

**National Science Foundation, Division of Science Resources Studies. 2006.  
Baccalaureate Origins of S&E Doctorate Recipients. NSF 08-311. Arlington, VA.**

TABLE 2. Top 50 baccalaureate-origin institutions of 1997–2006 S&E doctorate recipients, by S&E doctorate recipients per hundred bachelor's degrees awarded in all fields 9 years earlier, institutional control, and 2005 Carnegie classification

Rank	Academic institution	Institutional control	2005 Carnegie classification	1997–2006 S&E doctorate recipients	1997–2006 S&E doctorate recipients per hundred bachelor's awarded 9 years earlier
1	California Institute of Technology	Private	Research-very high	713	35.2
2	Harvey Mudd College	Private	Baccalaureate	329	24.9
3	Massachusetts Institute of Technoloç	Private	Research-very high	1,867	16.6
4	Reed College	Private	Baccalaureate	353	13.8
5	Swarthmore College	Private	Baccalaureate	482	12.9
6	Carleton College	Private	Baccalaureate	525	11.7
7	University of Chicago	Private	Research-very high	873	10.8
8	Grinnell College	Private	Baccalaureate	338	10.5
9	Rice University	Private	Research-very high	664	10.5
10	Princeton University	Private	Research-very high	1,135	10.3
11	Harvard University	Private	Research-very high	1,775	9.9
12	Bryn Mawr College	Private	Baccalaureate	276	9.7
13	Haverford College	Private	Baccalaureate	264	9.5
14	Pomona College	Private	Baccalaureate	323	9.1
15	New Mexico Institute of Mining and T	Public	Master's granting	118	8.7
16	Williams College	Private	Baccalaureate	428	8.4
17	Yale University	Private	Research-very high	1,087	8.4
18	Oberlin College	Private	Baccalaureate	577	8.2
19	Stanford University	Private	Research-very high	1,351	8.1
20	Johns Hopkins University	Private	Research-very high	691	7.7
21	Kalamazoo College	Private	Baccalaureate	195	7.7
22	Cornell University, all campuses	Public/private	Research-very high	2,536	7.6
23	Case Western Reserve University	Private	Research-very high	491	7.5
24	Washington College	Private	Baccalaureate	27	7.5
25	Brown University	Private	Research-very high	1,076	7.4
26	Wesleyan University	Private	Baccalaureate	497	7.1
27	Carnegie Mellon University	Private	Research-very high	660	7.1
28	Macalester College	Private	Baccalaureate	268	6.9
29	Amherst College	Private	Baccalaureate	285	6.8
30	Duke University	Private	Research-very high	1,050	6.8
31	Beloit College	Private	Baccalaureate	146	6.5
32	Bowdoin College	Private	Baccalaureate	243	6.5
33	Wellesley College	Private	Baccalaureate	381	6.5
34	Rensselaer Polytechnic Institute	Private	Research-very high	632	6.4
35	Earlham College	Private	Baccalaureate	147	6.2
36	Franklin and Marshall College	Private	Baccalaureate	262	6.0
37	Lawrence University	Private	Baccalaureate	153	6.0
38	University of Rochester	Private	Research-very high	671	5.7
39	University of California-Berkeley	Public	Research-very high	3,199	5.7
40	Dartmouth College	Private	Research-very high	609	5.7
41	Occidental College	Private	Baccalaureate	218	5.7
42	Hendrix College	Private	Baccalaureate	115	5.6
43	Vassar College	Private	Baccalaureate	319	5.6
44	Trinity University	Private	Master's granting	274	5.6
45	College of William and Mary	Public	Research-high	698	5.6
46	St John's College (Annapolis, MD)	Private	Baccalaureate	48	5.5
47	Bates College	Private	Baccalaureate	227	5.5
48	Whitman College	Private	Baccalaureate	154	5.4
49	Brandeis University	Private	Research-very high	374	5.4
50	Hampshire College	Private	Baccalaureate	123	5.3

NOTE: Institutions are ranked on unrounded ratios.

<b>64</b>	<b>Smith College</b>	<b>Private</b>	<b>Baccalaureate</b>	<b>349</b>	<b>4.9</b>
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SOURCES: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 1997–2006 and special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1988–1997.

