

Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area

Education

Institution Name	Rate	Rank
VanderCook College of Music	2.16%	1
Tougaloo College	1.91%	2
Spelman College	1.75%	3
Fisk University	1.48%	4
Earlham College	1.19%	5
Jackson State University	1.16%	6
Alcorn State University	1.16%	7
Bryn Mawr College	1.13%	8
Oakwood University	1.13%	9
Alabama State University	1.06%	10
St. John's College	1.05%	11
Swarthmore College	1.05%	12
Southern University and A & M College	1.05%	13
Andrews University	1.04%	14
Auburn University at Montgomery	1.00%	15
Macalester College	0.99%	16
Carleton College	0.99%	17
Le Moyne-Owen College	0.97%	18
Conservatory of Music of Puerto Rico	0.97%	19
Mills College	0.95%	20
Virginia Union University	0.94%	21
Hampton University	0.94%	22
Berea College	0.93%	23
Rust College	0.92%	24
Asbury University	0.92%	25
Dillard University	0.90%	26
Pomona College	0.90%	27
St. John's College-Department of Nursing	0.89%	28
University of Southern Mississippi	0.89%	29
Central State University	0.89%	30
Haverford College	0.88%	31
Transylvania University	0.88%	32
Xavier University of Louisiana	0.88%	33
Agnes Scott College	0.87%	34
Birmingham-Southern College	0.86%	35
Kalamazoo College	0.86%	36
Southwestern University	0.85%	37
Morehouse College	0.84%	38

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area

Millsaps College	0.83%	39
Huntingdon College	0.82%	40
Wellesley College	0.81%	41
St. John Vianney College Seminary	0.81%	42
Bard College at Simon's Rock	0.81%	43
University of Montevallo	0.80%	44
New College of Florida	0.80%	45
Grinnell College	0.79%	46
Heritage Christian University	0.79%	47
Grambling State University	0.79%	48
Mount Holyoke College	0.78%	49
Hollins University	0.78%	50
Stillman College	0.77%	51
St. Mary's University	0.77%	52
Claremont McKenna College	0.76%	53
Tuskegee University	0.76%	54
Oberlin College	0.76%	55
William & Mary	0.75%	56
Delta State University	0.74%	57
Smith College	0.74%	58
Central College	0.74%	59
Oklahoma Christian University	0.73%	60
Talladega College	0.73%	61
Florida Agricultural and Mechanical University	0.73%	62
Gallaudet University	0.73%	63
Converse College	0.72%	64
Paine College	0.72%	65
Brown University	0.72%	66
Scripps College	0.72%	67
Barnard College	0.72%	68
Colorado College	0.71%	69
Wittenberg University	0.71%	70
Mississippi University for Women	0.71%	71
Columbia International University	0.71%	72
Wesleyan University	0.70%	73
Centre College	0.69%	74
Saint Mary's College	0.69%	75
Saint Mary-of-the-Woods College	0.69%	76
Louisiana State University-Alexandria	0.69%	77
The King's University	0.68%	78
Davidson College	0.68%	79

(see notes page)

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Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area

St Olaf College	0.68%	80
Pitzer College	0.68%	81
Bennett College	0.68%	82
Amherst College	0.67%	83
Hampshire College	0.67%	84
Antioch University-Midwest	0.67%	85
Mississippi State University	0.66%	86
University of West Alabama	0.66%	87
Vanderbilt University	0.66%	88
Saint Augustine College	0.65%	90
Southeastern Baptist Theological Seminary	0.65%	90
Goshen College	0.65%	91
Furman University	0.65%	92
Young Harris College	0.64%	93
Williams College	0.64%	94
Saint Joseph Seminary College	0.64%	95
Taylor University	0.64%	96
The University of Montana-Western	0.63%	97
La Sierra University	0.62%	98
Hanover College	0.62%	99
Wheaton College	0.62%	100

