

TABLE 8-2. Definite postgraduation plans of U.S. citizen and permanent resident S&E doctorate recipients, by major field, sex, and planned location: 2014

(Percent distribution)

Major field and sex	All definite plans (number)	All definite plans	Plans to stay in the United States				Plans to go abroad	Location unknown	
			All U.S. plans	Academic employment	Industry employment	Postdoctoral study			Other ^a
All doctorate recipients ^b									
S&E	13,761	100.0	95.0	18.7	17.4	41.6	17.2	4.9	0.1
Science	11,372	100.0	94.7	20.3	13.0	45.1	16.4	5.1	0.1
Agricultural sciences	403	100.0	95.3	20.6	15.6	34.7	24.3	4.5	0.2
Biological sciences	3,363	100.0	95.4	9.0	8.7	66.8	10.9	4.4	0.1
Computer sciences	582	100.0	94.2	21.1	40.5	15.5	17.0	5.3	0.5
Earth, atmospheric, and ocean sciences	430	100.0	94.4	12.8	14.4	50.5	16.7	5.6	0.0
Mathematics and statistics	624	100.0	92.5	30.3	14.3	34.9	13.0	7.4	0.2
Physical sciences	1,598	100.0	92.7	10.1	22.7	49.9	10.0	7.2	0.1
Psychology	2,098	100.0	97.7	18.4	9.4	49.4	20.4	2.2	*
Social sciences	2,274	100.0	93.1	44.5	7.4	16.8	24.5	6.8	0.1
Engineering	2,389	100.0	96.0	10.9	38.8	25.2	21.1	3.9	0.1
Female									
S&E	6,216	100.0	95.8	21.2	11.5	45.5	17.6	4.0	0.2
Science	5,662	100.0	95.9	22.0	9.6	46.9	17.4	3.9	0.2
Agricultural sciences	199	100.0	96.0	25.1	14.6	31.2	25.1	4.0	0.0
Biological sciences	1,789	100.0	95.8	9.8	7.6	67.5	10.8	4.0	0.2
Computer sciences	114	100.0	92.1	28.9	28.1	15.8	19.3	7.0	0.9
Earth, atmospheric, and ocean sciences	199	100.0	92.5	13.1	10.6	50.3	18.6	7.5	0.0
Mathematics and statistics	186	100.0	95.2	42.5	10.8	31.7	10.2	4.3	0.5
Physical sciences	466	100.0	95.7	13.3	20.2	49.6	12.7	4.3	0.0
Psychology	1,493	100.0	98.3	18.4	8.8	50.6	20.5	1.6	0.1
Social sciences	1,216	100.0	94.4	44.8	6.7	18.3	24.6	5.4	0.2
Engineering	554	100.0	94.9	13.4	30.7	31.6	19.3	4.9	0.2
Male									
S&E	7,545	100.0	94.2	16.6	22.3	38.4	16.9	5.7	0.1
Science	5,710	100.0	93.6	18.7	16.3	43.3	15.3	6.4	0.1
Agricultural sciences	204	100.0	94.6	16.2	16.7	38.2	23.5	4.9	0.5
Biological sciences	1,574	100.0	95.0	8.0	10.0	65.9	11.1	4.9	0.1
Computer sciences	468	100.0	94.7	19.2	43.6	15.4	16.5	4.9	0.4
Earth, atmospheric, and ocean sciences	231	100.0	96.1	12.6	17.7	50.6	15.2	3.9	0.0
Mathematics and statistics	438	100.0	91.3	25.1	15.8	36.3	14.2	8.7	0.0
Physical sciences	1,132	100.0	91.5	8.8	23.8	50.0	8.9	8.4	0.1

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Psychology	605	100.0	96.2	18.5	10.9	46.6	20.2	3.8	0.0
Social sciences	1,058	100.0	91.7	44.0	8.2	15.1	24.3	8.3	0.0
Engineering	1,835	100.0	96.3	10.2	41.3	23.3	21.6	3.6	0.1

* = value < 0.05%.

S&E = science and engineering.

^a Includes elementary and secondary schools, government, nonprofit organizations, other, and unknown.

^b Total may include doctorate recipients who did not report sex; as a result, detail may not sum to total.

NOTES: Data in this table refer to research doctorates only and differ from doctoral degree data in this report that are based on the Integrated Postsecondary Education Data System Completions Survey. The greatest differences are in psychology, education, and medical or other health sciences. American Indian or Alaska Native doctorate recipients with unknown or refused citizenship status are counted as U.S. citizens and thus are included. Definite postgraduate plans are defined as *Returning to, or continuing in, predoctoral employment* or *Have signed contract or made definite commitment for a "postdoc" or other work* by doctoral degree recipients who responded to the question, *What is the status of your postgraduate plans (in the next year)?*

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2014.