



Mining the data: What we know about FHDA students

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Institutional Research and Planning

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IR Administrative Unit Outcomes (AUOs)

- Articulate 3 questions important to ask when starting a research project at FHDA.
- Interpret and draw correct conclusions from a cross tabulation of descriptive statistics such as course success rates by ethnicity.
- Utilize data provided by the IR office to enhance programs and services.



Test Your Knowledge.....

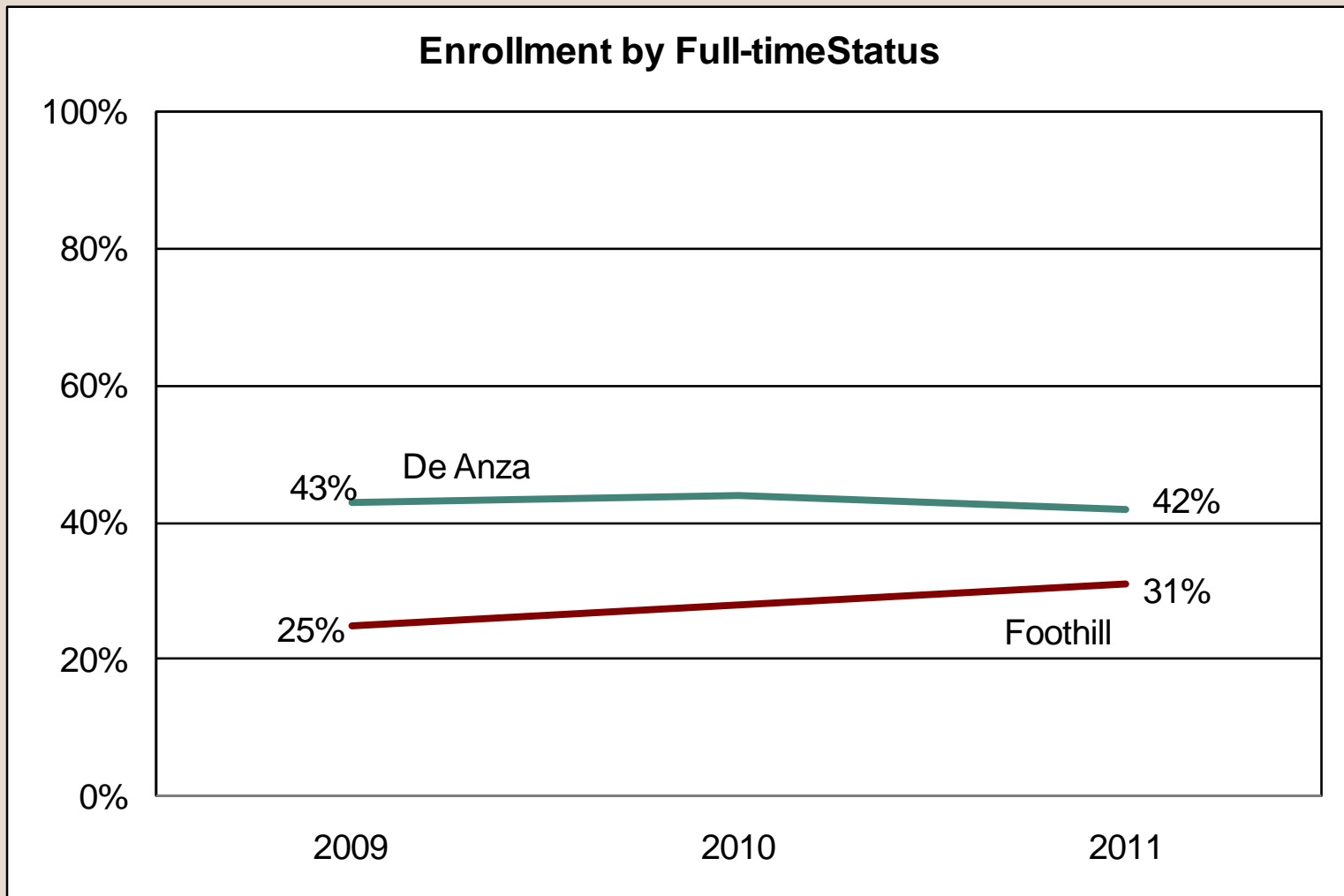
- Fill in the PREDICTED column to questions 1-10.
- Throughout the presentation, fill in the ACTUAL column on your own sheet.
- At the end of the presentation compare your predicted answers to the actual answers.
- Share your answers, win prizes.



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Student Characteristics

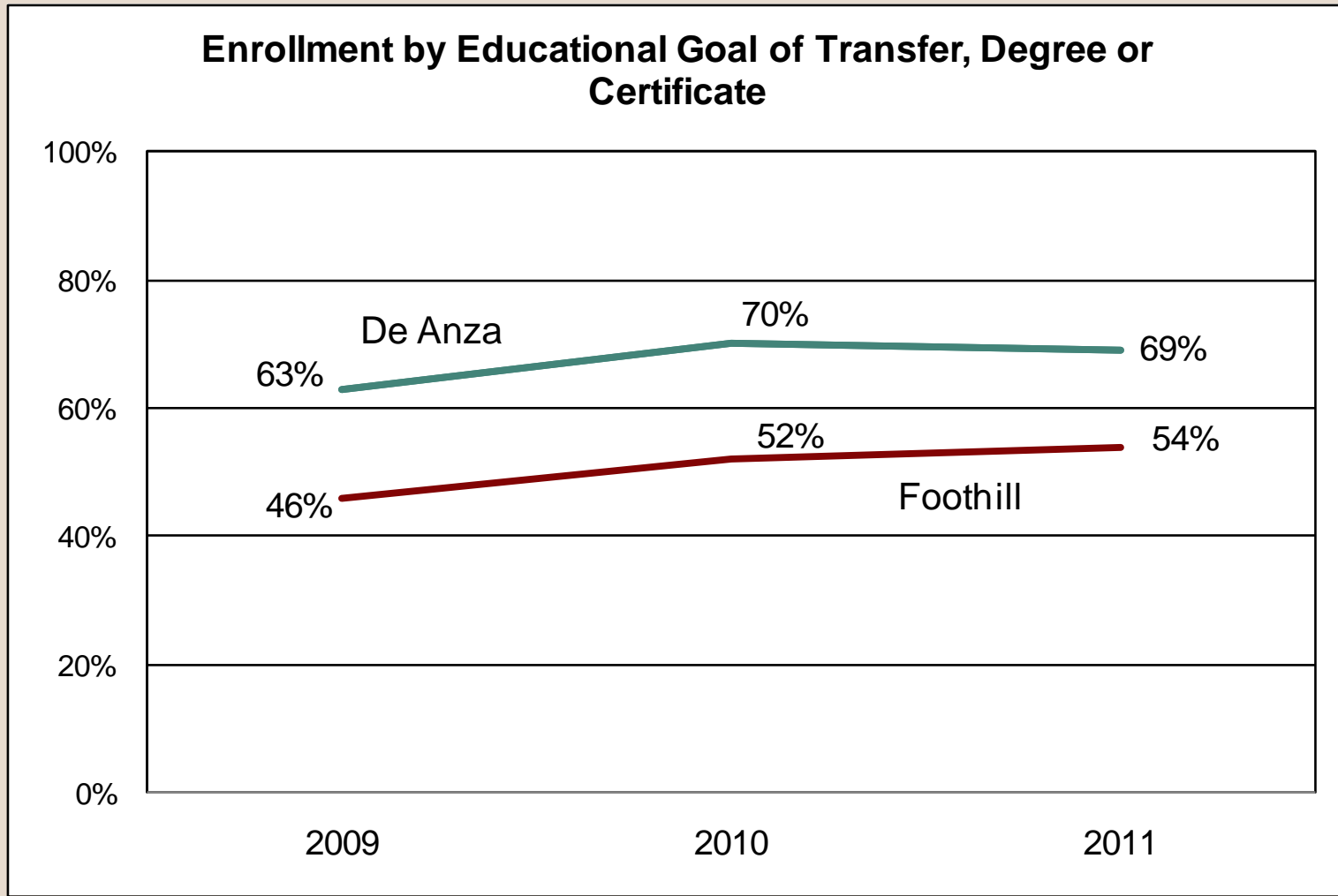
What is the three year trend in full-time status at both colleges?



Based on fall enrollment.