Engineering

Institution Name	Rate	Rank
Franklin W Olin College of Engineering	14.77%	1
California Institute of Technology	11.48%	2
Harvey Mudd College	8.44%	3
Massachusetts Institute of Technology	6.61%	4
Webb Institute	5.59%	5
Cooper Union for the Advancement of Science and Art	5.34%	6
Northwestern Polytechnic University	4.64%	7
Rose-Hulman Institute of Technology	4.25%	8
Case Western Reserve University	3.46%	9
Rensselaer Polytechnic Institute	3.45%	10
Colorado School of Mines	3.42%	11
Rice University	3.07%	12
Illinois Institute of Technology	3.05%	13
New Mexico Institute of Mining and Technology	3.02%	14
Georgia Institute of Technology-Main Campus	2.90%	15
Missouri University of Science and Technology	2.90%	16

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Worcester Polytechnic Institute	2.89%	17
Johns Hopkins University	2.65%	18
Clarkson University	2.53%	19
Carnegie Mellon University	2.40%	20
Michigan Technological University	2.30%	21
Princeton University	1.95%	22
South Dakota School of Mines and Technology	1.86%	23
Cornell University	1.83%	24
University of California-Merced	1.78%	25
Lehigh University	1.77%	26
Lafayette College	1.69%	27
Stevens Institute of Technology	1.69%	28
University of Puerto Rico-Mayaguez	1.63%	29
Duke University	1.58%	30
Florida Institute of Technology	1.56%	31
University of Rochester	1.54%	32
Stanford University	1.36%	33
Bucknell University	1.34%	34
Milwaukee School of Engineering	1.32%	35
Vanderbilt University	1.29%	36
United States Military Academy	1.27%	37
Kettering University	1.24%	38
Swarthmore College	1.22%	39
Washington University in St Louis	1.20%	40
Tufts University	1.18%	41
University of California-Berkeley	1.18%	42
University of Michigan-Ann Arbor	1.17%	43
United States Air Force Academy	1.16%	44
Purdue University-Main Campus	1.08%	45
Columbia University in the City of New York	1.08%	46
Northwestern University	1.06%	47
University of Illinois Urbana-Champaign	1.02%	48
University of Notre Dame	1.02%	49
North Carolina State University at Raleigh	1.00%	50
Brown University	0.99%	51
University of Virginia-Main Campus	0.99%	52
Polytechnic University of Puerto Rico-Miami	0.98%	53
Clemson University	0.98%	54
Alfred University	0.97%	55
Union College	0.95%	56
New Jersey Institute of Technology	0.94%	57

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by Broad Academic Discipline Area

Virginia Polytechnic Institute and State University	0.89%	58
Coe College	0.88%	59
Dartmouth College	0.88%	60
Drexel University	0.87%	61
University of Tulsa	0.87%	62
Embry-Riddle Aeronautical University-Prescott	0.82%	63
Iowa State University	0.80%	64
Yale University	0.79%	65
University of Florida	0.79%	66
Embry-Riddle Aeronautical University-Daytona Beach	0.76%	67
Tulane University of Louisiana	0.74%	68
Carleton College	0.74%	69
Oregon State University	0.72%	70
University of Pennsylvania	0.72%	71
University of Maryland-College Park	0.72%	72
University of California-San Diego	0.71%	73
Valparaiso University	0.70%	74
University of Maryland-Baltimore County	0.69%	75
Grinnell College	0.68%	76
Virginia Military Institute	0.68%	77
Yeshiva Ohr Elchonon Chabad West Coast Talmudical Seminary	0.67%	78
Mississippi State University	0.67%	79
Brigham Young University-Provo	0.67%	80
Montana Technological University	0.66%	81
Trine University	0.65%	82
The University of Texas at Austin	0.64%	83
University of Wisconsin-Madison	0.64%	84
University of Pittsburgh-Pittsburgh Campus	0.63%	85
Rochester Institute of Technology	0.62%	86
Louisiana Tech University	0.61%	87
Pennsylvania State University-Penn State Erie-Behrend College	0.61%	88
Bard College at Simon's Rock	0.61%	89
University of Delaware	0.61%	90
Harvard University	0.61%	91
University of Arkansas	0.60%	92
CUNY City College	0.60%	93
Tennessee Technological University	0.60%	94
United States Coast Guard Academy	0.60%	95
University of Dayton	0.60%	96
Albany College of Pharmacy and Health Sciences	0.59%	97
The University of Tennessee-Knoxville	0.58%	98

