

# Tennessee Tech

## *Institutional Research*

### Retention Rates for First-Time Freshmen By Racial/Ethnic Group and Gender

#### Fall 2013 – Fall 2017

This report contains information about Fall-to-Spring and Fall-to-Fall retention rates for first-time freshmen at Tennessee Tech, by Race/Ethnic group and Gender, for the entering freshmen cohort of Fall 2013 through Fall 2017. Each cohort consists of all first-time, full-time freshmen who entered the University in the Fall semester or the immediately preceding Summer.

Table 1 provides summary information for retention rates by racial/ethnic group. Tables 2 and 3 provide summary information for retention rates by racial/ethnic group and gender. In tables 1, 2, and 3, three of the nine racial/ethnic categories had fewer than 10 students across the five fall cohorts. Therefore, these three categories ('American Indian or Alaska Native', 'Hawaiian or Pacific Islander', and 'Race and Ethnicity Unknown') are excluded.

Tables 4, 5, 6, 7, and 8 provide detailed information for the cohorts of Fall 2017, Fall 2016, Fall 2015, Fall 2014 and Fall 2013. The numbers of students in each cohort and by racial/ethnic group and gender are displayed, along with fall-to-spring and fall-to-fall retention rate percentages.

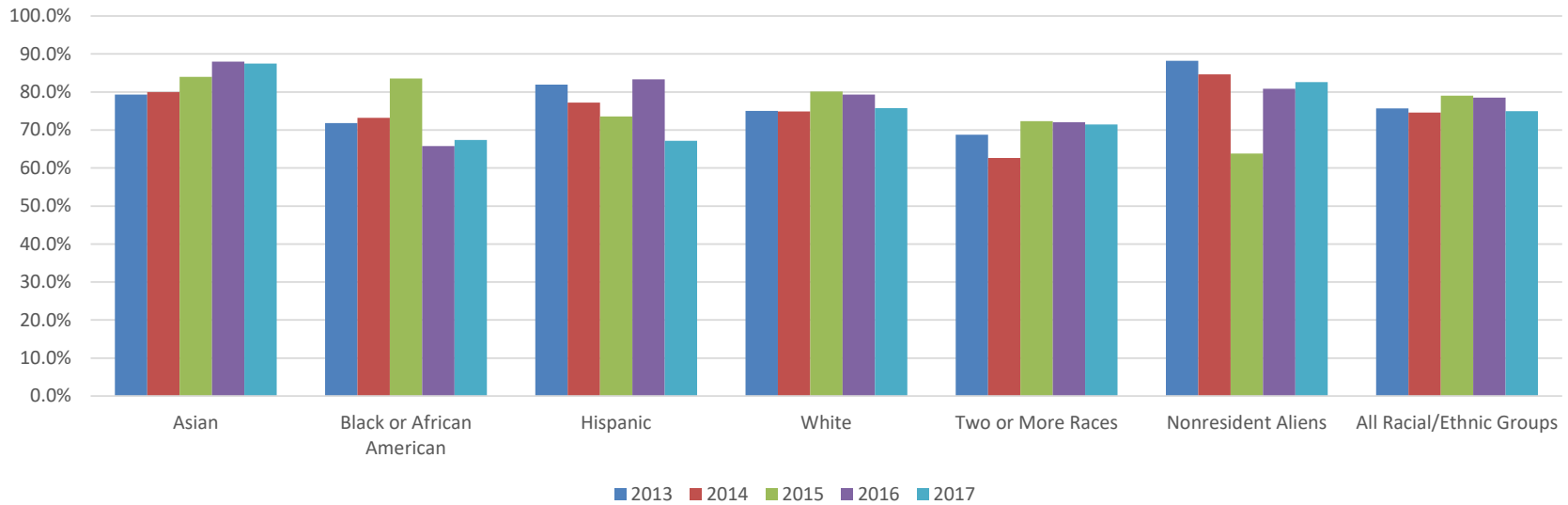
**Table 1**

#### Retention Rates for First-Time Freshmen by Racial/Ethnic Group

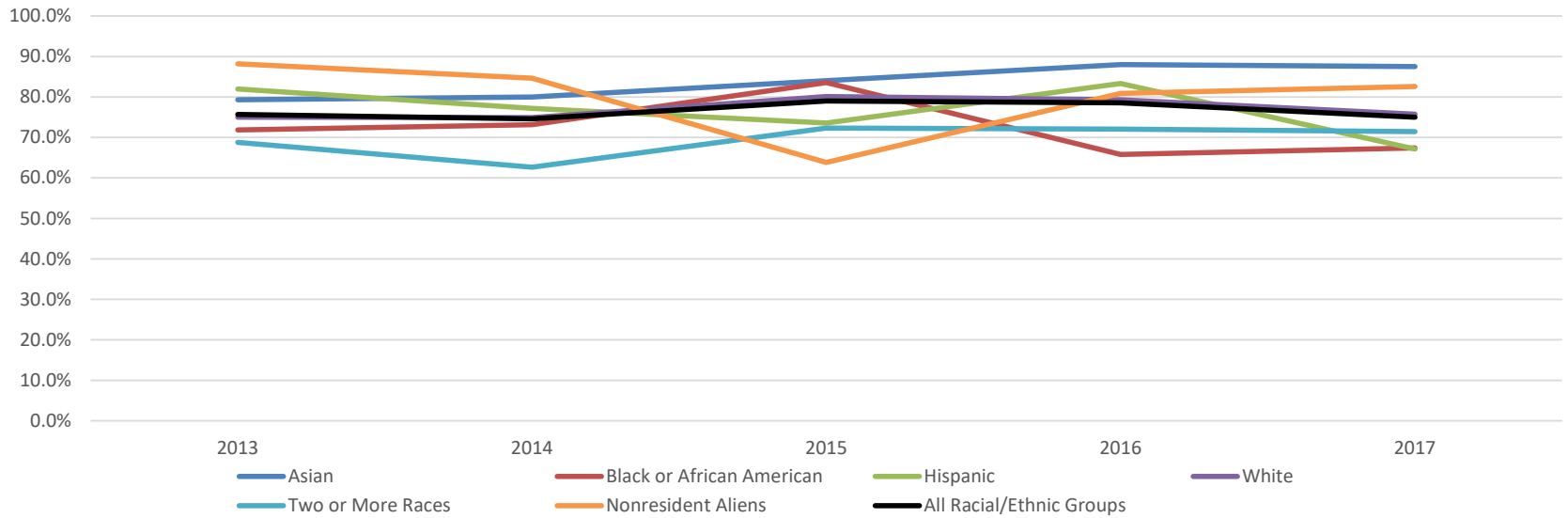
#### Fall 2013 - Fall 2017

Racial/Ethnic Group	2013	2014	2015	2016	2017
Asian	79.3%	80.0%	84.0%	88.0%	87.5%
Black or African American	71.8%	73.2%	83.6%	65.8%	67.4%
Hispanic	82.0%	77.2%	73.6%	83.3%	67.1%
White	75.0%	74.9%	80.1%	79.3%	75.8%
Two or More Races	68.8%	62.7%	72.3%	72.0%	71.4%
Nonresident Aliens	88.2%	84.6%	63.8%	80.9%	82.6%
All Racial/Ethnic Groups	75.7%	74.6%	79.0%	78.5%	75.0%