Source: FHDA IR&P

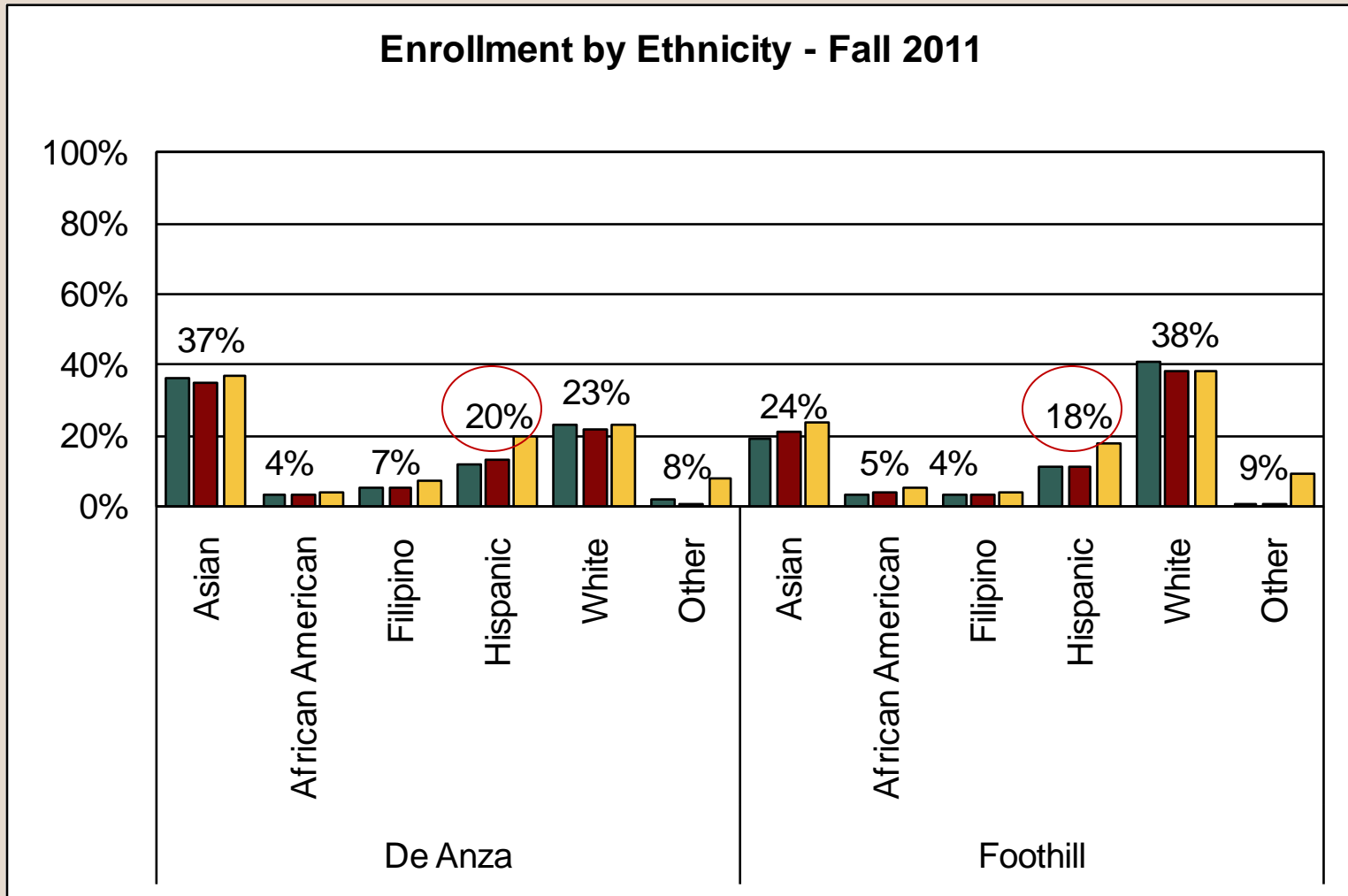
What is the three year trend in educational goal at each college?



Based on fall enrollment.

Source: FHDA IR&P

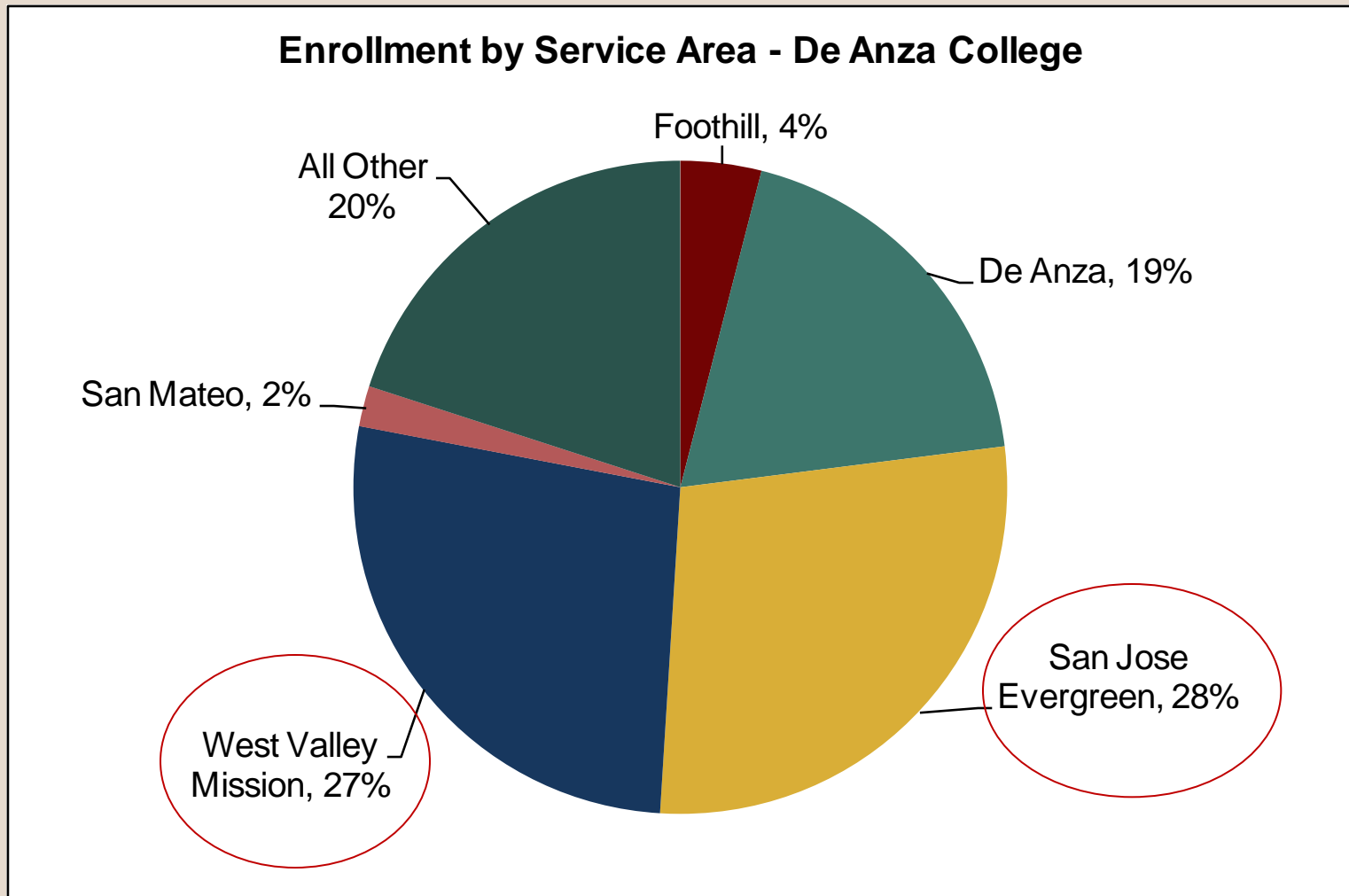
What ethnic groups does each college serve?



Native American and Pacific Islander not graphed.