**Unweighted Rankings of Baccalaureate Institutions**  
**Baccalaureate Origins of All Doctorates 1997-2006 ( Women Only)**

Rank	Institution Name	Baccalaureate Origins (1997-2006)	Bachelor's Degree Awarded (1987-1996)
<b>1</b>	<b>Smith College</b>	<b>615</b>	<b>7,124</b>
2	Wellesley College	602	5,866
3	Oberlin College	561	3,844
4	Wesleyan University	477	3,443
5	Barnard College	442	5,414
6	Bryn Mawr College	438	2,821
7	Mount Holyoke College	417	4,996
8	Carleton College	361	2,241
9	Swarthmore College	354	1,762
10	Vassar College	353	3,387
11	Spelman College	298	3,645
12	Williams College	296	2,311
13	St. Olaf College	289	3,773
14	Pomona College	283	1,789
15	Amherst College	250	1,839
16	Grinnell College	239	1,634
17	Reed College	202	1,133
17	Macalester College	202	2,054
19	Bucknell University	195	3,821
20	Colgate University	186	3,147
21	Furman University	177	3,079
22	Connecticut College	176	2,777
23	Middlebury College	173	2,706
24	Franklin and Marshall College	168	2,091
25	Occidental College	167	2,039
26	College of Wooster	166	1,973
27	Bates College	158	2,114
27	University of Richmond	158	3,570
29	Kalamazoo College	151	1,337
30	College of the Holy Cross	148	3,350
31	Haverford College	145	1,269
31	Allegheny College	145	2,108
33	Davidson College	139	1,613
34	Bowdoin College	138	1,699
35	Trinity College	135	2,328
35	Wheaton College (IL)	135	2,920
35	Skidmore College	135	3,287
38	Colorado College	134	2,514
38	Mary Washington College	134	5,123
40	Calvin College	133	4,260
41	University of Puget Sound	131	3,827
42	Ohio Wesleyan University	130	1,950
43	Luther College	129	2,839
43	Gustavus Adolphus College	129	3,479
45	Hamilton College	125	1,998
46	Drew University	124	1,976
46	Colby College	124	2,368
48	Kenyon College	121	1,941
49	DePauw University	118	2,804
50	Lawrence University	116	1,290

SOURCE: Higher Education Data Sharing (HEDS) Consortium. HEDS Weighted Baccalaureate Origins Study, 2010.

Unweighted Rank: Ranking of an institution's origin count within the universe of study.

The universe of study is narrowed to "women only" and for "baccalaureate institutions" only

Schools with fewer than 20 Baccalaureate Origins were filtered from the ranking

**Unweighted Institutional Rankings of Baccalaureate Institutions  
Baccalaureate Origins of Life Science Doctorates 1997-2006 (Women Only)**

Rank	Institution Name	Baccalaureate Origins (1997-2006)	Bachelor's Degree Awarded (1987-1996)
1	Wellesley College	130	5,866
2	Mount Holyoke College	124	4,996
3	Oberlin College	107	3,844
4	<b>Smith College</b>	<b>96</b>	<b>7,124</b>
5	Swarthmore College	89	1,762
6	Wesleyan University	77	3,443
7	Carleton College	76	2,241
8	Barnard College	72	5,414
9	Bryn Mawr College	69	2,821
10	St. Olaf College	67	3,773
11	Williams College	60	2,311
12	Grinnell College	55	1,634
13	Reed College	54	1,133
13	Pomona College	54	1,789
15	Macalester College	53	2,054
16	Allegheny College	49	2,108
16	Bucknell University	49	3,821
18	Vassar College	47	3,387
19	Amherst College	45	1,839
20	Haverford College	43	1,269
20	Kalamazoo College	43	1,337
20	Middlebury College	43	2,706
23	Bates College	42	2,114
24	Connecticut College	41	2,777
25	Occidental College	40	2,039
25	Colgate University	40	3,147
25	Spelman College	40	3,645
28	Bowdoin College	37	1,699
29	College of Wooster	36	1,973
30	Franklin and Marshall College	35	2,091
30	Furman University	35	3,079
30	Gustavus Adolphus College	35	3,479
33	Ohio Wesleyan University	34	1,950
33	DePauw University	34	2,804
35	Davidson College	33	1,613
35	University of Richmond	33	3,570
37	Earlham College	32	1,315
37	Trinity College	32	2,328
39	Lawrence University	31	1,290
39	Colorado College	31	2,514
41	Eckerd College	29	2,209
41	Luther College	29	2,839
41	Hope College	29	3,006
41	College of the Holy Cross	29	3,350
41	Evergreen State College	29	4,876
41	Mary Washington College	29	5,123
47	Hampshire College	28	1,313
47	Augustana College (IL)	28	2,631
49	Wittenberg University	27	2,806
49	University of Puget Sound	27	3,827

SOURCE: Higher Education Data Sharing (HEDS) Consortium. HEDS Weighted Baccalaureate Origins Study, 2010.