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University of Alabama in Huntsville	0.57%	99
Morgan State University	0.57%	100

Humanities and arts

Institution Name	Rate	Rank
The New England Conservatory of Music	5.85%	1
St. John's College	4.95%	2
Swarthmore College	4.68%	3
Reed College	4.42%	4
St. John's College	4.41%	5
Oberlin College	3.68%	6
Yale University	3.46%	7
University of Chicago	3.37%	8
Bryn Mawr College	3.34%	9
Southeastern Baptist Theological Seminary	3.27%	10
Vassar College	3.20%	11
Sarah Lawrence College	3.11%	12
Williams College	3.05%	13
Thomas More College of Liberal Arts	3.05%	14
Thomas Aquinas College	2.99%	15
Haverford College	2.87%	16
Kenyon College	2.87%	17
Wesleyan University	2.86%	18
Bard College at Simon's Rock	2.83%	19
Amherst College	2.81%	20
Grinnell College	2.79%	21
Harvard University	2.74%	22
Wheaton College	2.69%	23
Bard College	2.68%	24
Carleton College	2.65%	25
The Juilliard School	2.60%	26
Barnard College	2.58%	27
Cleveland Institute of Music	2.54%	28
Princeton University	2.53%	29
Marlboro College	2.51%	30
Manhattan School of Music	2.47%	31
New College of Florida	2.46%	32
Moody Bible Institute	2.42%	33
University of Dallas	2.41%	34
Midwestern Baptist Theological Seminary	2.38%	35

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Macalester College	2.33%	36
Hampshire College	2.18%	37
Columbia University in the City of New York	2.16%	38
Curtis Institute of Music	2.11%	39
Pomona College	2.08%	40
Brown University	2.07%	41
Scripps College	2.07%	42
Wellesley College	1.99%	43
Smith College	1.97%	44
Dartmouth College	1.95%	45
New Saint Andrews College	1.90%	46
Bennington College	1.87%	47
Middlebury College	1.87%	48
Bowdoin College	1.86%	49
Mount Holyoke College	1.85%	50
Clear Creek Baptist Bible College	1.84%	51
Centre College	1.81%	52
Davidson College	1.73%	53
Conservatory of Music of Puerto Rico	1.69%	54
Hendrix College	1.69%	55
William & Mary	1.62%	56
Lawrence University	1.59%	57
Judson College	1.59%	58
Rhodes College	1.58%	59
Agnes Scott College	1.57%	60
St Olaf College	1.51%	61
Whitman College	1.46%	62
Beloit College	1.45%	63
Wabash College	1.44%	64
Stanford University	1.42%	65
Kalamazoo College	1.41%	66
The King's University	1.37%	67
Rice University	1.37%	68
Sacred Heart Major Seminary	1.36%	69
Earlham College	1.35%	70
Hellenic College-Holy Cross Greek Orthodox School of Theology	1.35%	71
Willamette University	1.32%	72
Gordon College	1.30%	73
Southwestern University	1.30%	74
Hamilton College	1.28%	75
Young Harris College	1.28%	76

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Brandeis University	1.28%	77
Saint Joseph Seminary College	1.27%	78
Ave Maria University	1.27%	79
Furman University	1.27%	80
Asbury University	1.25%	81
Oklahoma Baptist University	1.25%	82
Andrews University	1.24%	83
Mills College	1.23%	84
The College of Wooster	1.23%	85
San Francisco Conservatory of Music	1.21%	86
Westmont College	1.21%	87
York College	1.21%	88
Millsaps College	1.14%	89
Goshen College	1.13%	90
New Orleans Baptist Theological Seminary	1.12%	91
Lewis & Clark College	1.12%	92
Welch College	1.12%	93
University of Rochester	1.11%	94
Faith Baptist Bible College and Theological Seminary	1.11%	95
Pitzer College	1.10%	96
Hanover College	1.09%	97
Blue Mountain College	1.09%	98
Washington University in St Louis	1.09%	99
Colorado College	1.06%	100