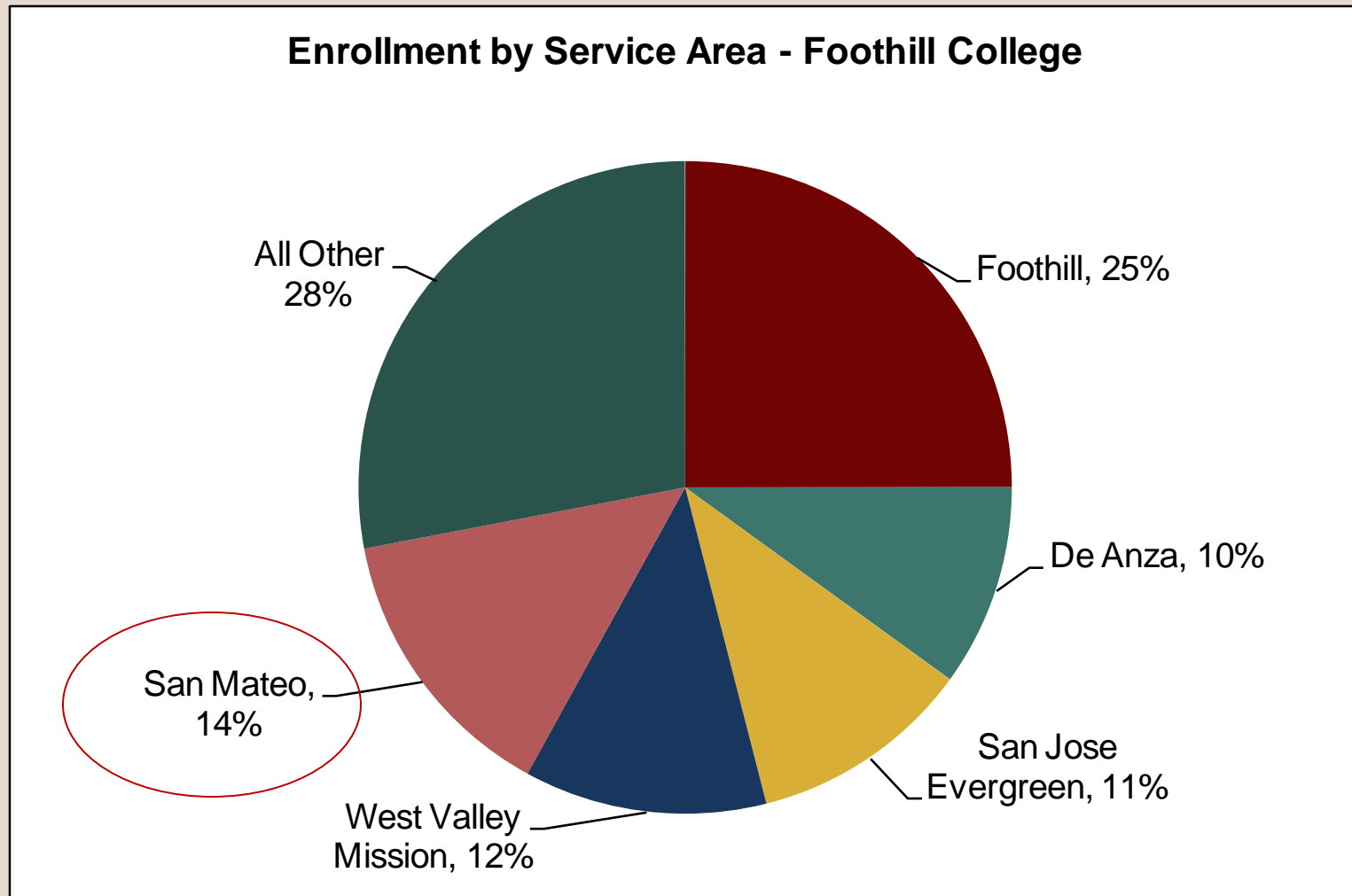
Source: FHDA IR&P

Which service areas feed into De Anza College?



Fall 2011, Source: FHDA IR&P

Which service areas feed into Foothill College?



Fall 2011, Source: FHDA IR&P

Activity: What is the distribution of Latino students by zip code?

Zip Codes with 100 or more FHDA Latino Students (Unduplicated, 2011-12)

Neighborhood / Street / Location	Zip Code	De Anza	Foothill	Total
Alum Rock	95127	425	89	514
Blossom Hill	95123	298	88	386
East Palo Alto	94303	100	282	382
Seven Trees and Serenede (East of 880)	95111	313	62	375
Tully	95122	298	55	353
Sunnyvale Middle	94086	215	114	329
Northside (East of 880)	95112	262	55	317
Santa Clara	95051	227	80	307
Brookwood South (East of 880)	95116	237	58	295
Capitol Expwy	95136	222	43	265
Sunnyvale Bordering Cupertino	94087	180	69	249
Quimby	95148	183	46	229
Willow Glen	95125	169	57	226
Fruitdale/Valley Fair	95128	172	48	220
W San Carlos	95126	170	39	209
Santa Clara	95050	147	54	201
North of Los Gatos	95124	154	34	188
Winchester	95117	143	34	177
Milpitas	95035	118	52	170
Dentwood-Southbridge (East of 880)	95118	137	32	169
Cambell	95008	135	28	163
Redwood City	94063	23	140	163
Yerba Buena	95121	136	22	158
Sunnyvale North	94089	102	54	156
Rose Garden	95110	116	29	145
West San Jose	95129	112	29	141
Redwood City	94061	20	114	134
Berryessa	95132	104	22	126

While a large percentage of Latino/a students attending De Anza live in East SJ, they also live in Sunnyvale, Santa Clara, West and South San Jose.

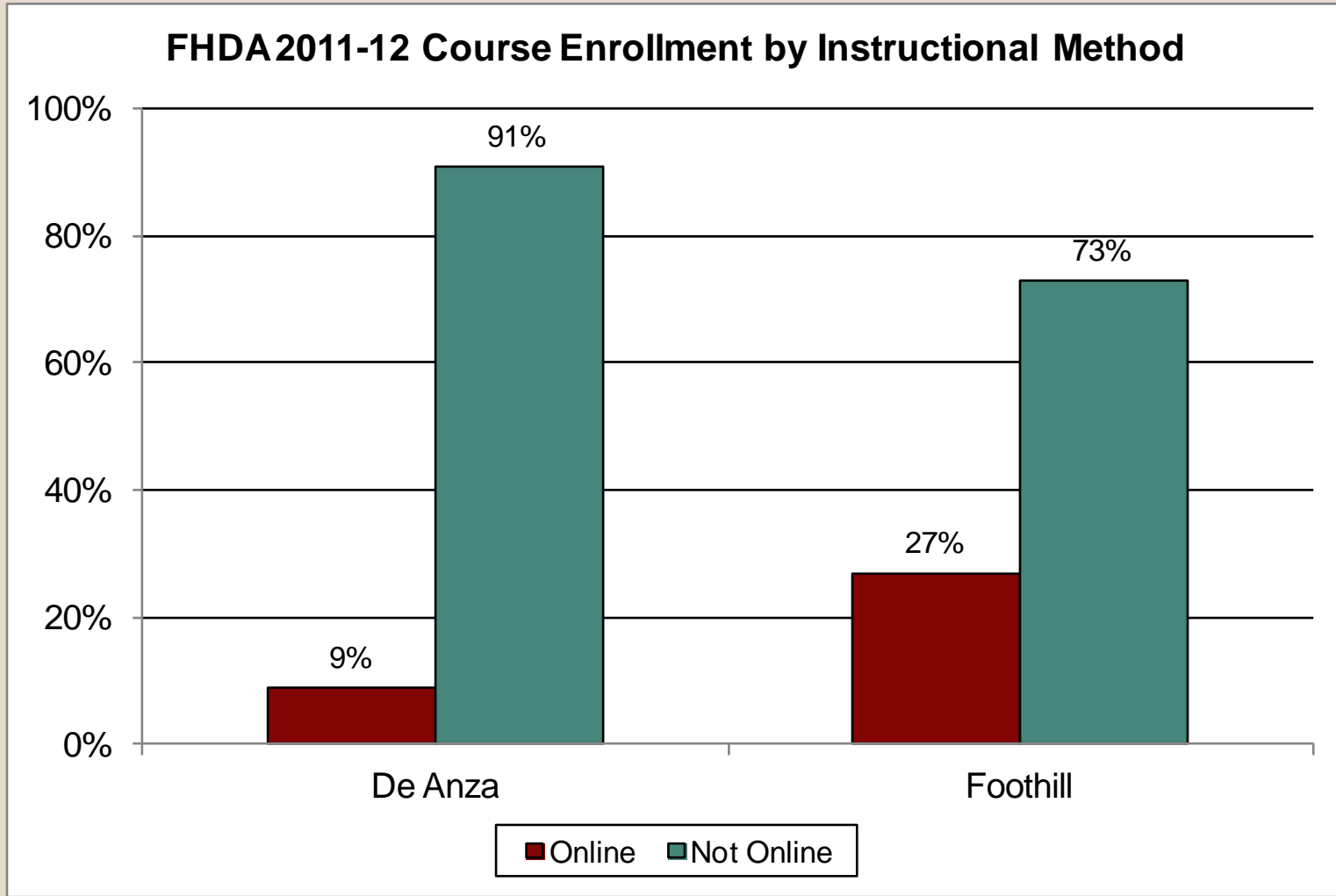
Latino/a students attending Foothill live primarily in East Palo Alto, Redwood City and Sunnyvale.