Unweighted Rank: Ranking of an institution's origin count within the universe of study.

The universe of study was narrowed to "women only" and for "baccalaureate institutions" only

Schools with fewer than 3 Baccalaureate Origins were filtered from the ranking

**Unweighted Institutional Rankings of Baccalaureate Institutions  
Baccalaureate Origins of Psychology Doctorates 1997-2006 (Women Only)**

Rank	Institution Name	Baccalaureate Origins (1997-2006)	Bachelor's Degree Awarded (1987-1996)
1	Wellesley College	101	5,866
2	Barnard College	100	5,414
<b>3</b>	<b>Smith College</b>	<b>97</b>	<b>7,124</b>
4	Wesleyan University	89	3,443
5	Vassar College	73	3,387
6	Spelman College	69	3,645
7	Williams College	59	2,311
8	Oberlin College	57	3,844
9	Bryn Mawr College	54	2,821
10	Swarthmore College	46	1,762
10	Carleton College	46	2,241
12	Pomona College	45	1,789
13	Connecticut College	44	2,777
14	Mount Holyoke College	43	4,996
15	Grinnell College	42	1,634
16	Colgate University	40	3,147
16	University of Richmond	40	3,570
18	Amherst College	38	1,839
19	Bucknell University	37	3,821
20	Union College (NY)	35	2,150
21	Franklin and Marshall College	34	2,091
22	Davidson College	31	1,613
22	Hamilton College	31	1,998
22	Skidmore College	31	3,287
25	Kenyon College	30	1,941
25	St. Olaf College	30	3,773
27	Furman University	29	3,079
28	Drew University	28	1,976
28	Occidental College	28	2,039
28	Bates College	28	2,114
28	Trinity College	28	2,328
32	Haverford College	27	1,269
32	Antioch College	27	2,526
34	Hope College	26	3,006
35	Kalamazoo College	25	1,337
35	Southwestern University	25	1,414
37	Middlebury College	24	2,706
37	Wheaton College (IL)	24	2,920
39	Reed College	23	1,133
39	Sarah Lawrence College	23	1,712
39	Allegheny College	23	2,108
39	Lafayette College	23	2,185
39	Carroll College	23	2,384
39	Calvin College	23	4,260
45	College of Wooster	21	1,973
45	Concordia College at Moorhead	21	3,585
47	Macalester College	20	2,054
47	Muhlenberg College	20	2,139
47	University of Puget Sound	20	3,827
47	Mary Washington College	20	5,123

SOURCE: Higher Education Data Sharing (HEDS) Consortium. HEDS Weighted Baccalaureate Origins Study, 2010.

Unweighted Rank: Ranking of an institution's origin count within the universe of study.

The universe of study was narrowed to "women only" and for "baccalaureate institutions" only

