

**TABLE 1**

Proportion of Full-time, Active, Tenure or Tenure-Track Faculty Members in Physics and Astronomy Who Identified with Each Gender Identity, Spring 2021	
Gender identity	Percent of Faculty (N = 917)
Men	79%
Women	21%

Note: Percentages are based on the number of respondents who provided their gender identity (N = 917). Although not presented here, less than 1% of all respondents identified with another gender identity.

**TABLE 2**

Proportion of Full-time, Active, Tenure or Tenure-Track Faculty Members in Physics and Astronomy Who Identified with Each Racial or Ethnic Identity, Spring 2021	
Racial or ethnic identity	Percent of Faculty (N = 757)
White	83%
Asian or Asian America	10%
Hispanic or Latino	5%
Black or African American	3%
Another race	2%

Note: Only US citizens were asked to provide their racial or ethnic identity. Responses presented here are not mutually exclusive as respondents were able to select more than one racial or ethnic identity (3%). Percentages are based on the number of respondents who provided their racial or ethnic identity (N = 757).

**TABLE 3**

Proportion of Full-time, Active, Tenure or Tenure-Track Faculty Members in Physics and Astronomy Who Identified as Women or as Men by Racial or Ethnic Identity, Spring 2021		
<b>Racial or ethnic identity</b>	<b>Women (N = 149)</b>	<b>Men (N = 598)</b>
White	82%	84%
Asian or Asian America	11%	10%
Hispanic or Latino	5%	5%
Black or African American	<i>a</i>	3%
Another race	<i>a</i>	2%

Note: Only US citizens were asked to provide their racial or ethnic identity. Racial or ethnic identities presented here are not mutually exclusive as respondents were able to select more than one racial or ethnic identity (3%). Percentages are based on the number of respondents who provided both their gender and racial or ethnic identity (N = 747). Although not presented here, less than 1% of all respondents identified with another gender identity.

**TABLE 4**

Proportion of Full-time, Active, Tenured Faculty Members in Physics and Astronomy Who Identified with Each Gender Identity, Spring 2021	
Gender identity	Percent of Faculty
Men	82%
Women	17%

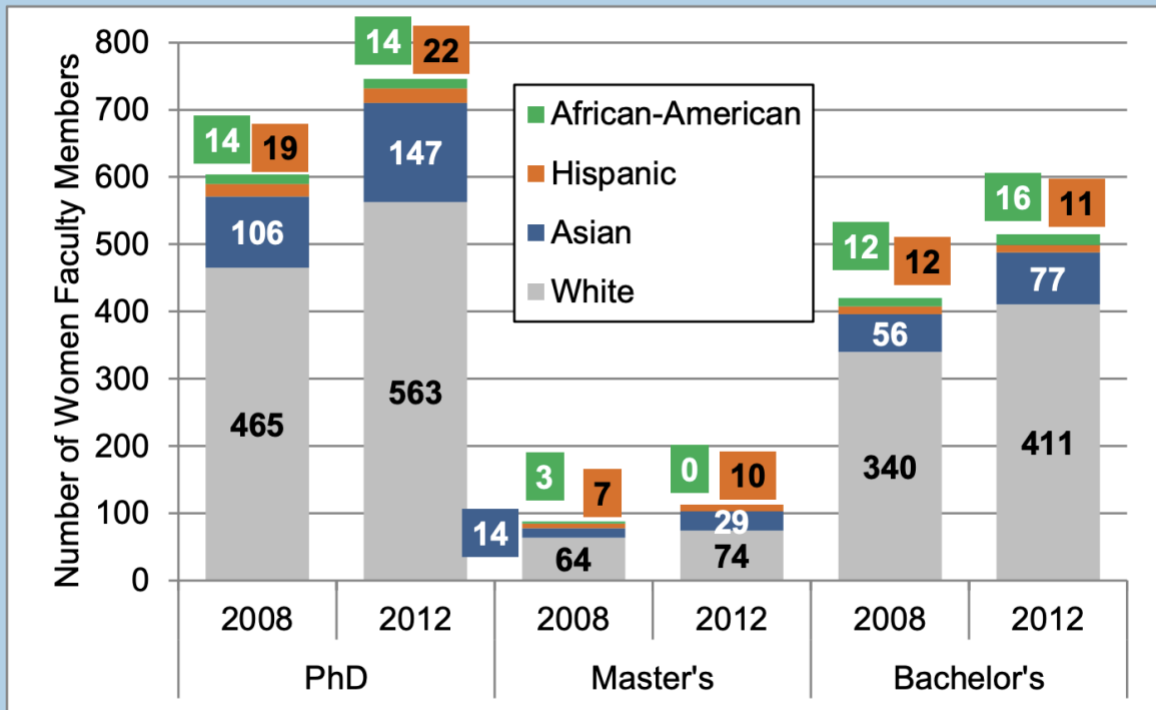
Note: Percentages are based on the number of tenured faculty who provided their gender identity. Although not presented here, less than 1% of all respondents identified with another gender identity.