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Online Education

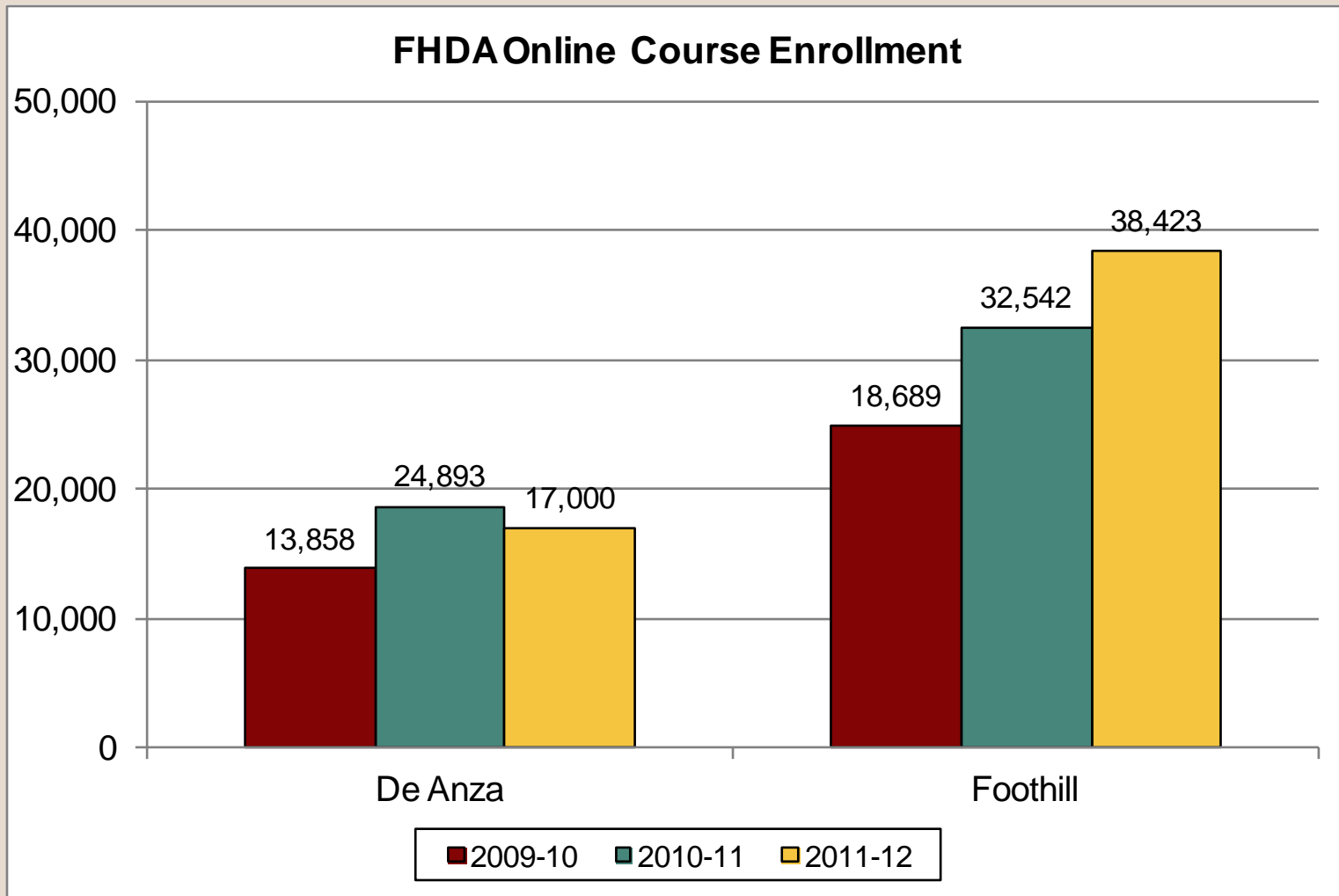
What percentage of course offerings does online instruction represent?



De Anza=196,578; Foothill=141,538.

Source: FHDA IR&P

What is the three-year online enrollment trend?



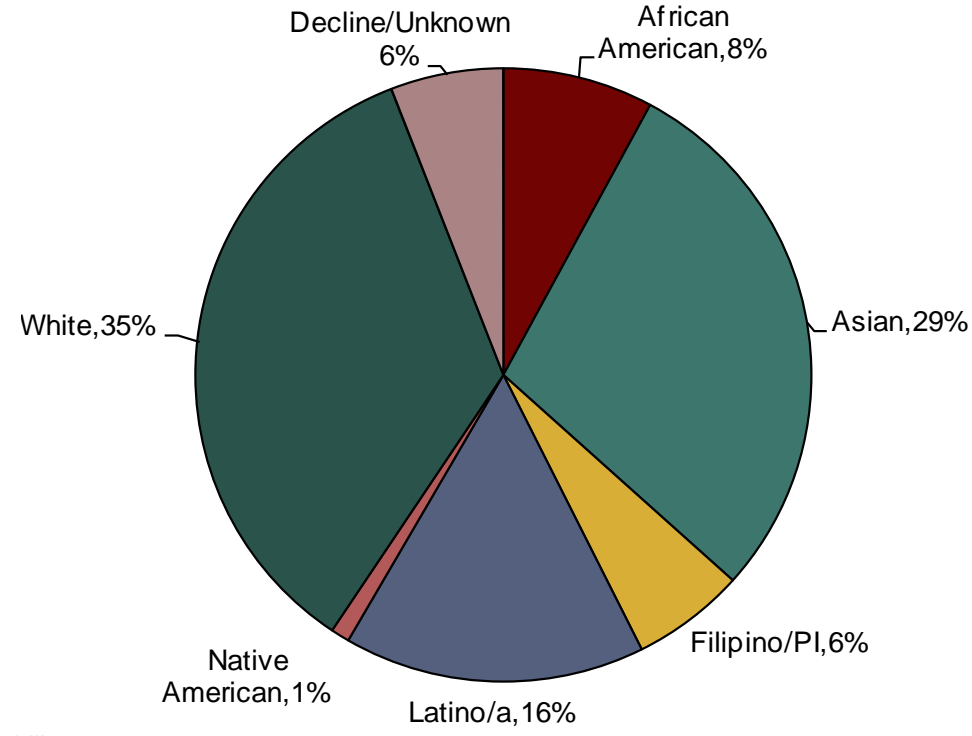
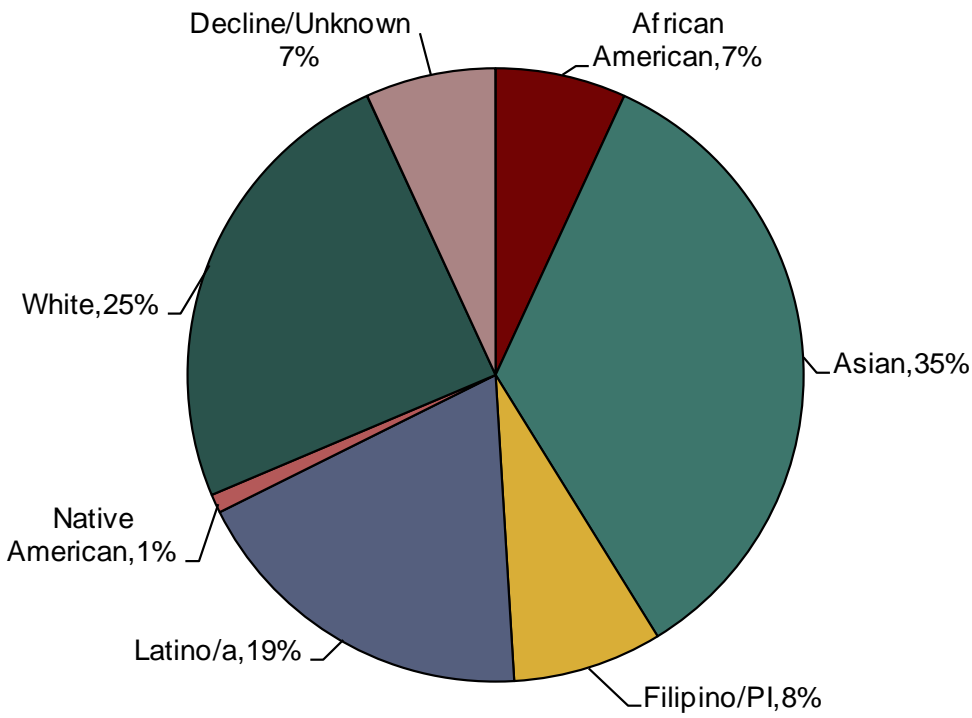
Source: FHDA IR&P



What is the ethnic breakdown among online students?

