [5]	**(X)**	**1,073.3**	**1,115.8**	**1,133.7**	**181.5**	**180.8**	**181.3**
Chemicals	325	84.2	89.1	105.0	239.2	245.1	302.3
Machinery	333	56.2	55.9	59.0	115.4	111.5	109.8
Electrical equipment, appliances, and components	335	23.8	15.2	17.9	149.8	(D)	(D)
Motor vehicles, trailers, and parts	3361–3363	69.6	41.6	(NA)	(D)	(D)	(D)
Aerospace products and parts	3364	25.8	36.6	39.3	(D)	405.9	320.3
Transportation and warehousing services	48, 49	0.4	–	–	(D)	(D)	(D)
Software publishing	5112	81.0	93.6	100.1	163.0	155.3	168.7
Architectural, engineering, and related services	5413	28.0	35.3	39.9	152.7	141.9	111.6
Computer systems design and related services	5415	76.8	77.8	69.7	133.2	152.7	163.8
Scientific R&D services	5417	55.0	48.5	45.8	260.2	258.1	293.1
Management of companies and enterprises	55	1.5	1.0	(NA)	167.6	162.2	(NA)

– Represents or rounds to zero. D Withheld to avoid disclosure. NA Not available. X Not applicable. [1] North American Industry Classification System 1997 (NAICS); see text, Section 15. [2] The mean number of full-time equivalent R&D scientists and engineers employed in January of the year shown and the following January. [3] Based on gross domestic product implicit price deflator. [4] Represents the arithmetic mean of the numbers of R&D scientists and engineers reported in each industry for January in 2 consecutive years divided into total R&D expenditures in each industry. [5] Includes other industries not shown separately.

Source: U.S. National Science Foundation, *Research and Development in Industry,* annual (released February 2007). See also <http://www.nsf.gov/statistics/showpub.cfm?TopID=5&SubID=36>.