**TABLE 5**

Proportion of Full-time, Active, Tenured Faculty Members in Physics and Astronomy Who Identified with Each Racial or Ethnic Identity, Spring 2021	
Racial or ethnic identity	Percent of Faculty
White	83%
Asian or Asian America	10%
Hispanic or Latino	5%
Black or African American	2%
Another race	3%

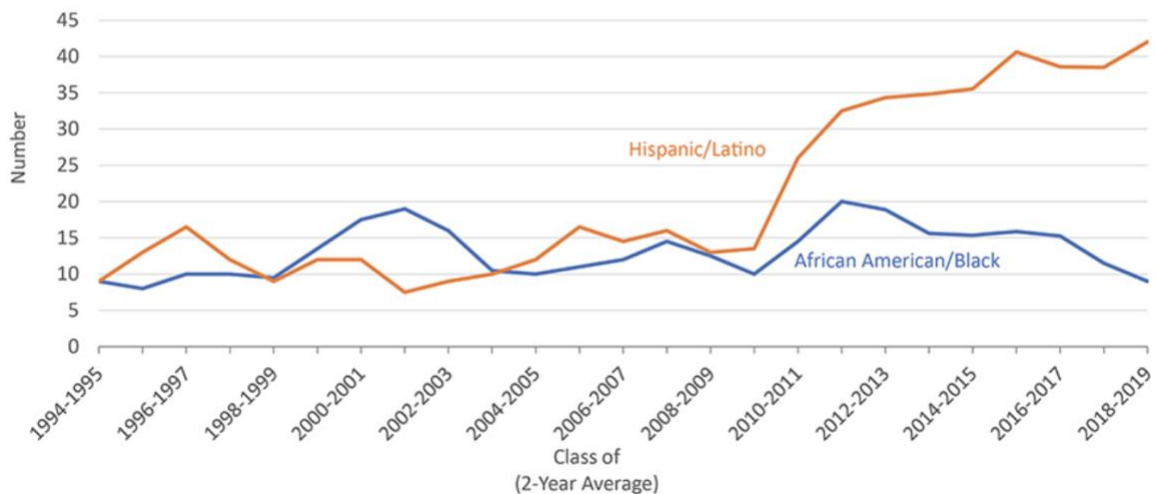
Note: Only US citizens were asked to provide their racial or ethnic identity. Responses presented here are not mutually exclusive as respondents were able to select more than one racial or ethnic identity (3%). Percentages are based on the number of tenured faculty who provided their racial or ethnic identity.

## Number of Women in Physics and Astronomy Departments, 2012 by Highest Degree Awarded

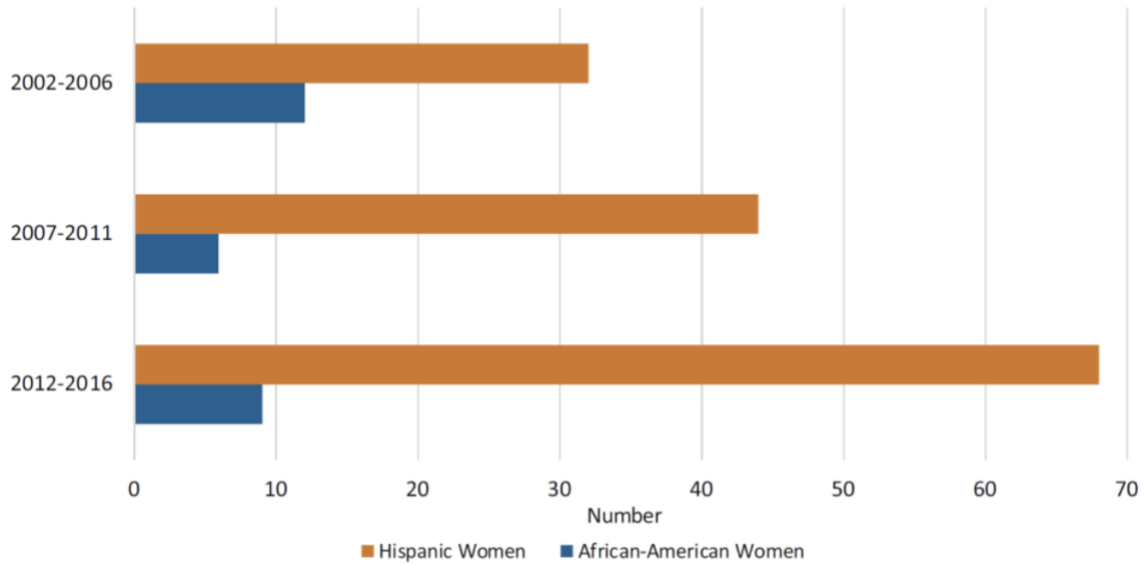


[www.aip.org/statistics](http://www.aip.org/statistics)

## Number of African American and Hispanic People Earning a Physics Doctorate, Classes of 1994 through 2019



### Number of African-American and Hispanic Women with Astronomy Bachelor's Degrees, Classes of 1997 through 2016



Source: National Science Foundation, National Center for Science and Engineering Statistics.  
Data compiled by AIP Statistical Research Center.