**Graph 1: One-Year Retention Rates by Race/Ethnicity**



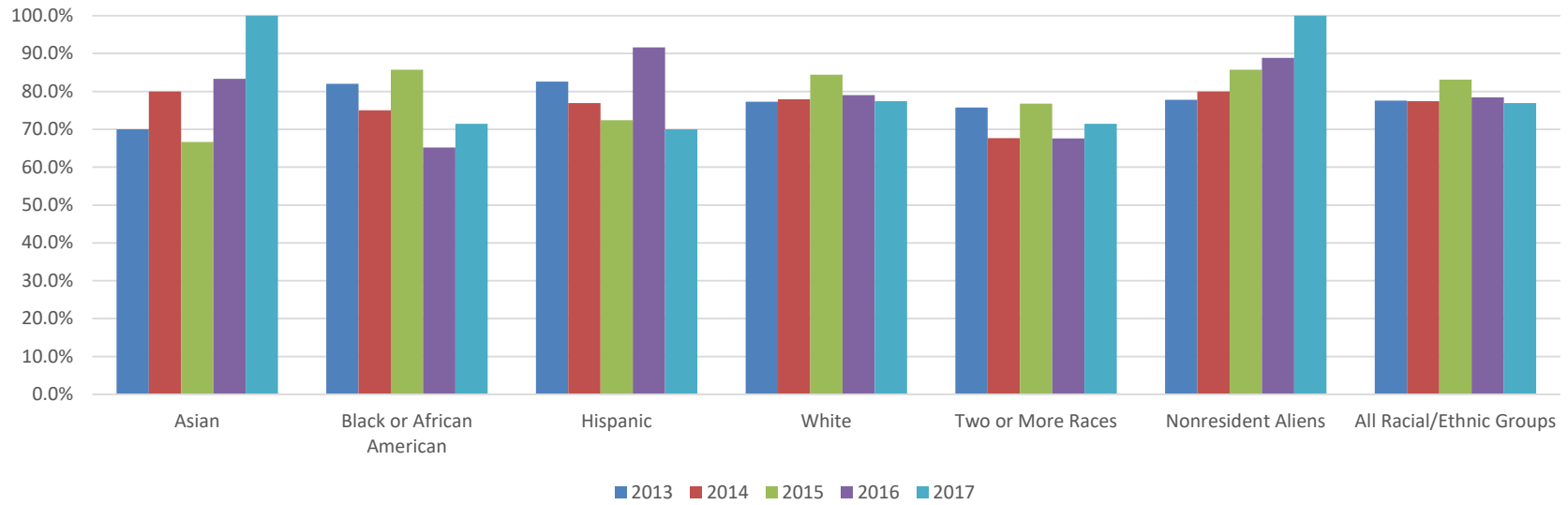
**Graph 2: One-Year Retention Rates by Race/Ethnicity and Cohort Year**



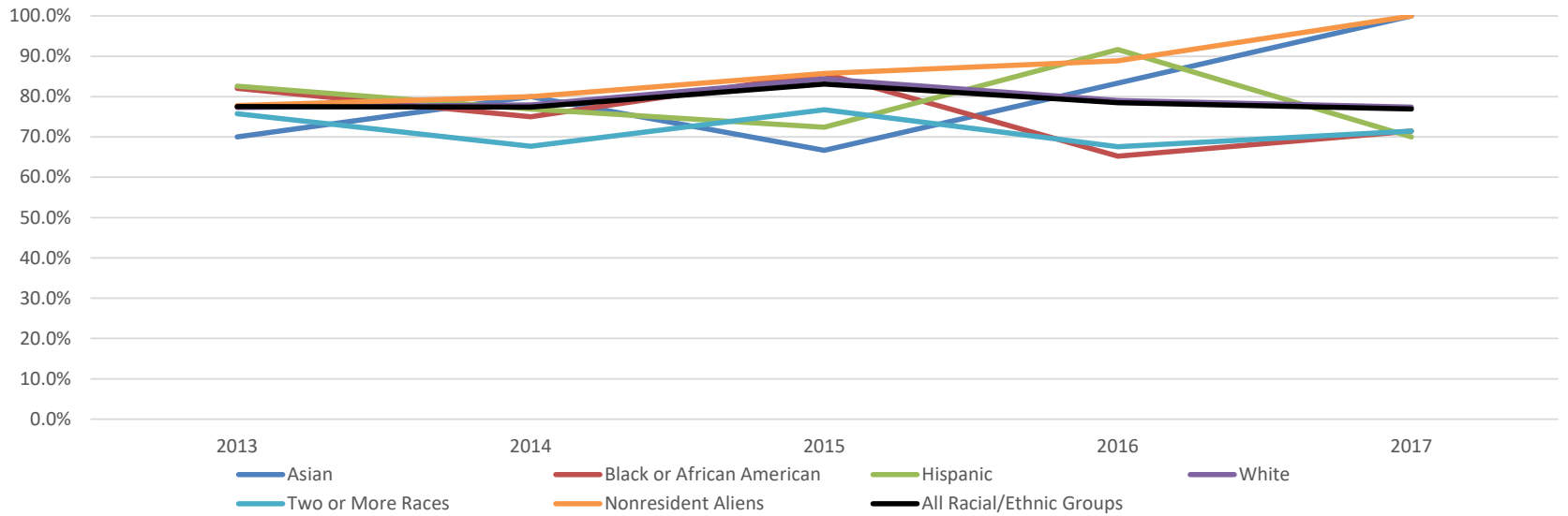
**Table 2**  
**Female**  
**One-Year Retention Rates by Race/Ethnic Group**  
**Fall 2013 – Fall 2017**