Life sciences

Institution Name	Rate	Rank
California Institute of Technology	6.73%	1
Swarthmore College	5.06%	2
Reed College	4.95%	3
Abraham Baldwin Agricultural College	4.84%	4
Carleton College	4.59%	5
Grinnell College	4.43%	6
Massachusetts Institute of Technology	4.38%	7
Harvey Mudd College	4.22%	8
Haverford College	4.06%	9
Pomona College	3.93%	10
Albany College of Pharmacy and Health Sciences	3.51%	11
University of Chicago	3.45%	12
SUNY College of Environmental Science and Forestry	3.41%	13

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New College of Florida	3.39%	14
Kalamazoo College	3.23%	15
Cornell University	3.13%	16
Mount Holyoke College	3.13%	17
Scripps College	3.12%	18
Case Western Reserve University	3.08%	19
College of the Atlantic	3.07%	20
Johns Hopkins University	3.01%	21
Harvard University	3.00%	22
Princeton University	2.97%	23
Hendrix College	2.96%	24
Yale University	2.93%	25
Rice University	2.91%	26
Amherst College	2.90%	27
Brown University	2.88%	28
St Olaf College	2.87%	29
Colby College	2.87%	30
Oberlin College	2.83%	31
Earlham College	2.83%	32
Stanford University	2.80%	33
University of Rochester	2.78%	34
Duke University	2.73%	35
Bowdoin College	2.72%	36
Brandeis University	2.70%	37
Williams College	2.69%	38
University of the Sciences	2.65%	39
Bryn Mawr College	2.62%	40
Davidson College	2.59%	41
Allegheny College	2.58%	42
Juniata College	2.57%	43
Wellesley College	2.56%	44
University of California-Merced	2.56%	45
Ursinus College	2.51%	46
Whitman College	2.43%	47
Macalester College	2.39%	48
Agnes Scott College	2.38%	49
Ohio Wesleyan University	2.38%	50
Kenyon College	2.33%	51
Washington University in St Louis	2.33%	52
Colorado College	2.29%	53
Vassar College	2.22%	54

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Lewis & Clark College	2.21%	55
Lawrence University	2.19%	56
Bates College	2.14%	57
Middlebury College	2.12%	58
Dartmouth College	2.06%	59
Hampshire College	2.04%	60
University of California-Berkeley	2.01%	61
Spelman College	2.01%	62
Hanover College	2.00%	63
Wesleyan University	2.00%	64
Emory University	1.98%	65
The College of Wooster	1.98%	66
Tufts University	1.96%	67
Polytechnic University of Puerto Rico-Miami	1.96%	68
Smith College	1.94%	69
Colgate University	1.93%	70
Beloit College	1.93%	71
St. Mary's College of Maryland	1.92%	72
Young Harris College	1.92%	73
Knox College	1.88%	74
William & Mary	1.88%	75
Wesleyan College	1.87%	76
Franklin and Marshall College	1.85%	77
Worcester Polytechnic Institute	1.84%	78
University of Wisconsin-Madison	1.84%	79
University of Pennsylvania	1.83%	80
Willamette University	1.81%	81
Oakwood University	1.76%	82
Centenary College of Louisiana	1.76%	83
DePauw University	1.73%	84
Alma College	1.73%	85
Centre College	1.73%	86
Denison University	1.71%	87
Lafayette College	1.67%	88
University of California-Davis	1.66%	89
Columbia University in the City of New York	1.66%	90
Barnard College	1.66%	91
University of Puget Sound	1.66%	92
Cornell College	1.60%	93
Wittenberg University	1.59%	94
University of California-San Diego	1.57%	95

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Trinity University	1.56%	96
Albion College	1.55%	97
Tougaloo College	1.55%	98
Carnegie Mellon University	1.55%	99
Wabash College	1.54%	100

