

## Where Are the URM Mathematics and Statistics Students? Top 25 Institutions Granting Bachelor's Degrees to URMs

Mathematics and statistics are two disciplines critical to any science discipline. Physics and sociology, alike, involve the knowledge of mathematics and statistics at a variety levels. Since mathematics and statistics are a foundation of most science, the number of bachelor's degrees being earned by under-represented minorities (URMs) in the United States is an indicator of who will be doing general (rather than specialized) work science and engineering in the workforce.

A total of 407 mathematics degrees were earned in 2006 by URM students in the top 25 institutions. The institution that ranked first was the University of Texas at Austin granting 33 bachelor's degrees; 33.3% of these were awarded to women. Ranked number two was Morehouse College, a Historically Black College/University (HBCU), with 26 bachelor's degrees granted in 2006.

The total of the top 100 institutions awarding bachelors' degrees in mathematics was reached 890 in 2006. URM women earned 49.3% of the mathematics bachelor's degrees awarded at the top 100 institutions.

Statistics bachelor's degrees show far different numbers than those of mathematics, with just 55 bachelor's degrees granted in 2006. There were only 30 schools that granted at least one bachelor's degree in statistics to a URM student. Keith Crank of the American Statistical Association said "Many colleges and universities do not have a statistics department, and of those that do, not all offer a bachelor's degree. While some schools that don't have a statistics department do offer a bachelor's degree in statistics (generally through the math department), these may not all be counted as statistics degrees. Overall, it is not surprising that so few schools conferred bachelor's degrees in statistics to URMs in 2006."

Almost all (50 of 55 degrees) were granted by the top 25 institutions, with the University of New Mexico, Main Campus ranking first with five degrees.

Top 25 Institutions Awarding Mathematics Bachelor's Degrees to Under-Represented Minorities, 2006				
Rank	Institution	Total URM	Total Female	Total Male
1	University of Texas at Austin	33	11	22
2	Morehouse College	26	0	26
3	University of Texas at San Antonio	25	19	6
4	University of California Riverside	22	14	8
5	University of California Los Angeles	21	8	13
6	Spelman College	19	19	0
7	Texas A & M International University	19	15	4
8	University of Texas Pan American	19	7	12
9	University of Texas at El Paso	19	6	13
10	California State University San Bernardino	18	10	8
11	Chicago State University	18	6	12
12	University of Texas at Brownsville	17	10	7
13	San Diego State University	15	8	7
14	California State University Dominguez Hills	14	8	6
15	Texas Southern University	14	8	6
16	Kean University	13	6	7
17	California State University Long Beach	11	4	7
18	Texas State University San Marcos	11	8	3
19	University of California Irvine	11	1	10
20	University of California Santa Barbara	11	9	2
21	University of Florida	11	4	7
22	California State Polytechnic University Pomona	10	5	5
23	California State University Los Angeles	10	5	5
24	Sul Ross State University (Alpine, TX)	10	3	7
25	University of California Santa Cruz	10	3	7
<b>TOTAL TOP 25</b>		<b>407</b>	<b>197</b>	<b>210</b>
<i>Source: CPST, WebCASPAR database, National Science Foundation</i>				

Top 25 Institutions Awarding Statistics Bachelor's Degrees to Under-Represented Minorities, 2006				
Rank	Institution	Total URM	Total Female	Total Male
1	University of New Mexico Main Campus	5	3	2
2	University of California Riverside	4	1	3
3	University of Florida	4	2	2
4	University of Michigan Ann Arbor	4	0	4
5	University of California Santa Barbara	3	1	2
6	University of Illinois at Chicago	3	2	1
7	University of Miami	3	2	1
8	Florida State University	2	1	1
9	North Carolina State University at Raleigh	2	1	1
10	Rochester Institute of Technology	2	1	1
11	Rutgers University New Brunswick Piscataway	2	0	2
12	Univ. of Minnesota Twin Cities (Minneapolis, MN)	2	0	2
13	University of Texas at San Antonio	2	1	1
14	American University	1	0	1
15	CUNY Hunter College	1	1	0
16	California Polytechnic State University San Luis Obispo	1	1	0
17	Florida International University	1	1	0
18	George Washington University	1	0	1
19	Miami University Oxford	1	0	1
20	Purdue University Main Campus	1	1	0
21	University of Connecticut	1	0	1
22	University of Georgia	1	1	0
23	University of Illinois at Urbana Champaign	1	0	1
24	University of Iowa	1	1	0
25	University of Maryland Baltimore County	1	0	1
<b>TOTAL TOP 25</b>		<b>50</b>	<b>21</b>	<b>29</b>
<i>Source: CPST, WebCASPAR database, National Science Foundation</i>				

In many cases mathematics and statistics are often grouped together in one disciplinary classification. Here, the disciplines have been disaggregated to provide further detail. Interestingly enough, when the disciplines are disaggregated, there is very little overlap in the institutions listed.

To see the entire list of top 100 institutions in mathematics, please visit [www.cpst.org](http://www.cpst.org).

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