



TABLE 3-15

Employment characteristics of recent SEH doctorate recipients up to 3 years after receiving doctorate, by field of degree: 2001–15

(Number and percent)

Field of doctorate	Recent doctorates (number)							Unemployment rate (%)						Involuntarily out-of-field (IOF) rate (%)							
	2001	2003	2006	2008	2010	2013	2015	2001	2003	2006	2008	2010	2013	2015	2001	2003	2006	2008	2010	2013	2015
All recent SEH doctorates	48,700	43,700	49,500	52,600	52,700	45,500	49,400	1.3	2.5	1.2	1.5	2.3	2.7	2.7	2.8	2.1	1.4	1.3	1.8	2.3	1.7
Biological, agricultural, and environmental life sciences	12,300	11,200	12,600	13,400	14,100	12,200	12,900	1.4	2.4	0.9	1.7	1.5	3.4	3.2	2.6	1.0	0.3	1.0	1.5	2.6	0.8
Computer and information sciences	1,600	1,400	1,500	2,400	2,500	2,000	2,400	0.3	4.1	1.9	s	s	s	s	s	s	2.6	1.4	s	s	s
Mathematics and statistics	2,200	1,600	2,000	2,400	2,400	2,200	2,600	0.2	3.4	s	s	s	s	s	1.4	3.4	2.2	1.1	s	s	s
Physical sciences	7,700	6,500	7,400	7,500	7,700	6,400	6,900	1.5	1.3	1.1	3.0	2.6	4.8	4.4	5.4	4.2	2.6	2.3	1.4	1.7	3.0
Psychology	7,200	6,300	7,000	5,800	5,400	4,700	5,000	1.5	2.7	1.2	0.8	3.8	s	2.0	3.0	1.5	1.4	0.8	2.0	s	2.1
Social sciences	5,800	6,000	6,200	5,900	6,000	5,400	6,100	1.6	3.1	1.4	2.1	3.4	3.8	1.7	3.3	3.0	2.3	3.4	3.5	5.9	3.4
Engineering	9,400	8,000	9,500	12,000	11,300	9,600	10,300	1.5	3.0	1.8	1.2	2.7	2.1	3.0	2.0	3.0	1.6	0.7	1.9	2.2	2.0
Health	2,400	2,700	3,200	3,300	3,400	3,000	3,200	0.4	0.7	0.9	1.2	s	s	3.1	s	1.1	s	s	s	s	s

s = suppressed for reasons of confidentiality and/or reliability.

SEH = science, engineering, and health.

Note(s)

IOF rate is the proportion of all employed individuals who report working in a job not related to their field of doctorate because a job in that field was not available. Data for 2001 and 2006 include graduates from 12 months to 36 months prior to the survey reference date; data for 2003, 2008, and 2010 include graduates from 15 months to 36 months prior to the survey reference date; data for 2013 and 2015 include graduates from 19 months to 36 months prior to the survey reference date. Detail may not add to total because of rounding.

Source(s)



National Science Foundation, National Center for Science and Engineering Statistics, Survey of Doctorate Recipients (SDR) (2001–15), <https://www.nsf.gov/statistics/srvydoctoratework/>.

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