Mathematics and computer sciences

Institution Name	Rate	Rank
California Institute of Technology	7.10%	1
Harvey Mudd College	6.92%	2
Franklin W Olin College of Engineering	2.79%	3
Massachusetts Institute of Technology	2.51%	4
Swarthmore College	1.84%	5
Princeton University	1.70%	6
University of Chicago	1.63%	7
Carnegie Mellon University	1.52%	8
Carleton College	1.39%	9
Pomona College	1.34%	10
Williams College	1.29%	11
Reed College	1.22%	12
Harvard University	1.08%	13
New College of Florida	1.06%	14
Yeshiva College of the Nations Capital	0.99%	15
Stanford University	0.96%	16
Northwestern Polytechnic University	0.93%	17
Cooper Union for the Advancement of Science and Art	0.89%	18
Haverford College	0.88%	19
Rose-Hulman Institute of Technology	0.88%	20
Rice University	0.87%	21
Rensselaer Polytechnic Institute	0.86%	22
Bard College at Simon's Rock	0.81%	23
St. John's College	0.81%	24
Grinnell College	0.76%	25
St Olaf College	0.75%	26
Amherst College	0.74%	27
New Mexico Institute of Mining and Technology	0.73%	28
Brown University	0.72%	29
Oklahoma State University Institute of Technology	0.66%	30
Saint Augustine College	0.65%	31
University of Tulsa	0.64%	32

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Yale University	0.64%	33
Bryn Mawr College	0.62%	34
Bard College	0.60%	35
Columbia University in the City of New York	0.60%	36
Bowdoin College	0.59%	37
Duke University	0.57%	38
Case Western Reserve University	0.56%	39
Transylvania University	0.54%	40
Illinois Institute of Technology	0.54%	41
Dartmouth College	0.52%	42
Bryn Athyn College of the New Church	0.52%	43
Wellesley College	0.51%	44
University of California-Berkeley	0.51%	45
Oberlin College	0.49%	46
Lafayette College	0.49%	47
Whitman College	0.49%	48
Kalamazoo College	0.48%	49
Millsaps College	0.48%	50
Scripps College	0.48%	51
Cornell University	0.48%	52
Wabash College	0.48%	53
Willamette University	0.47%	54
Hamilton College	0.47%	55
Grove City College	0.47%	56
Washington University in St Louis	0.47%	57
University of Rochester	0.46%	58
Georgia Institute of Technology-Main Campus	0.45%	59
Kenyon College	0.44%	60
Worcester Polytechnic Institute	0.44%	61
Dakota State University	0.44%	62
Wheaton College	0.43%	63
Florida Institute of Technology	0.43%	64
Missouri University of Science and Technology	0.43%	65
Colorado College	0.42%	66
Marlboro College	0.42%	67
Clarkson University	0.41%	68
Stevens Institute of Technology	0.41%	69
Mount Holyoke College	0.41%	70
South Dakota School of Mines and Technology	0.40%	71
University of Maryland-Baltimore County	0.40%	72
Tufts University	0.40%	73

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Brandeis University	0.39%	74
Carroll College	0.39%	75
United States Military Academy	0.39%	76
Wesleyan University	0.39%	77
Macalester College	0.38%	78
St. John's College	0.38%	79
University of Notre Dame	0.38%	80
Bethel College-North Newton	0.38%	81
Colorado School of Mines	0.37%	82
University of Minnesota-Morris	0.37%	83
Randolph College	0.36%	84
University of Dallas	0.36%	85
Hebrew Theological College	0.35%	86
Johns Hopkins University	0.35%	87
Ursinus College	0.35%	88
Centre College	0.35%	89
Northwestern University	0.34%	90
Hendrix College	0.34%	91
Franklin and Marshall College	0.33%	92
Lewis & Clark College	0.33%	93
Saint Johns University	0.33%	94
Taylor University	0.33%	95
Birmingham-Southern College	0.32%	96
Ave Maria University	0.32%	97
Bates College	0.31%	98
Furman University	0.31%	99
St. Mary's College of Maryland	0.31%	100

Other non-S&E

Institution Name	Rate	Rank
New College of Florida	0.93%	1
Virginia University of Lynchburg	0.79%	2
Pennsylvania State University-World Campus	0.78%	3
Fisk University	0.78%	4
Swarthmore College	0.76%	5
University of Chicago	0.64%	6
Maharishi International University	0.62%	7
Florida College	0.62%	8
Harvard University	0.59%	9
California Institute of Technology	0.55%	10