Schools with fewer than 3 Baccalaureate Origins were filtered from the ranking

**Weighted Rankings of Baccalaureate Institutions**  
**Baccalaureate Origins of All Doctorates 1997-2006 (Women Only)**

Rank	Institution Name	Baccalaureate Origins (1997-2006)	Bachelor's Degree Awarded (1987-1996)	Baccalaureate Origins per 100 Bachelor's Awarded 10 years earlier
1	Harvey Mudd College	78	266	29.32
2	Swarthmore College	354	1,762	20.09
3	Reed College	202	1,133	17.83
4	Carleton College	361	2,241	16.11
5	Pomona College	283	1,789	15.82
6	Bryn Mawr College	438	2,821	15.53
7	Grinnell College	239	1,634	14.63
8	Oberlin College	561	3,844	14.59
9	Wesleyan University	477	3,443	13.85
10	Amherst College	250	1,839	13.59
11	Williams College	296	2,311	12.81
12	St. John's College (MD)	45	370	12.16
13	Haverford College	145	1,269	11.43
14	Kalamazoo College	151	1,337	11.29
15	Vassar College	353	3,387	10.42
16	Wellesley College	602	5,866	10.26
17	Macalester College	202	2,054	9.83
18	Hendrix College	99	1,065	9.30
19	Lawrence University	116	1,290	8.99
20	Beloit College	106	1,204	8.80
21	Earlham College	114	1,315	8.67
<b>22</b>	<b>Smith College</b>	<b>615</b>	<b>7,124</b>	<b>8.63</b>
23	Knox College	94	1,089	8.63
24	Davidson College	139	1,613	8.62
25	Hampshire College	111	1,313	8.45
26	College of Wooster	166	1,973	8.41
27	Mount Holyoke College	417	4,996	8.35
28	Occidental College	167	2,039	8.19
29	Spelman College	298	3,645	8.18
30	Barnard College	442	5,414	8.16
31	Bowdoin College	138	1,699	8.12
32	Franklin and Marshall College	168	2,091	8.03
33	Fisk University	71	891	7.97
34	Bard College	88	1,118	7.87
35	Agnes Scott College	85	1,097	7.75
36	St. Olaf College	289	3,773	7.66
37	Bates College	158	2,114	7.47
38	Tougaloo College	57	787	7.24
39	St. John's College (NM)	22	311	7.07
40	Southwestern University	100	1,414	7.07
41	Allegheny College	145	2,108	6.88
42	Bennington College	45	668	6.74
43	Ohio Wesleyan University	130	1,950	6.67
44	Whitman College	96	1,452	6.61
45	Centre College	61	943	6.47
46	Middlebury College	173	2,706	6.39
47	Wells College	57	895	6.37
48	Connecticut College	176	2,777	6.34
49	Drew University	124	1,976	6.28
50	Hamilton College	125	1,998	6.26

SOURCE: Higher Education Data Sharing (HEDS) Consortium. HEDS Weighted Baccalaureate Origins Study, 2010.  
 Rankings were calculated by dividing Ten Year Sums of Origins by Bachelor's Degrees Awarded in all disciplines ten years previous.  
 The universe of study was narrowed to "women only" and for "baccalaureate institutions" only  
 Schools with fewer than 20 Baccalaureate Origins were filtered from the ranking

**Weighted Institutional Rankings of Baccalaureate Institutions  
Baccalaureate Origins of Life Science Doctorates 1997-2006 (Women Only)**

Rank	Institution Name	Baccalaureate Origins (1997-2006)	Bachelor's Degree Awarded (1987-1996)	Baccalaureate Origins per 100 Bachelor's awarded 10 years earlier
1	Harvey Mudd College	24	266	9.023
2	Swarthmore College	89	1,762	5.051
3	Reed College	54	1,133	4.766
4	Carleton College	76	2,241	3.391
5	Haverford College	43	1,269	3.388
6	Grinnell College	55	1,634	3.366
7	Kalamazoo College	43	1,337	3.216
8	Pomona College	54	1,789	3.018
9	Oberlin College	107	3,844	2.784
10	Williams College	60	2,311	2.596
11	Macalester College	53	2,054	2.580
12	Mount Holyoke College	124	4,996	2.482
13	Amherst College	45	1,839	2.447
14	Bryn Mawr College	69	2,821	2.446
15	Earlham College	32	1,315	2.433
16	Texas A & M University Galveston	13	536	2.425
17	Lawrence University	31	1,290	2.403
18	Centre College	22	943	2.333
19	Allegheny College	49	2,108	2.324
20	St. John's College (NM)	7	311	2.251
21	Wesleyan University	77	3,443	2.236
22	Wellesley College	130	5,866	2.216
23	Bowdoin College	37	1,699	2.178
24	Hampshire College	28	1,313	2.133
25	Davidson College	33	1,613	2.046
26	Juniata College	26	1,275	2.039
27	Bates College	42	2,114	1.987
28	Occidental College	40	2,039	1.962
29	Hendrix College	20	1,065	1.878
30	Knox College	20	1,089	1.837
31	College of Wooster	36	1,973	1.825
32	St. Olaf College	67	3,773	1.776
33	Ohio Wesleyan University	34	1,950	1.744
34	Fisk University	15	891	1.684
35	Franklin and Marshall College	35	2,091	1.674
36	Tougaloo College	13	787	1.652
37	St. John's College (MD)	6	370	1.622
38	Middlebury College	43	2,706	1.589
39	Long Island University Southampton College	19	1,207	1.574
40	Washington and Lee University	16	1,073	1.491
41	Goucher College	22	1,483	1.483
42	Connecticut College	41	2,777	1.476
43	Wells College	13	895	1.453
44	Oakwood College	13	907	1.433
45	Vassar College	47	3,387	1.388
46	Trinity College	32	2,328	1.375
47	Albertson College of Idaho	8	587	1.363
<b>48</b>	<b>Smith College</b>	<b>96</b>	<b>7,124</b>	<b>1.348</b>
49	Barnard College	72	5,414	1.330
50	Eckerd College	29	2,209	1.313

