

TABLE 13. Definite postgraduation plans of doctorate recipients, by citizenship status and major field: 200-

Citizenship and field	All recipients	Recipients with definite plans	Location of definite plans						
			United States				Abroad	Unknown	
			Total	Postdoctoral study	Academic employment	Industry employment			Other ^a
All recipients	42,155	26,280	23,497	8,210	8,247	2,772	4,268	2,742	41
Science and engineering	26,275	16,467	14,573	7,405	3,092	2,305	1,771	1,862	32
Science	20,499	13,141	11,735	6,330	2,715	1,256	1,434	1,388	18
Agricultural sciences	1,046	607	494	232	92	83	87	113	0
Biological sciences	5,937	3,904	3,661	2,962	265	168	266	238	5
Computer sciences	949	600	511	112	205	153	41	88	1
Earth, atmospheric, and ocean sciences	672	440	381	220	66	47	48	59	0
Mathematics	1,075	749	630	269	253	65	43	119	0
Physical sciences	3,353	2,183	1,982	1,316	152	378	136	195	6
Astronomy	165	135	119	95	11	7	6	16	0
Chemistry	1,987	1,291	1,207	763	88	276	80	80	4
Physics	1,186	746	647	453	52	95	47	97	2
Other physical sciences	15	11	9	5	1	0	3	2	0
Psychology	3,336	2,010	1,936	875	476	188	397	72	2
Social sciences	4,131	2,648	2,140	344	1,206	174	416	504	4
Engineering	5,776	3,326	2,838	1,075	377	1,049	337	474	14
Aeronautical/astronautical engineering	201	118	98	46	6	27	19	20	0
Chemical engineering	723	453	390	171	12	178	29	61	2
Civil engineering	675	367	302	109	56	91	46	60	5
Electrical engineering	1,649	934	796	200	134	382	80	134	4
Industrial engineering	217	116	88	18	33	22	15	28	0
Materials/metallurgical engineering	509	299	258	140	9	85	24	41	0
Mechanical engineering	853	479	411	176	51	137	47	66	2
Other engineering	949	560	495	215	76	127	77	64	1
Non-science and engineering	15,880	9,813	8,924	805	5,155	467	2,497	880	9
U.S. citizens	26,431	18,153	17,562	5,222	6,745	1,705	3,890	572	19
Science and engineering	14,722	10,125	9,716	4,597	2,298	1,323	1,498	397	12
Science	12,781	8,815	8,453	4,241	2,091	879	1,242	352	10
Agricultural sciences	527	344	333	118	75	66	74	11	0
Biological sciences	3,955	2,763	2,667	2,076	227	124	240	94	2
Computer sciences	398	277	263	53	104	78	28	14	0
Earth, atmospheric, and ocean sciences	405	284	270	143	55	29	43	14	0
Mathematics	455	334	305	120	120	34	31	29	0
Physical sciences	1,748	1,222	1,166	678	124	260	104	52	4
Astronomy	113	94	86	65	10	6	5	8	0
Chemistry	1,110	781	750	414	76	203	57	29	2
Physics	515	339	323	196	37	51	39	14	2
Other physical sciences	10	8	7	3	1	0	3	1	0
Psychology	2,725	1,849	1,817	811	440	182	384	31	1
Social sciences	2,568	1,742	1,632	242	946	106	338	107	3
Engineering	1,941	1,310	1,263	356	207	444	256	45	2
Aeronautical/astronautical engineering	71	53	52	14	4	18	16	1	0
Chemical engineering	290	213	197	73	8	94	22	16	0
Civil engineering	190	131	124	23	35	31	35	5	2
Electrical engineering	419	281	275	50	55	116	54	6	0
Industrial engineering	63	38	38	2	19	5	12	0	0
Materials/metallurgical engineering	192	121	114	45	6	50	13	7	0
Mechanical engineering	271	172	169	44	26	63	36	3	0
Other engineering	445	301	294	105	54	67	68	7	0
Non-science and engineering	11,709	8,028	7,846	625	4,447	382	2,392	175	7
Non-U.S. citizen with permanent visa	1,528	908	850	301	307	155	87	55	3
Science and engineering	999	609	572	267	127	137	41	35	2
Science	758	470	438	233	106	65	34	31	1
Agricultural sciences	36	20	18	12	3	1	2	2	0
Biological sciences	232	153	147	123	8	8	8	5	1
Computer sciences	50	31	31	7	12	9	3	0	0
Earth, atmospheric, and ocean sciences	21	13	12	7	0	4	1	1	0