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Sarah Lawrence College	0.54%	11
Goddard College	0.54%	12
Spelman College	0.54%	13
Arizona State University-Downtown Phoenix	0.53%	14
Bryn Mawr College	0.52%	15
Truett McConnell University	0.49%	16
Brigham Young University-Provo	0.48%	17
University of Pennsylvania	0.48%	18
Yale University	0.48%	19
Pomona College	0.47%	20
Williams College	0.46%	21
Massachusetts Institute of Technology	0.46%	22
York College	0.45%	23
Northwestern University	0.43%	24
University of Texas Southwestern Medical Center	0.43%	25
Brown University	0.42%	26
Vassar College	0.42%	27
Claremont McKenna College	0.42%	28
Stanford University	0.41%	29
Wellesley College	0.41%	30
Macalester College	0.41%	31
Rice University	0.40%	32
Trinity University	0.40%	33
Concordia College at Moorhead	0.39%	34
Millsaps College	0.39%	35
Oberlin College	0.39%	36
United States Military Academy	0.39%	37
St. John's College	0.38%	38
Hanover College	0.38%	39
Bethel College-North Newton	0.38%	40
Transylvania University	0.38%	41
Cornell University	0.38%	42
Princeton University	0.37%	43
Haverford College	0.37%	44
Davidson College	0.36%	45
Birmingham-Southern College	0.36%	46
Barnard College	0.35%	47
Wheaton College	0.35%	48
Dartmouth College	0.35%	49
Duke University	0.35%	50
Ripon College	0.34%	51

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area

Kalamazoo College	0.34%	52
Bennett College	0.34%	53
Truman State University	0.33%	54
Howard University	0.33%	55
Washington University in St Louis	0.33%	56
Emory University	0.33%	57
Wesleyan University	0.33%	58
Coe College	0.33%	59
Grinnell College	0.33%	60
St Olaf College	0.33%	61
United States Air Force Academy	0.32%	62
Kenyon College	0.32%	63
Wabash College	0.32%	64
Carleton College	0.32%	65
William & Mary	0.31%	66
University of Alaska Southeast	0.31%	67
Wake Forest University	0.31%	68
Brandeis University	0.30%	69
Wells College	0.30%	70
Mount Holyoke College	0.30%	71
Amherst College	0.30%	72
Clark University	0.30%	73
Soka University of America	0.30%	74
University of North Carolina at Chapel Hill	0.30%	75
Middlebury College	0.30%	76
Talladega College	0.29%	77
Columbia University in the City of New York	0.29%	78
Florida Agricultural and Mechanical University	0.29%	79
Georgetown College	0.29%	80
Oklahoma Christian University	0.29%	81
Tougaloo College	0.28%	82
Columbia College	0.28%	83
Brigham Young University-Hawaii	0.28%	84
Hampton University	0.28%	85
College of Saint Mary	0.28%	86
Juniata College	0.28%	87
Westminster College	0.28%	88
North Carolina A & T State University	0.28%	89
Rhodes College	0.27%	90
Morehouse College	0.27%	91
Beloit College	0.27%	92

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

**Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area**

University of Notre Dame	0.27%	93
DePauw University	0.27%	94
Connecticut College	0.27%	95
University of Michigan-Ann Arbor	0.27%	96
Bates College	0.27%	97
Toccoa Falls College	0.26%	98
St. Mary's University	0.26%	99
Holy Names University	0.26%	100

Physical sciences and earth sciences

Institution Name	Rate	Rank
California Institute of Technology	14.01%	1
Harvey Mudd College	7.97%	2
Carleton College	4.25%	3
Massachusetts Institute of Technology	3.41%	4
Reed College	3.17%	5
Haverford College	2.77%	6
New Mexico Institute of Mining and Technology	2.60%	7
Grinnell College	2.35%	8
Colorado School of Mines	2.34%	9
University of Chicago	2.33%	10
Swarthmore College	2.27%	11
Whitman College	2.21%	12
Juniata College	1.86%	13
Florida Institute of Technology	1.85%	14
Amherst College	1.83%	15
Pomona College	1.82%	16
Princeton University	1.79%	17
The College of Wooster	1.76%	18
Williams College	1.74%	19
New College of Florida	1.73%	20
Bryn Mawr College	1.72%	21
Macalester College	1.69%	22
Hendrix College	1.65%	23
University of Rochester	1.58%	24
Rice University	1.53%	25
Lawrence University	1.53%	26
Kalamazoo College	1.51%	27
Case Western Reserve University	1.49%	28
Franklin and Marshall College	1.48%	29