De Anza 2011-12 Online Enrollment by Ethnicity

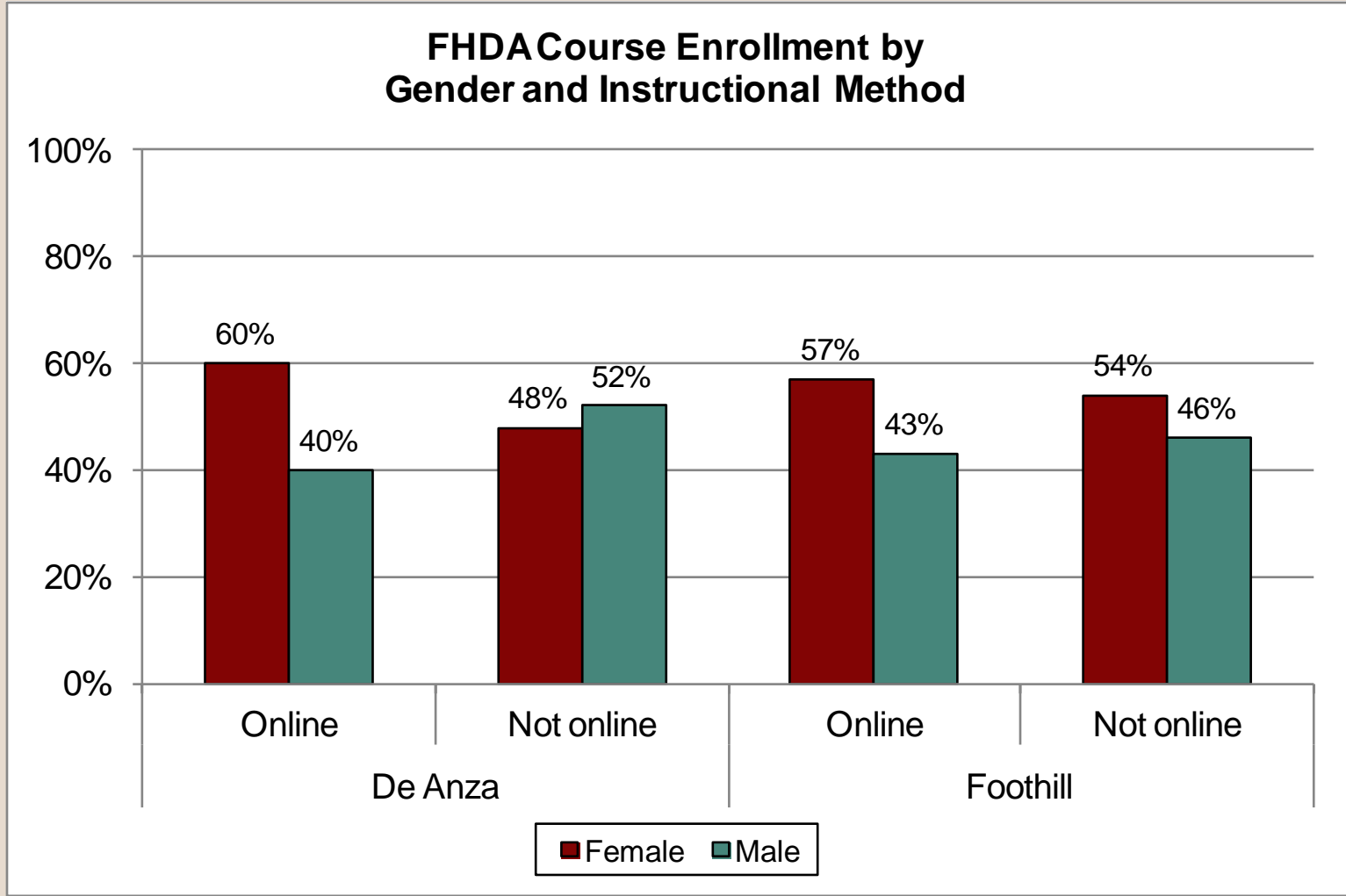
Foothill 2011-12 Online Enrollment by Ethnicity



De Anza=16,990; Foothill=38,423

Source: FHDA IR&P

What is the gender breakdown among online students?

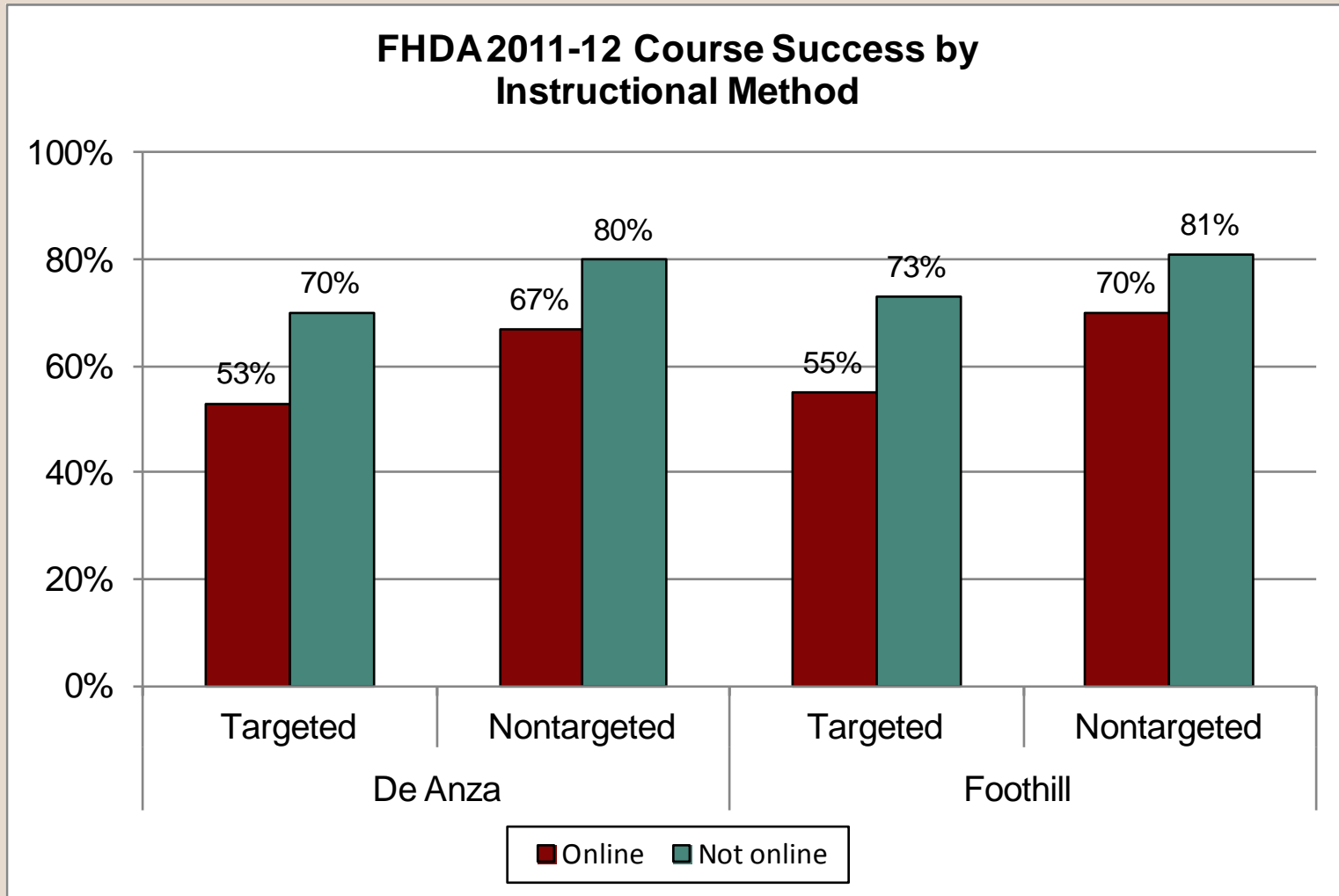


De Anza online=16,938; De Anza not online=176,695; Foothill online=38,179; Foothill not online=102,427

Decline to State/Unknown not reported.

Source: FHDA IR&P

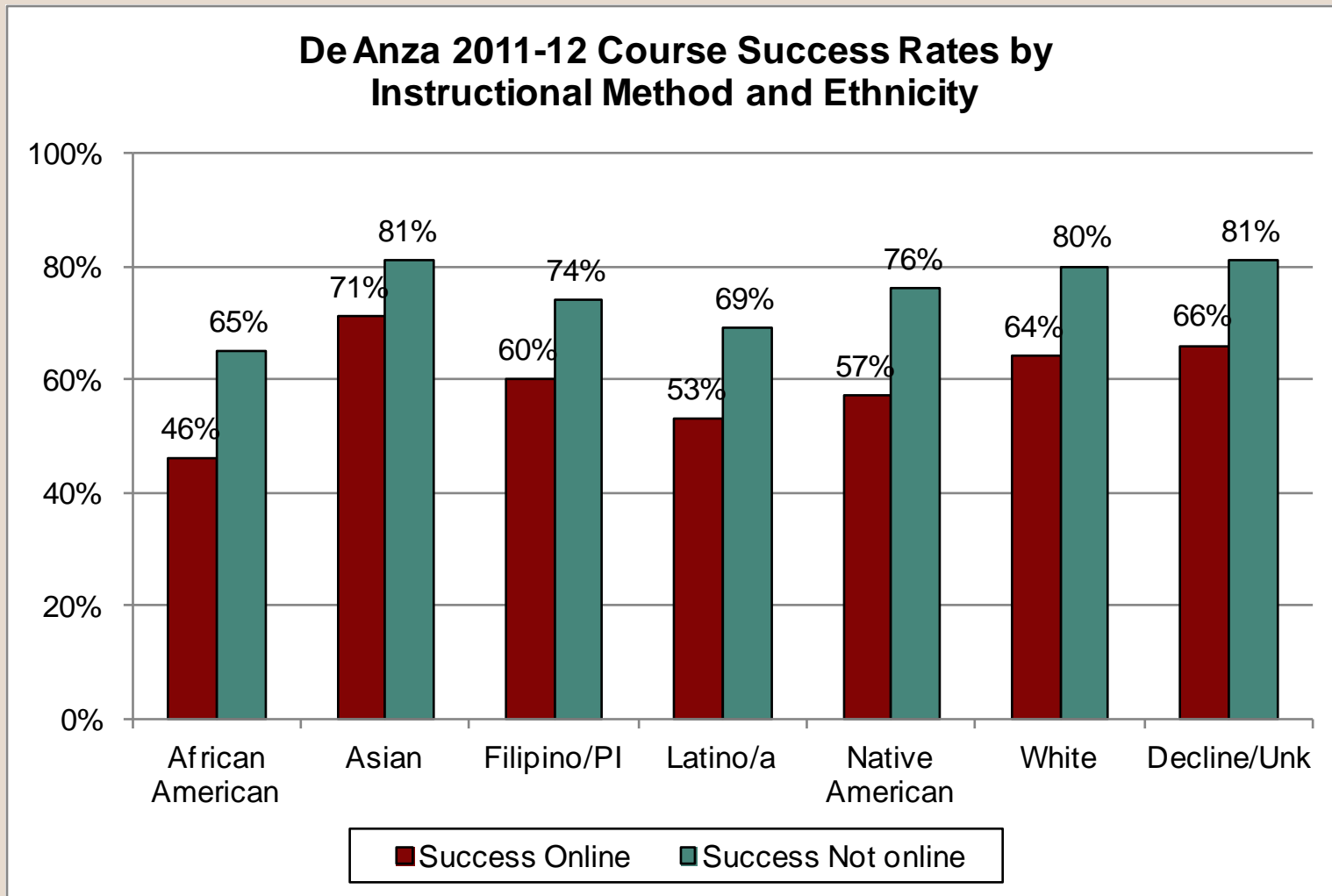
What are the course success rates by instructional method?