<b>Racial/Ethnic Group</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Asian	70.0%	80.0%	66.7%	83.3%	100.0%
Black or African American	82.1%	75.0%	85.7%	65.2%	71.4%
Hispanic	82.6%	76.9%	72.4%	91.7%	70.0%
White	77.3%	77.9%	84.4%	79.1%	77.4%
Two or More Races	75.8%	67.7%	76.7%	67.6%	71.4%
Nonresident Aliens	77.8%	80.0%	85.7%	88.9%	100.0%
All Racial/Ethnic Groups	77.5%	77.4%	83.1%	78.5%	76.9%

**Graph 3: Female One-Year Retention Rates by Race/Ethnicity**



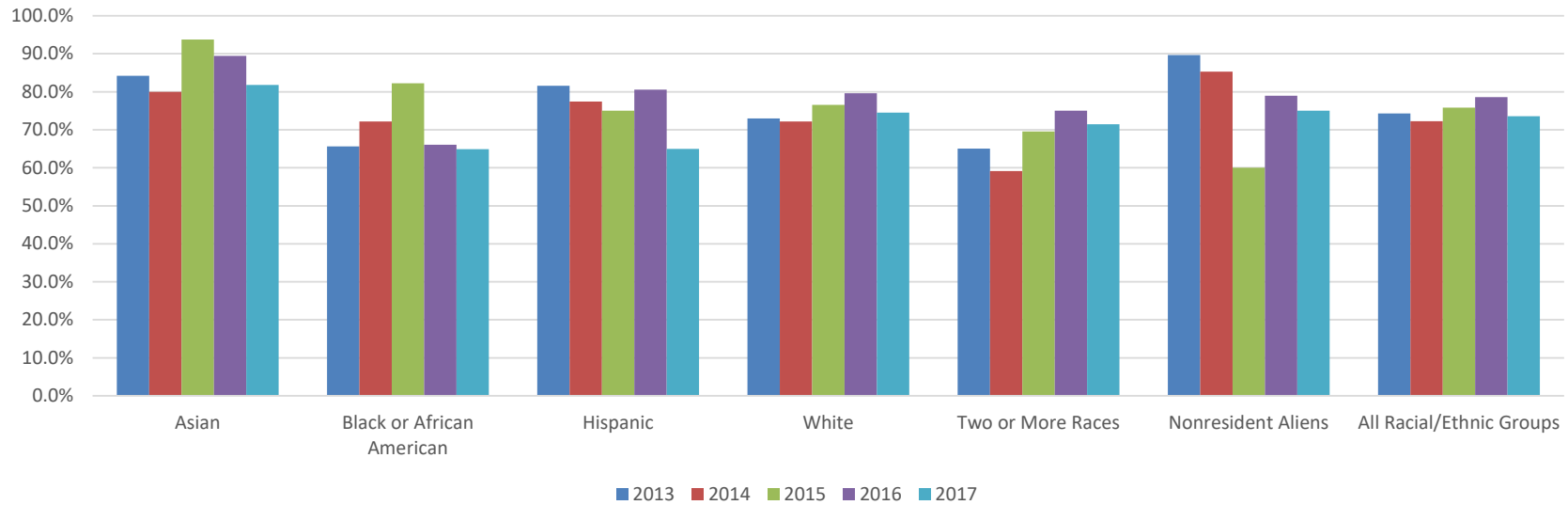
**Graph 4: Female One-Year Retention Rates by Race/Ethnicity and Cohort Year**