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area

Bowdoin College	1.39%	30
Harvard University	1.38%	31
Rensselaer Polytechnic Institute	1.38%	32
Allegheny College	1.32%	33
Oberlin College	1.32%	34
Cornell University	1.31%	35
Wellesley College	1.29%	36
University of California-Merced	1.28%	37
Carnegie Mellon University	1.27%	38
William & Mary	1.26%	39
Colby College	1.25%	40
Yale University	1.23%	41
St Olaf College	1.20%	42
Rose-Hulman Institute of Technology	1.19%	43
University of Minnesota-Morris	1.10%	44
Stanford University	1.09%	45
Hamilton College	1.09%	46
Columbia University in the City of New York	1.09%	47
Colgate University	1.09%	48
Washington & Jefferson College	1.09%	49
Brown University	1.08%	50
Wesleyan University	1.07%	51
Wabash College	1.06%	52
Occidental College	1.06%	53
University of the Sciences	1.05%	54
Colorado College	1.04%	55
University of California-Berkeley	1.01%	56
Dartmouth College	0.96%	57
Albion College	0.96%	58
Willamette University	0.94%	59
Cooper Union for the Advancement of Science and Art	0.94%	60
Cornell College	0.93%	61
South Dakota School of Mines and Technology	0.93%	62
Knox College	0.92%	63
Hope College	0.91%	64
Mount Holyoke College	0.91%	65
Illinois Wesleyan University	0.91%	66
Illinois Institute of Technology	0.90%	67
Trinity University	0.90%	68
Worcester Polytechnic Institute	0.88%	69
Beloit College	0.88%	70

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

**Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area**

Furman University	0.87%	71
Berea College	0.87%	72
Smith College	0.86%	73
Union College	0.85%	74
Bard College	0.85%	75
Washington University in St Louis	0.85%	76
The University of the South	0.85%	77
Gustavus Adolphus College	0.84%	78
Goucher College	0.84%	79
Earlham College	0.82%	80
Stevens Institute of Technology	0.82%	81
Valparaiso University	0.82%	82
Centre College	0.81%	83
Lebanon Valley College	0.81%	84
Randolph-Macon College	0.80%	85
Brandeis University	0.80%	86
University of Tulsa	0.80%	87
Truman State University	0.79%	88
Kenyon College	0.79%	89
Wheaton College	0.79%	90
Drew University	0.78%	91
Gettysburg College	0.78%	92
Eckerd College	0.78%	93
Lafayette College	0.78%	94
Bates College	0.77%	95
Austin College	0.77%	96
Duke University	0.77%	97
Vassar College	0.76%	98
University of Dallas	0.75%	99
SUNY College at Geneseo	0.74%	100

Psychology and social sciences

Institution Name	Rate	Rank
Swarthmore College	5.24%	1
Reed College	5.15%	2
Bard College at Simon's Rock	4.45%	3
New College of Florida	4.19%	4
University of Chicago	4.10%	5
Williams College	4.02%	6
Pomona College	3.85%	7

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area

Grinnell College	3.63%	8
Wesleyan University	3.63%	9
Haverford College	3.58%	10
Carleton College	3.58%	11
Wellesley College	3.46%	12
Vassar College	3.42%	13
Harvard University	3.30%	14
Macalester College	3.23%	15
Yale University	3.09%	16
St. John's College	3.00%	17
Barnard College	2.88%	18
Bryn Mawr College	2.85%	19
Amherst College	2.81%	20
Smith College	2.72%	21
Palo Alto University	2.70%	22
Soka University of America	2.69%	23
Hampshire College	2.68%	24
Arizona State University-Downtown Phoenix	2.65%	25
Princeton University	2.65%	26
Dartmouth College	2.57%	27
Stanford University	2.57%	28
Brown University	2.56%	29
Oberlin College	2.54%	30
Scripps College	2.35%	31
Spelman College	2.31%	32
St. John's College	2.30%	33
Brandeis University	2.29%	34
Hendrix College	2.28%	35
Kenyon College	2.19%	36
Whitman College	2.18%	37
Agnes Scott College	2.11%	38
Rice University	2.11%	39
Mount Holyoke College	2.10%	40
Southwestern University	2.08%	41
Beloit College	2.06%	42
Rhodes College	2.04%	43
Duke University	2.03%	44
Kalamazoo College	1.99%	45
Middlebury College	1.99%	46
Tufts University	1.98%	47
Bowdoin College	1.98%	48