De Anza=196,578; DA targeted groups online=5,344; DA targeted groups not online=53,043; DA nontargeted groups online=11,653; DA nontargeted groups not online=126,538; Foothill=141,538; FH targeted groups online=27,556; FH targeted groups not online=28,174; FH nontargeted groups online=27,556; FH nontargeted groups not online=74,941. Targeted groups include African American, Latino/a and Filipino.

Source: FHDA IR&P

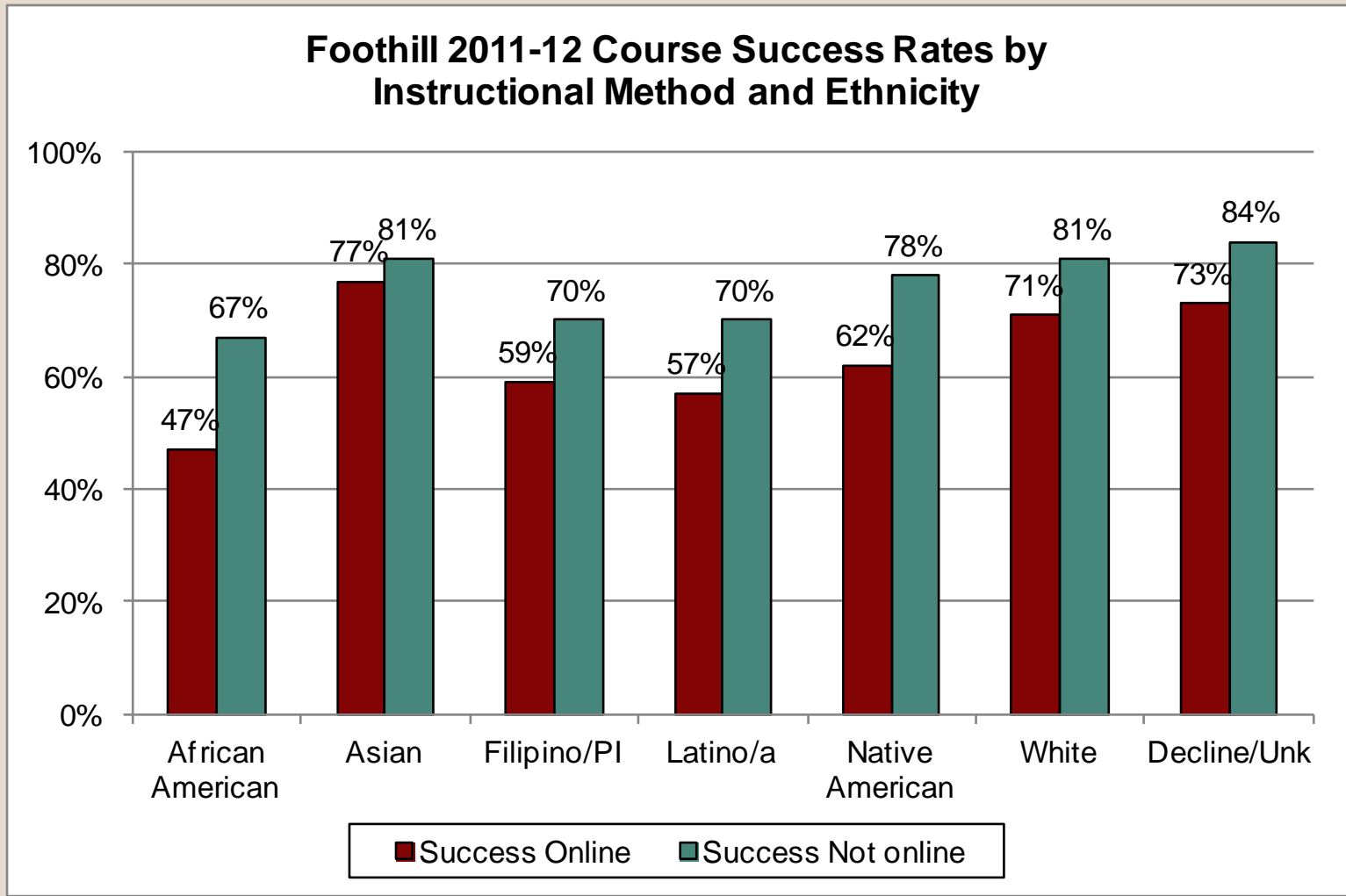
De Anza – What are the course success rates by instructional method and ethnicity?



De Anza total enrollment=196,578; African American online=1,123; African American not online=7,543; Asian online=5,912; Asian not online=72,594; Filipino/PI online=1,308; Filipino not online=12,763; Latino/a online=3,166; Latino/a not online=35,231; Native American online=207; Native American not online=1,549; White online=4,161; White not online=36,923; Decline to state/Unknown online=1,120; Decline to state/Unknown not online=12,978 Source: FHDA IR&P



Foothill – What are the course success rates by instructional method and ethnicity?



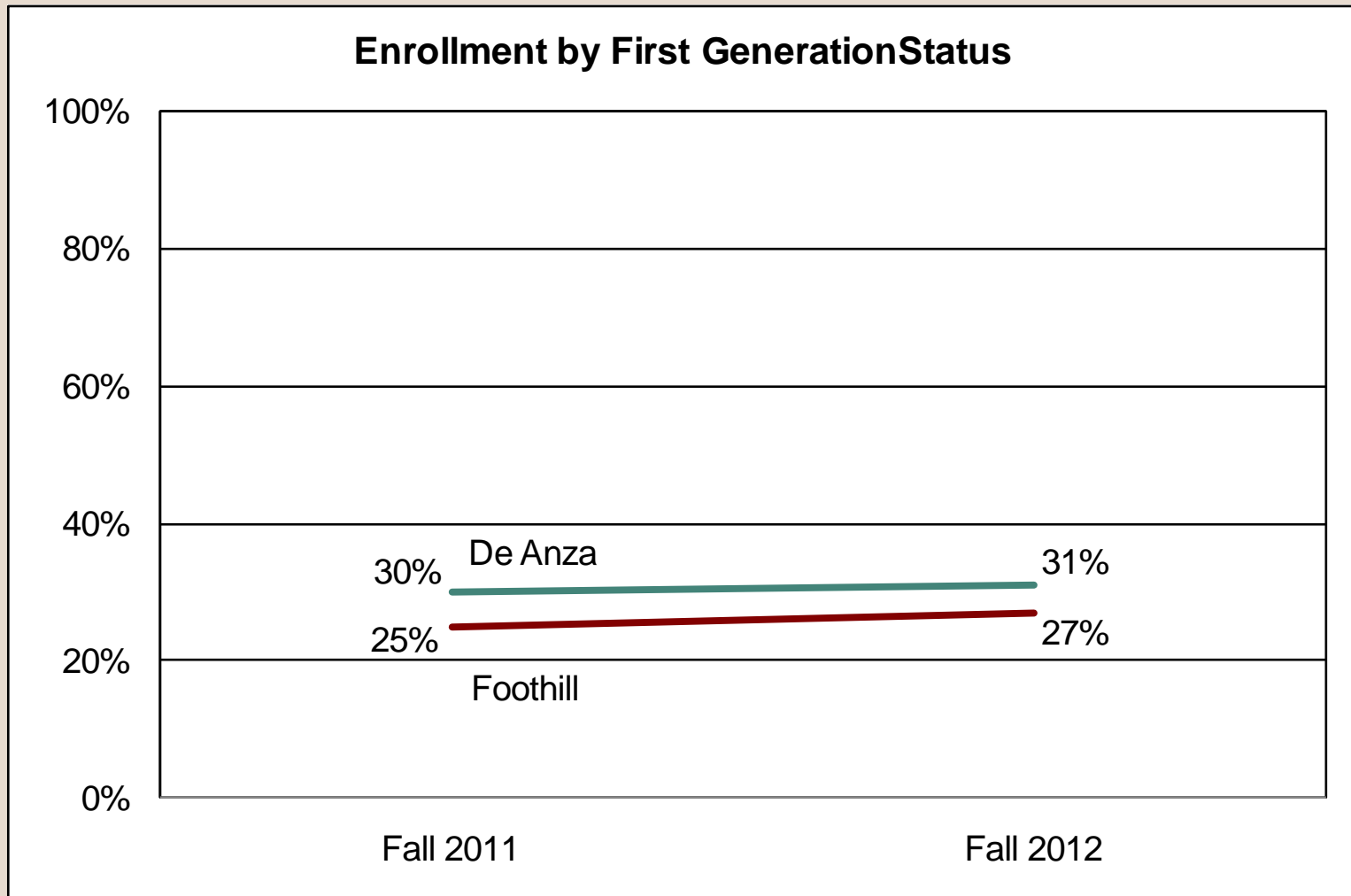
Foothill total enrollment=141,538; African American online=2,972; African American not online=4,868; Asian online=10,970; Asian not online=29,902; Filipino/PI online=2,297; Filipino not online=5,831; Latino/a online=6,054; Latino/a not online=18,737; Native American online=358; Native American not online=879; White online=13,457; White not online=33,956; Decline to state/Unknown online=2,324; Decline to state/Unknown not online=8,942 Source: FHDA IR&P