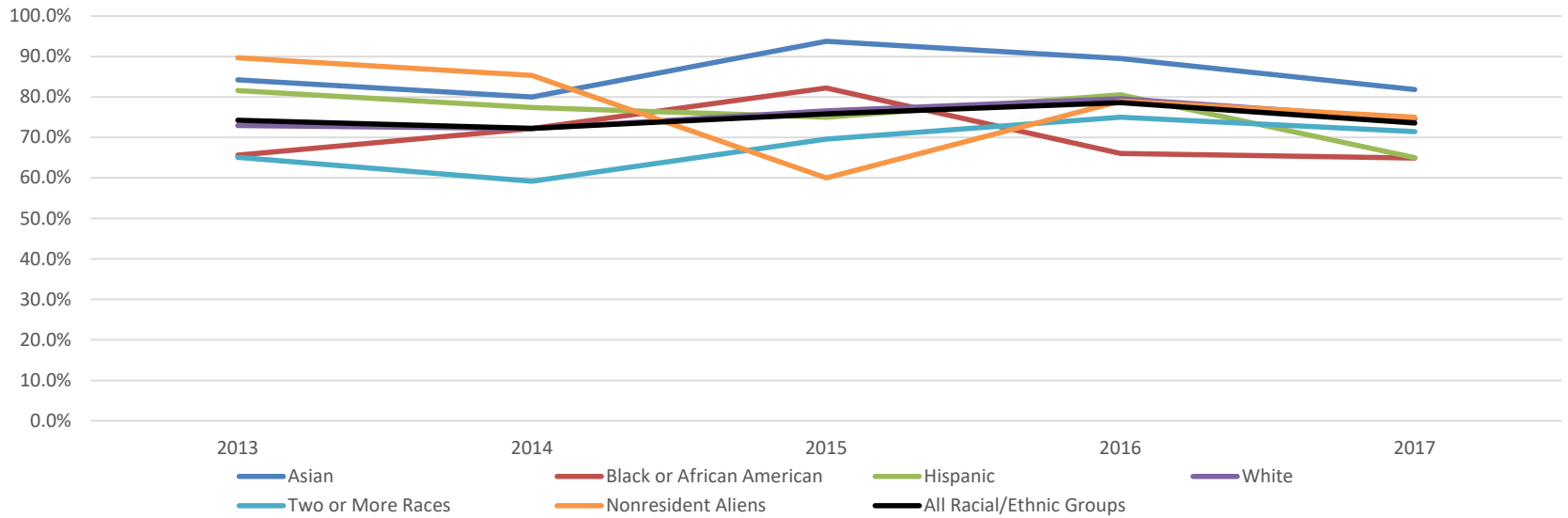
**Table 3**  
**Male**  
**One-Year Retention Rates by Race/Ethnic Group**  
**Fall 2013 – Fall 2017**

<b>Racial/Ethnic Group</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Asian	84.2%	80.0%	93.8%	89.5%	81.8%
Black or African American	65.6%	72.2%	82.2%	66.1%	64.9%
Hispanic	81.6%	77.4%	75.0%	80.6%	65.0%
White	73.0%	72.2%	76.6%	79.6%	74.5%
Two or More Races	65.1%	59.2%	69.6%	75.0%	71.4%
Nonresident Aliens	89.7%	85.3%	60.0%	79.0%	75.0%
All Racial/Ethnic Groups	74.3%	72.3%	75.8%	78.6%	73.6%

