

**Table 786. Civilian Employment of Scientists, Engineers, and Related Occupations by Occupation and Industry: 2006**

[In thousands (263.7 represents 263,700). Based on sample and subject to sampling error. For details, see source]

Occupation	Total employment, all workers <sup>1</sup>	Wage and salary workers						Self-employed <sup>3</sup>
		Mining (NAICS 21) <sup>2</sup>	Construction (NAICS 23)	Manufacturing (NAICS 31-33)	Information (NAICS 51)	Professional, scientific and technical services (NAICS 54)	Government (NAICS 99)	
Computer and information systems managers . . . . .	263.7	0.5	0.7	24.7	31.0	65.3	18.1	3.6
Engineering managers . . . . .	187.1	2.1	5.4	80.9	5.2	55.9	16.5	0.1
Natural science managers . . . . .	40.7	0.3	(NA)	5.5	0.2	14.6	14.3	0.2
Computer and mathematical scientists . . . . .	3,313.2	8.4	7.7	268.3	413.2	1,004.6	240.5	130.9
Computer specialists . . . . .	3,199.6	0.4	7.5	262.4	406.2	978.8	221.5	129.5
Mathematical science occupations . . . . .	113.6	(NA)	0.2	5.9	7.1	25.7	19.0	1.5
Surveyors, cartographers, and photogrammetrists . . . . .	72.2	0.8	4.1	(NA)	(NA)	52.2	9.5	2.6
Engineers <sup>4</sup> . . . . .	1,511.5	21.0	40.3	563.7	41.3	430.6	180.0	45.7
Aerospace engineers . . . . .	89.8	(NA)	(NA)	58.4	(NA)	15.9	9.1	1.3
Civil engineers . . . . .	256.3	0.5	24.3	2.7	1.1	130.9	69.1	12.5
Computer and hardware engineers . . . . .	78.5	(NA)	(NA)	33.8	(NA)	23.3	4.5	2.8
Electrical and electronics engineers . . . . .	291.2	0.2	4.9	103.2	30.6	70.8	29.1	6.3
Industrial engineers <sup>5</sup> . . . . .	226.7	2.3	5.9	149.5	3.0	29.2	5.2	2.1
Mechanical engineers . . . . .	225.8	0.8	2.9	120.6	0.3	63.2	11.9	5.1
Drafters, engineering, and mapping technicians <sup>6</sup> . . . . .	839.8	4.9	25.2	240.4	24.2	309.3	107.6	20.9
Engineering technicians . . . . .	511.0	3.6	4.8	178.0	21.8	126.5	90.7	4.4
Surveying and mapping technicians . . . . .	75.6	0.6	0.9	0.2	0.4	54.2	11.6	3.2
Life, physical, and social science occupations . . . . .	1,406.9	18.3	3.6	151.1	30.0	346.1	302.4	97.4
Life scientists . . . . .	258.5	(NA)	(NA)	31.1	(NA)	60.8	66.9	11.5
Physical scientists . . . . .	266.8	8.7	0.4	42.4	1.9	98.4	73.9	4.7
Social scientists and related occupations . . . . .	530.2	(NA)	2.9	24.2	27.4	100.0	75.4	77.7
Life, physical, and social science technicians . . . . .	351.4	9.2	0.4	53.5	(NA)	86.9	86.2	3.5

NA Not available. <sup>1</sup> Standard Occupational Classification system categorizes workers in 1 of 801 detailed occupations. For a list of occupations, see <[http://bls.gov/oes/current/oes\\_stru.htm](http://bls.gov/oes/current/oes_stru.htm)>. <sup>2</sup> Includes oil and gas extraction. <sup>3</sup> Includes secondary jobs and unpaid private household employment. <sup>4</sup> Includes kinds of engineers not shown separately. <sup>5</sup> Includes health and safety engineers. <sup>6</sup> Includes other drafters, technicians, and mapping technicians.

Source: U.S. Bureau of Labor Statistics, *National Employment Matrix*, February 2008. (Data collected biennially.) For more information, see <<http://www.bls.gov/emp/empols.htm>>.