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CCCApply Application

What percent are first-generation college students?



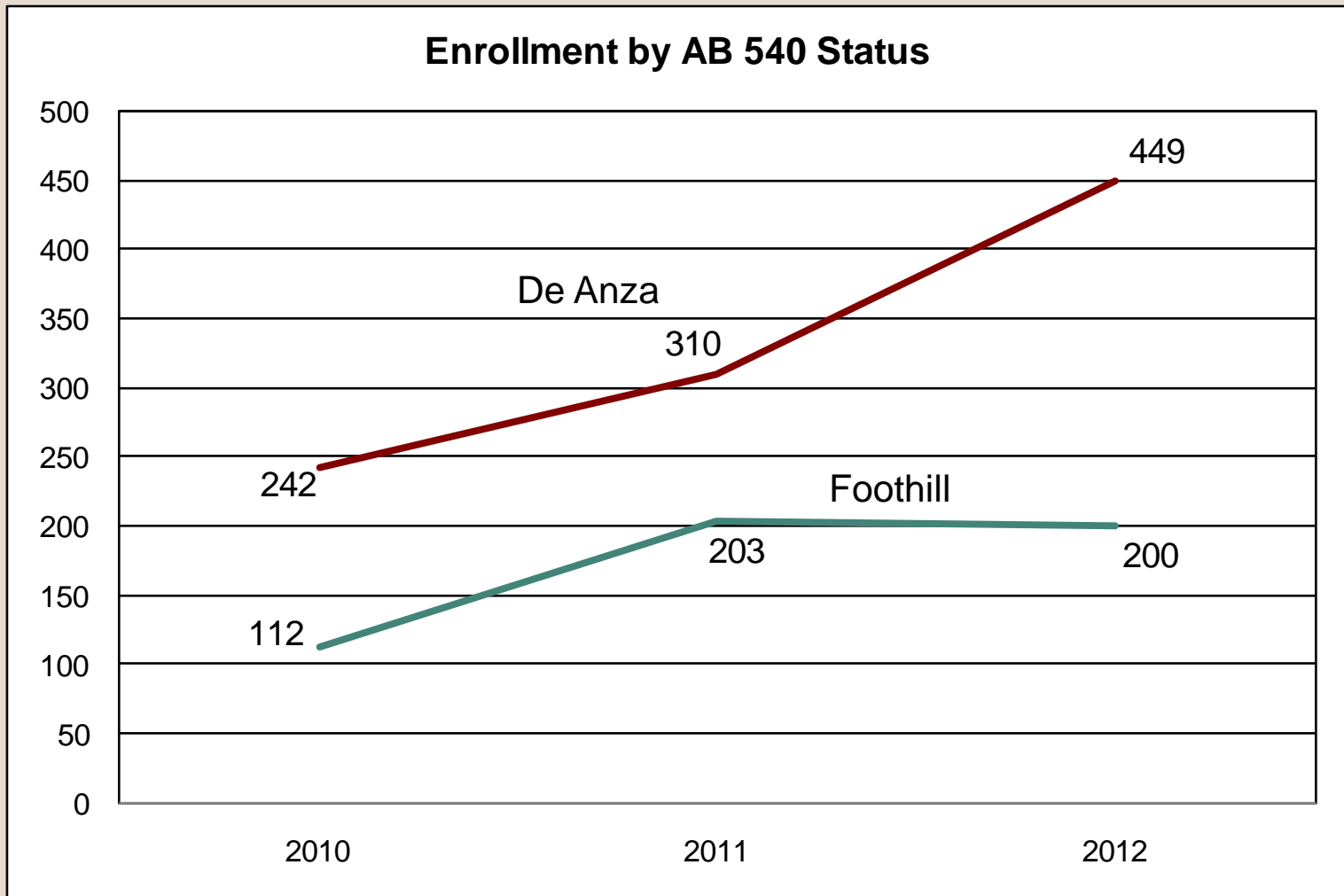
CCCApply - students who applied on or after 2011W and enrolled in 2011F or 2012F. Fall 2012 DA = 18,123, FH = 11,824

NCES definition of first generation: Those whose parents' highest level of education is a high school diploma or less.

In cases where parents have different levels of education, the maximum education level of either parent determines how the student is categorized. Source: FHDA IR&P



How many of our students are AB 540 students?

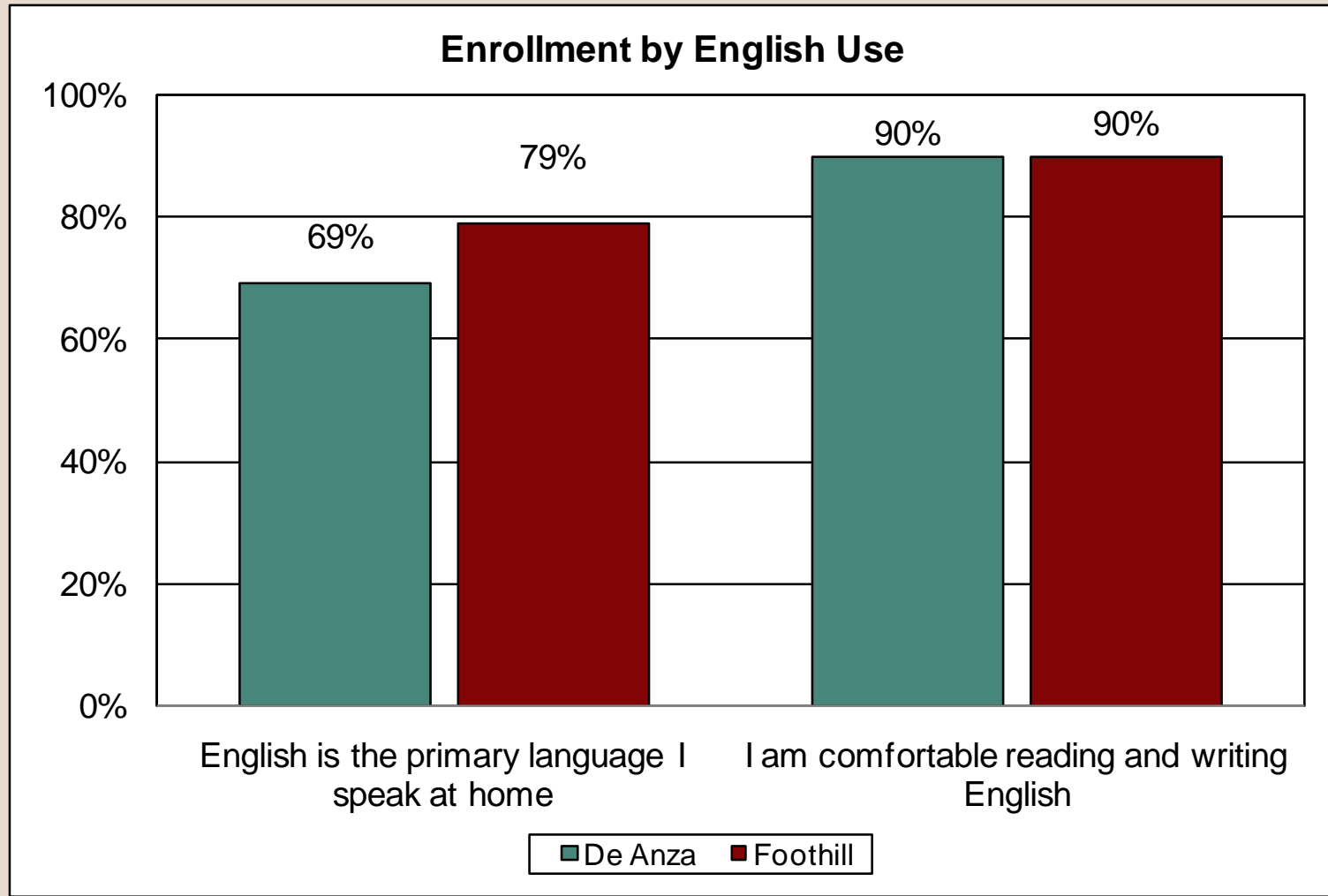


Based on fall enrollment.