**Graph 5: Male One-Year Retention Rates by Race/Ethnicity**



**Graph 6: Male One-Year Retention Rates by Race/Ethnicity and Cohort Year**



**Table 4**  
**Retention Rates for First-Time Freshmen by Racial/Ethnic Group and Gender**  
**Fall 2017 Cohort**

Racial/Ethnic Group	All			Female			Male		
	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term
American Indian or Alaska Native	2	100.0%	100.0%	1	100.0%	100.0%	1	100.0%	100.0%
Asian	16	93.8%	87.5%	5	100.0%	100.0%	11	90.9%	81.8%
Black or African American	92	90.2%	67.4%	35	91.4%	71.4%	57	89.5%	64.9%
Hawaiian or Pacific Islander	0	0.0%	0.0%	0	0.0%	0.0%	0	0.0%	0.0%
Hispanic	70	87.1%	67.1%	30	90.0%	70.0%	40	85.0%	65.0%
White	1,441	90.4%	75.8%	620	91.3%	77.4%	821	89.5%	74.5%
Two or More Races	105	90.5%	71.4%	42	90.5%	71.4%	63	90.5%	71.4%
Race and Ethnicity Unknown	1	100.0%	100.0%	0	0.0%	0.0%	1	100.0%	100.0%
Nonresident Aliens	23	91.3%	82.6%	7	100.0%	100.0%	16	87.5%	75.0%
<b>All Racial/Ethnic Minority Groups</b>	<b>1,750</b>	<b>90.3%</b>	<b>75.0%</b>	<b>740</b>	<b>91.3%</b>	<b>76.9%</b>	<b>1,010</b>	<b>89.4%</b>	<b>73.6%</b>

**Table 5**  
**Retention Rates for First-Time Freshmen by Racial/Ethnic Group and Gender**  
**Fall 2016 Cohort**

Racial/Ethnic Group	All			Female			Male		
	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term
American Indian or Alaska Native	2	50.0%	50.0%	1	100.0%	100.0%	1	0.0%	0.0%
Asian	25	100.0%	88.0%	6	100.0%	83.3%	19	100.0%	89.5%
Black or African American	79	91.1%	65.8%	23	87.0%	65.2%	56	92.9%	66.1%
Hawaiian or Pacific Islander	0	0.0%	0.0%	0	0.0%	0.0%	0	0.0%	0.0%
Hispanic	48	91.7%	83.3%	12	91.7%	91.7%	36	91.7%	80.6%
White	1,287	92.7%	79.3%	616	91.7%	79.1%	671	93.6%	79.6%
Two or More Races	93	91.4%	72.0%	37	83.8%	67.6%	56	96.4%	75.0%
Race and Ethnicity Unknown	8	100.0%	87.5%	2	100.0%	100.0%	6	100.0%	83.3%
Nonresident Aliens	47	85.1%	80.9%	9	77.8%	88.9%	38	86.8%	79.0%
<b>All Racial/Ethnic Minority Groups</b>	<b>1,589</b>	<b>92.4%</b>	<b>78.5%</b>	<b>706</b>	<b>91.08%</b>	<b>78.5%</b>	<b>883</b>	<b>93.4%</b>	<b>78.6%</b>