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			Total	Postdoctoral study	Academic employment	Industry employment			Other ^a
Mathematics	55	29	28	14	10	3	1	1	0
Physical sciences	118	70	63	36	5	19	3	7	0
Astronomy	2	1	1	0	1	0	0	0	0
Chemistry	70	42	39	20	2	14	3	3	0
Physics	44	26	22	15	2	5	0	4	0
Other physical sciences	2	1	1	1	0	0	0	0	0
Psychology	64	43	41	18	13	4	6	2	0
Social sciences	182	111	98	16	55	17	10	13	0
Engineering	241	139	134	34	21	72	7	4	1
Aeronautical/astronautical engineering	6	3	3	1	0	2	0	0	0
Chemical engineering	22	13	12	1	0	11	0	1	0
Civil engineering	34	20	19	5	8	5	1	0	1
Electrical engineering	79	47	46	9	4	31	2	1	0
Industrial engineering	14	9	9	2	2	5	0	0	0
Materials/metallurgical engineering	18	9	7	4	0	1	2	2	0
Mechanical engineering	28	16	16	5	4	5	2	0	0
Other engineering	40	22	22	7	3	12	0	0	0
Non-science and engineering	529	299	278	34	180	18	46	20	1
Non-U.S. citizen with temporary visa	11,585	7,174	5,047	2,674	1,184	906	283	2,113	14
Science and engineering	9,122	5,700	4,258	2,529	660	841	228	1,428	14
Science	5,820	3,834	2,826	1,849	511	311	155	1,003	5
Agricultural sciences	413	243	143	102	14	16	11	100	0
Biological sciences	1,462	984	844	761	30	36	17	139	1
Computer sciences	459	292	217	52	89	66	10	74	1
Earth, atmospheric, and ocean sciences	221	140	96	69	10	14	3	44	0
Mathematics	526	386	297	135	123	28	11	89	0
Physical sciences	1,347	887	750	600	23	98	29	135	2
Astronomy	47	40	32	30	0	1	1	8	0
Chemistry	720	467	417	328	10	59	20	48	2
Physics	577	378	300	241	13	38	8	78	0
Other physical sciences	3	2	1	1	0	0	0	1	0
Psychology	188	114	74	45	20	2	7	39	1
Social sciences	1,204	788	405	85	202	51	67	383	0
Engineering	3,302	1,866	1,432	680	149	530	73	425	9
Aeronautical/astronautical engineering	116	62	43	31	2	7	3	19	0
Chemical engineering	365	226	181	97	4	73	7	44	1
Civil engineering	421	214	157	79	13	55	10	55	2
Electrical engineering	1,054	602	472	140	75	233	24	127	3
Industrial engineering	134	68	40	14	12	12	2	28	0
Materials/metallurgical engineering	279	168	136	90	3	34	9	32	0
Mechanical engineering	524	289	224	126	21	68	9	63	2
Other engineering	409	237	179	103	19	48	9	57	1
Non-science and engineering	2,463	1,474	789	145	524	65	55	685	0

^a Includes government, nonprofit, elementary/secondary school, other and unknown employer and unknown plans.

NOTES: Persons of unknown citizenship are included in total but are not shown separately. Categories are grouped differently from questionnaire and summary reports in that linguistics, history of science, American studies, and archaeology are included in social science and not in humanities, and public administration is included in social science and not in professional fields. Non-science and engineering includes those whose field of specialization is unknown.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates, 2004.