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area

Davidson College	1.93%	49
Earlham College	1.93%	50
Millsaps College	1.92%	51
Claremont McKenna College	1.87%	52
Washington University in St Louis	1.83%	53
Columbia University in the City of New York	1.83%	54
Thomas More College of Liberal Arts	1.83%	55
Colby College	1.82%	56
William & Mary	1.82%	57
Bard College	1.78%	58
Trinity University	1.76%	59
Lewis & Clark College	1.76%	60
Sarah Lawrence College	1.76%	61
Washington and Lee University	1.75%	62
Emory University	1.75%	63
University of California-Merced	1.72%	64
Georgetown University	1.70%	65
Northwestern University	1.68%	66
University of Rochester	1.66%	67
St. John Vianney College Seminary	1.63%	68
Colgate University	1.62%	69
The College of Wooster	1.62%	70
Bates College	1.61%	71
Knox College	1.60%	72
Centre College	1.58%	73
Occidental College	1.53%	74
Connecticut College	1.53%	75
Cornell University	1.53%	76
Mills College	1.52%	77
Wheaton College	1.50%	78
University of Notre Dame	1.50%	79
Furman University	1.48%	80
Clark University	1.48%	81
Fisk University	1.48%	82
Hamilton College	1.48%	83
California Institute of Technology	1.47%	84
Birmingham-Southern College	1.47%	85
College of the Atlantic	1.46%	86
Skidmore College	1.44%	87
Denison University	1.43%	88
California Institute of Integral Studies	1.43%	89

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

**Baccalaureate Origins of Doctorate Recipients, 2012 - 2021
by Broad Academic Discipline Area**

Wake Forest University	1.42%	90
Colorado College	1.41%	91
University of Pennsylvania	1.40%	92
Franklin and Marshall College	1.40%	93
Austin College	1.38%	94
Pitzer College	1.36%	95
Goddard College	1.35%	96
University of California-Berkeley	1.35%	97
Hellenic College-Holy Cross Greek Orthodox School of Theology	1.35%	98
Vanderbilt University	1.30%	99
Wesleyan College	1.28%	100

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.

Baccalaureate Origins of Doctorate Recipients, 2012 - 2021 by Broad Academic Discipline Area

NOTES

The rate reflects the number of doctorates earned in the indicated field in the 10-year period by the institution's baccalaureate alumni, divided by the total number of baccalaureate degrees awarded in a lagged (by 9 years) 10-year period.

Rates are presented to two decimal places; however, ranks were determined using the full calculated figure.

Ranks based on rates less than .005% are not shown.

Institutions awarding fewer than 100 bachelor's degrees in the ten year period were excluded.

These tables were prepared using data directly from NCES (for baccalaureates awarded and National Center for Science and Engineering Statistics, Survey of Earned Doctorates (for bacc origins of doctoral recipients).

Please note that data from those systems were only spot checked. Please notify us if you discover any problems.

To learn more about the National Science Foundation's Survey of Earned Doctorates, go <https://www.nsf.gov/statistics/srvydoctorates/>

Information about determining major fields of study may be found here:

<https://nces.nsf.gov/pubs/nsf23300/technical-notes>

(Note that tables A-5 and A-6 include information about current CIP and crosswalking to historic fields.)

Please cite

***Swarthmore College Institutional Effectiveness Research & Assessment
Baccalaureate Origins Analyses*** when referring to this work. Thank you.

(see notes page)

SOURCE: NSF Survey of Earned Doctorates; NCES Completions.

Prepared by Swarthmore College Institutional Effectiveness Research Assessment, May 2023.