**Table 6**  
**Retention Rates for First-Time Freshmen by Racial/Ethnic Group and Gender**  
**Fall 2015 Cohort**

Racial/Ethnic Group	All			Female			Male		
	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term
American Indian or Alaska Native	1	100.0%	100.0%	0	0.0%	0.0%	1	100.0%	100.0%
Asian	25	92.0%	84.0%	9	77.8%	66.7%	16	100.0%	93.8%
Black or African American	73	98.6%	83.6%	28	100.0%	85.7%	45	97.8%	82.2%
Hawaiian or Pacific Islander	1	0.0%	0.0%	1	0.0%	0.0%	0	0.0%	0.0%
Hispanic	53	88.7%	73.6%	29	89.7%	72.4%	24	87.5%	75.0%
White	1,262	92.1%	80.1%	570	92.8%	84.4%	692	91.5%	76.6%
Two or More Races	112	90.2%	72.3%	43	93.0%	76.7%	69	88.4%	69.6%
Race and Ethnicity Unknown	3	100.0%	66.7%	0	0.0%	0.0%	3	100.0%	66.7%
Nonresident Aliens	47	85.1%	63.8%	7	85.7%	85.7%	40	85.0%	60.0%
<b>All Racial/Ethnic Minority Groups</b>	<b>1,577</b>	<b>91.9%</b>	<b>79.0%</b>	<b>687</b>	<b>92.6%</b>	<b>83.1%</b>	<b>890</b>	<b>91.4%</b>	<b>75.8%</b>

**Table 7**  
**Retention Rates for First-Time Freshmen by Racial/Ethnic Group and Gender**  
**Fall 2014 Cohort**

Racial/Ethnic Group	All			Female			Male		
	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term
American Indian or Alaska Native	2	100.0%	50.0%	0	0.0%	0.0%	2	100.0%	50.0%
Asian	25	88.0%	80.0%	10	80.0%	80.0%	15	93.3%	80.0%
Black or African American	82	91.5%	73.2%	28	96.4%	75.0%	54	88.9%	72.2%
Hawaiian or Pacific Islander	1	100.0%	0.0%	1	100.0%	0.0%	0	0.0%	0.0%
Hispanic	57	93.0%	77.2%	26	92.3%	76.9%	31	93.6%	77.4%
White	1,578	90.6%	74.9%	747	92.0%	77.9%	831	89.3%	72.2%
Two or More Races	83	89.2%	62.7%	34	94.1%	67.7%	49	85.7%	59.2%
Race and Ethnicity Unknown	7	85.7%	85.7%	3	100.0%	100.0%	4	75.0%	75.0%
Nonresident Aliens	39	92.3%	84.6%	5	100.0%	80.0%	34	91.2%	85.3%
<b>All Racial/Ethnic Minority Groups</b>	<b>1,874</b>	<b>90.6%</b>	<b>74.6%</b>	<b>854</b>	<b>92.2%</b>	<b>77.4%</b>	<b>1,020</b>	<b>89.3%</b>	<b>72.3%</b>



**Table 8**  
**Retention Rates for First-Time Freshmen by Racial/Ethnic Group and Gender**  
**Fall 2013 Cohort**

	<b>All</b>			<b>Female</b>			<b>Male</b>		
Racial/Ethnic Group	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term	First Fall Term	First Spring Term	Second Fall Term
American Indian or Alaska Native	1	100.0%	0.0%	0	0.0%	0.0%	1	100.0%	0.0%
Asian	29	100.0%	79.3%	10	100.0%	70.0%	19	100.0%	84.2%
Black or African American	103	96.1%	71.8%	39	97.4%	82.1%	64	95.3%	65.6%
Hawaiian or Pacific Islander	0	0.0%	0.0%	0	0.0%	0.0%	0	0.0%	0.0%
Hispanic	61	95.1%	82.0%	23	91.3%	82.6%	38	97.4%	81.6%
White	1,720	90.8%	75.0%	802	91.7%	77.3%	918	90.0%	73.0%
Two or More Races	96	91.7%	68.8%	33	100.0%	75.8%	63	87.3%	65.1%
Race and Ethnicity Unknown	4	100.0%	75.0%	1	100.0%	100.0%	3	100.0%	66.7%
Nonresident Aliens	144	93.8%	88.2%	18	94.4%	77.8%	126	93.7%	89.7%
<b>All Racial/Ethnic Minority Groups</b>	<b>2,158</b>	<b>91.5%</b>	<b>75.7%</b>	<b>926</b>	<b>92.3%</b>	<b>77.5%</b>	<b>1,232</b>	<b>90.9%</b>	<b>74.3%</b>