

Appendix table 6-52

(Page 1 of 2)

Firms and employment in U.S. high-technology small businesses, by industry: 2004

Industry	Firms		Employment	
	Number	Share all firms (%)	Employees (thousands)	Share total employment (%)
All industries.....	481,512	100.0	5,045.3	100.0
Services	413,644	85.9	3,374.4	66.9
Architectural, engineering, and related services.....	96,213	20.0	859.0	17.0
Computer systems design and related services	94,177	19.6	589.7	11.7
Data processing, hosting, and related services	7,488	1.6	112.8	2.2
Electronic and precision equipment repair and maintenance.....	12,067	2.5	79.3	1.6
Facilities support services	1,547	0.3	41.6	0.8
Internet publishing and broadcasting.....	1,810	0.4	16.4	0.3
Internet service providers and web search portals	4,764	1.0	36.3	0.7
Management of companies and enterprises	19,827	4.1	342.6	6.8
Management, scientific, and technical consulting services	120,645	25.1	548.2	10.9
Other pipeline transportation	39	0.0	0.8	0.0
Other telecommunications.....	401	0.1	4.5	0.1
Pipeline transportation of crude oil	31	0.0	0.6	0.0
Pipeline transportation of natural gas	98	0.0	1.8	0.0
Professional and commercial equipment and supplies merchant wholesalers.....	27,481	5.7	318.3	6.3
Satellite telecommunications.....	462	0.1	7.1	0.1
Scientific research and development services	11,952	2.5	186.3	3.7
Securities and commodity exchanges.....	93	0.0	1.8	0.0
Software publishers.....	6,392	1.3	121.8	2.4
Telecommunications resellers.....	2,411	0.5	24.8	0.5
Wired telecommunications carriers.....	2,689	0.6	53.8	1.1
Wireless telecommunications carriers (except satellite)	3,057	0.6	26.8	0.5
Manufacturing	59,717	12.4	1,553.3	30.8
Aerospace product and parts manufacturing.....	1,154	0.2	34.8	0.7
Audio and video equipment manufacturing	504	0.1	11.4	0.2
Basic chemical manufacturing.....	1,041	0.2	35.6	0.7
Boiler, tank, and shipping container manufacturing.....	1,209	0.3	39.5	0.8
Commercial and service industry machinery manufacturing	2,074	0.4	50.6	1.0
Communications equipment manufacturing.....	1,596	0.3	52.8	1.1
Computer and peripheral equipment manufacturing	1,326	0.3	28.8	0.6
Electrical equipment manufacturing	1,976	0.4	50.6	1.0
Engine, turbine, and power transmission equipment manufacturing.....	677	0.1	21.5	0.4
Industrial machinery manufacturing	3,693	0.8	87.3	1.7
Manufacturing and reproducing magnetic and optical media	816	0.2	15.1	0.3
Metalworking machinery manufacturing.....	8,085	1.7	143.3	2.8
Motor vehicle body and trailer manufacturing	1,870	0.4	60.3	1.2
Motor vehicle manufacturing	270	0.1	6.2	0.1
Motor vehicle parts manufacturing	4,205	0.9	160.7	3.2
Navigational, measuring, electromedical, and control instruments manufacturing.....	4,291	0.9	103.7	2.1
Other chemical product and preparation manufacturing	2,061	0.4	45.1	0.9
Other electrical equipment and component manufacturing	1,805	0.4	58.1	1.2
Other fabricated metal product manufacturing.....	5,656	1.2	126.9	2.5
Other general purpose machinery manufacturing	5,459	1.1	130.1	2.6
Other transportation equipment manufacturing.....	796	0.2	16.0	0.3
Paint, coating, and adhesive manufacturing	1,458	0.3	31.7	0.6
Pesticide, fertilizer, and other agricultural chemical manufacturing	617	0.1	11.8	0.2
Petroleum and coal products manufacturing	1,005	0.2	23.9	0.5
Pharmaceutical and medicine manufacturing	1,291	0.3	48.0	1.0
Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing.....	607	0.1	23.1	0.5
Semiconductor and other electronic component manufacturing.....	4,175	0.9	136.3	2.7

Appendix table 6-52

(Page 2 of 2)

Firms and employment in U.S. high-technology small businesses, by industry: 2004

Industry	Firms		Employment	
	Number	Share all firms (%)	Employees (thousands)	Share total employment (%)
Other	8,151	1.7	117.6	2.3
Electric power generation, transmission and distribution	1,501	0.3	73.1	1.4
Oil and gas extraction	6,195	1.3	42.1	0.8
Timber tract operations	455	0.1	2.4	0.1

NOTES: Small businesses are firms with <500 employees. Firms include those reporting no employees on their payroll. Firm is an entity that is either in a single location with no subsidiaries or branches or is topmost parent of a group of subsidiaries or branches. High-technology industries defined by Bureau of Labor Statistics on basis of employment intensity of technology-oriented occupations. Other consists of agriculture, mining, and utilities.

SOURCES: Census Bureau, Statistics of U.S. Businesses, <http://www.census.gov/csd/susb/susb.htm>; and Hecker DE. 2006. High-technology employment: A NAICS-based update. *Monthly Labor Review* 128(7):57-72, <http://www.bls.gov/opub/mlr/2005/07/art6full.pdf>, accessed 19 September 2007.

Science and Engineering Indicators 2008