SOURCE: Higher Education Data Sharing (HEDS) Consortium. HEDS Weighted Baccalaureate Origins Study, 2010.

Rankings were calculated by dividing Ten Year Sums of Origins by Bachelor's Degrees Awarded in all disciplines ten years previous.

The universe of study was narrowed to "women only" and for "baccalaureate institutions" only

Schools with fewer than 3 Baccalaureate Origins were filtered from the ranking

**Weighted Institutional Rankings of Baccalaureate Institutions**  
**Baccalaureate Origins of Psychology Doctorates 1997-2006 (Women Only)**

Rank	Institution Name	Baccalaureate Origins (1997-2006)	Bachelor's Degree Awarded (1987-1996)	Baccalaureate Origins per 100 Bachelor's Awarded 10 years earlier
1	Swarthmore College	46	1,762	2.611
2	Wesleyan University	89	3,443	2.585
3	Grinnell College	42	1,634	2.570
4	Williams College	59	2,311	2.553
5	Pomona College	45	1,789	2.515
6	Vassar College	73	3,387	2.155
7	Haverford College	27	1,269	2.128
8	Amherst College	38	1,839	2.066
9	Carleton College	46	2,241	2.053
10	Reed College	23	1,133	2.030
11	Davidson College	31	1,613	1.922
12	Bryn Mawr College	54	2,821	1.914
13	Spelman College	69	3,645	1.893
14	Kalamazoo College	25	1,337	1.870
15	Barnard College	100	5,414	1.847
16	Claremont McKenna College	15	820	1.829
17	Southwestern University	25	1,414	1.768
18	Wellesley College	101	5,866	1.722
19	Union College (NY)	35	2,150	1.628
20	Franklin and Marshall College	34	2,091	1.626
21	Connecticut College	44	2,777	1.584
22	Hamilton College	31	1,998	1.552
23	Kenyon College	30	1,941	1.546
24	Bard College	17	1,118	1.521
25	Oberlin College	57	3,844	1.483
26	Drew University	28	1,976	1.417
27	Occidental College	28	2,039	1.373
<b>28</b>	<b>Smith College</b>	<b>97</b>	<b>7,124</b>	<b>1.362</b>
29	Sarah Lawrence College	23	1,712	1.343
30	Bates College	28	2,114	1.325
31	Colgate University	40	3,147	1.271
32	Westminster College	5	397	1.259
33	Trinity College	28	2,328	1.203
34	Earlham College	15	1,315	1.141
35	University of Richmond	40	3,570	1.120
36	Wells College	10	895	1.117
37	Rhodes College	17	1,557	1.092
38	Allegheny College	23	2,108	1.091
39	Scripps College	15	1,389	1.080
40	Antioch College	27	2,526	1.069
41	College of Wooster	21	1,973	1.064
42	Nebraska Wesleyan University	17	1,610	1.056
43	Lafayette College	23	2,185	1.053
44	Bowdoin College	17	1,699	1.001
45	Beloit College	12	1,204	0.997
46	Hanover College	12	1,206	0.995
47	University of Dallas	11	1,126	0.977
48	Ohio Wesleyan University	19	1,950	0.974
49	Macalester College	20	2,054	0.974
50	Bucknell University	37	3,821	0.968

SOURCE: Higher Education Data Sharing (HEDS) Consortium. HEDS Weighted Baccalaureate Origins Study, 2010.  
 Rankings were calculated by dividing Ten Year Sums of Origins by Bachelor's Degrees Awarded in all disciplines ten years previous.  
 The universe of study was narrowed to "women only" and for "baccalaureate institutions" only  
 Schools with fewer than 3 Baccalaureate Origins were filtered from the ranking