

TABLE 3-C 
Region and state of doctoral institution and employment of doctorate recipients in S&E fields with postgraduation plans for non-postdoc employment in the United States in the business or industry sector: 2001–15 combined

(Number)

Region and state	PhDs trained in state or region	New PhDs working in state or region	Number of new PhDs produced that stay in state or region	Percent of new PhDs produced that stay in state or region
New England	4,566	4,762	2,212	48.4
Connecticut	669	859	171	25.6
Maine	40	57	16	40.0
Massachusetts	3,379	3,401	1,556	46.0
New Hampshire	159	195	32	20.1
Rhode Island	279	126	56	20.1
Vermont	40	124	19	47.5
Middle Atlantic	9,106	9,601	4,700	51.6
New Jersey	1,561	2,700	690	44.2
New York	4,273	4,741	1,744	40.8
Pennsylvania	3,272	2,160	879	26.9
East North Central	10,212	6,249	3,867	37.9
Illinois	3,291	2,149	929	28.2
Indiana	1,641	780	225	13.7
Michigan	2,100	1,502	701	33.4
Ohio	1,913	1,165	613	32.0
Wisconsin	1,267	653	290	22.9
West North Central	3,756	2,403	1,342	35.7
Iowa	761	274	142	18.7
Kansas	451	253	128	28.4
Minnesota	1,311	1,124	467	35.6
Missouri	820	527	236	28.8
Nebraska	242	134	77	31.8



Region and state	PhDs trained in state or region	New PhDs working in state or region	Number of new PhDs produced that stay in state or region	Percent of new PhDs produced that stay in state or region
North Dakota	109	55	32	29.4
South Dakota	62	36	18	29.0
South Atlantic	9,325	6,946	4,149	44.5
Delaware	395	320	61	15.4
District of Columbia	369	521	61	16.5
Florida	1,717	1,062	647	37.7
Georgia	1,772	806	427	24.1
Maryland	1,258	1,175	402	32.0
North Carolina	1,699	1,236	627	36.9
South Carolina	445	317	125	28.1
Virginia	1,505	1,415	526	35.0
West Virginia	165	94	39	23.6
East South Central	1,652	951	525	31.8
Alabama	483	292	143	29.6
Kentucky	340	179	91	26.8
Mississippi	233	87	45	19.3
Tennessee	596	393	178	29.9
West South Central	5,110	5,514	2,910	56.9
Arkansas	144	128	65	45.1
Louisiana	414	250	110	26.6
Oklahoma	379	261	108	28.5
Texas	4,173	4,875	2,348	56.3
Mountain	2,979	2,816	1,438	48.3
Arizona	961	1,010	360	37.5
Colorado	918	891	473	51.5
Idaho	99	205	44	44.4



Region and state	PhDs trained in state or region	New PhDs working in state or region	Number of new PhDs produced that stay in state or region	Percent of new PhDs produced that stay in state or region
Montana	59	36	20	33.9
Nevada	139	114	68	48.9
New Mexico	189	213	74	39.2
Utah	549	310	206	37.5
Wyoming	65	37	20	30.8
Pacific and Insular	10,119	17,332	7,805	77.1
Alaska	18	39	7	38.9
California	8,690	13,150	6,180	71.1
Hawaii	71	86	42	59.2
Oregon	416	2,088	207	49.8
Washington	847	1,878	401	47.3
Puerto Rico and outlying territories	77	91	66	85.7

Note(s)

Numbers and percentages are based on doctorate recipients reporting definite commitments for non-postdoc employment in the year after doctoral degree award, with response to location of employment. S&E fields include life sciences, physical and earth sciences, mathematics and computer sciences, psychology and social sciences, and engineering. Business or industry sector includes self-employment and excludes not-for-profit organizations.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2017), Survey of Earned Doctorates (SED) (2015).

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