

Table 793. Civilian Employment of Scientists, Engineers, and Related Occupations by Occupation and Industry: 2006

[In thousands (263.7 represents 263,700). Standard Occupational Classification (SOC) system categorizes workers in 1 of 801 detailed occupations. Industry classifications correspond to 2002 North American Industry Classification System (NAICS) industrial groups. For definition of scientists and engineers, see text this section and Table 784]

Occupation	Total employment, all workers	Wage and salary workers						Self employed ²
		Mining (NAICS 21) ¹	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 ³	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	26.1	6.3
Industrial engineers ⁴	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 ⁵	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. ¹ Includes oil and gas extraction. ² Includes secondary jobs and unpaid private household employment. ³ Includes kinds of engineers not shown separately. ⁴ Includes health and safety engineers. ⁵ 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/nioem/empioan.htm>>.