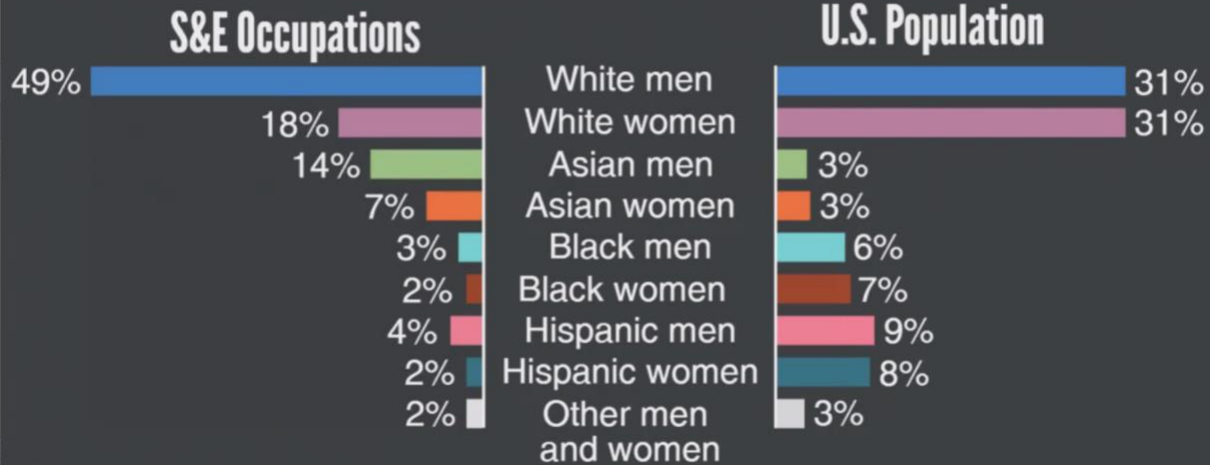
### The Number of Doctorates Earned in Physics, 2014–15 to 2018–19

<b>Number of Doctorates Earned in Physics by People who are:</b>	<b>2014–15</b>	<b>2015–16</b>	<b>2016–17</b>	<b>2017–18</b>	<b>2018–19</b>
American Indian or Alaska Native men	5	0	1	2	2
American Indian or Alaska Native women	0	1	0	0	0
Asian men	56	55	61	66	70
Asian women	17	20	19	18	27
Black or African American men	13	15	16	8	8
Black or African American women	5	9	3	4	1
Hispanic or Latino men	34	40	50	42	40
Hispanic or Latino women	10	5	7	11	10
Native Hawaiian or Other Pacific Islander men	2	1	1	1	1
Native Hawaiian or Other Pacific Islander women	0	0	0	1	0
White men	639	650	648	609	651
White women	135	142	115	165	123
Two or more races men	9	11	11	24	22
Two or more races women	1	8	6	6	6
All Other Race/Ethnicity and Gender Combinations (NonResident Alien and Unknown)	915	889	894	923	914
<b>Totals:</b>					
Non-White Only	152	165	175	183	187
White Only	774	792	763	774	774
<b>Grand Totals:</b>					
<b>Men</b>	<b>1,474</b>	<b>1,489</b>	<b>1,511</b>	<b>1,478</b>	<b>1,497</b>
<b>Women</b>	<b>367</b>	<b>357</b>	<b>321</b>	<b>402</b>	<b>378</b>
<b>All</b>	<b>1,841</b>	<b>1,846</b>	<b>1,832</b>	<b>1,880</b>	<b>1,875</b>



# Workers in science and engineering occupations

In 2015, women and some minority groups were represented less in science and engineering (S&E) occupations than they were in the U.S. general population.



Source: National Center for Science and Engineering Statistics, National Science Foundation  
Women, Minorities, and Persons with Disabilities in Science and Engineering: 2017  
<https://nsf.gov/statistics/wmpd/>

womendmath.org/research/

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K-12 Undergrad Grad AWM Student Chapters Data & Research

Among US citizens, **224 women** earned PhDs in the mathematical sciences during the 2014-2015 academic year.

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43% of all full-time female faculty are in bachelors departments.

SEE THE DATA

SEE THE DATA

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**It's not just about women.**

SEE THE FULL REPORT

The CBMS demographic survey, most recently completed in 2010, details the percentage of gender and of racial/ethnic groups among all tenured, tenure-eligible, postdoctoral, and other full-time faculty in mathematics departments of four-year colleges and universities. The data, shown below, underscore the lack of representation of many groups in the mathematical sciences.

**56%**  
White, male

**23%**  
White, female

**9%**  
Asian, male

**3%**  
Asian, female

**2%**  
Black, male

**1%**  
Black, female

**2%**  
Hispanic, male

**1%**  
Hispanic, female