Source: FHDA IR&P

AB 540 is a CA Assembly bill that passed 10/2001 that allows undocumented students who meet certain requirements to pay in-state rather than out-of-state tuition at CA higher education institutions. These requirements include: 1) Attended a CA HS for 3 or more years, 2) Received a GED or equivalent, 3) Registered or enrolled in a CA public higher education institution, 4) File or plan to file as required by individual institutions, that student will apply for legal residency as soon as possible, and 5) Not hold a valid non-immigrant visa (F, J, H, L, A, E, etc.). Source: www.ab540.com

What is the English language use of our students?



CCCApply - students who applied on or after 2011W and enrolled in 2012F.
De Anza total N=19,335, Foothill total N = 12,454, Source: FHDA IR&P



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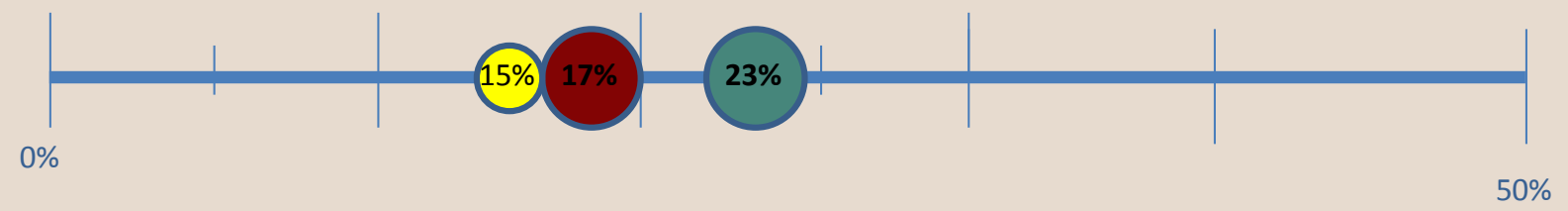
Community College Survey of Student Engagement (CCSSE) Spring 2012



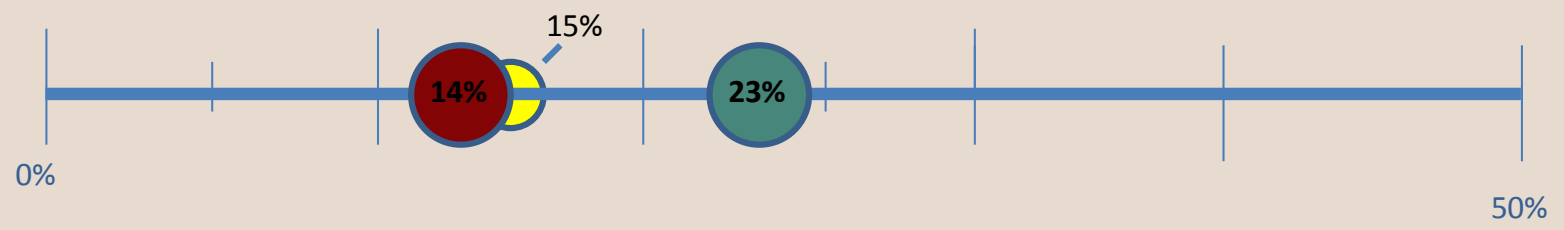
Question: How many hours do you spend in a 7-day week preparing for class (studying, homework, rehearsing, reading, writing)?

Full-time students who spend over 21 hours per week preparing for all classes

Developmental Students



Non Developmental Students



- De Anza
- Foothill
- 2012 CCSSE Cohort of full-time students



Question: How often do you use academic advising/planning?

Ethnicity	<u>De Anza</u>		<u>Foothill</u>	
	Respondents	Percent	Respondents	Percent
African American	14	56%	19	58%
Asian /PI	387	58%	199	60%
Latino/a	112	52%	92	60%
White	129	53%	136	48%
Other	78	56%	46	45%

Includes students who selected often or sometimes. Other includes Native American, Other, Decline to state.
 Total respondents DA=1,286; FH=904. DA: African American=25, Asian/PI=663, Latino=215, White=224,
 Other=139; FH: African American=33, Asian/PI=329, Latino=154, White=286, Other=102.

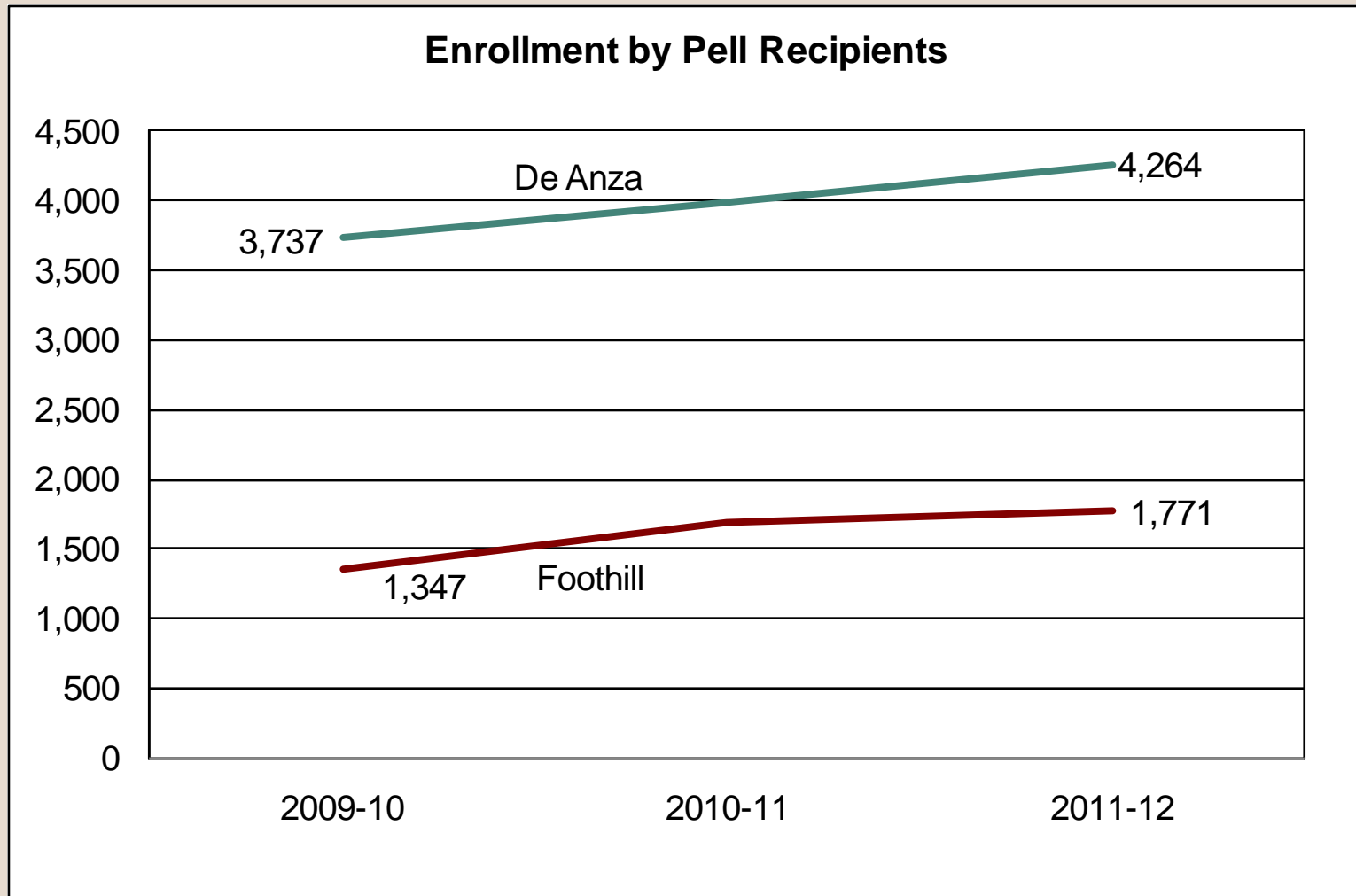
Source: FHDA IR&P, CCSSE 2012



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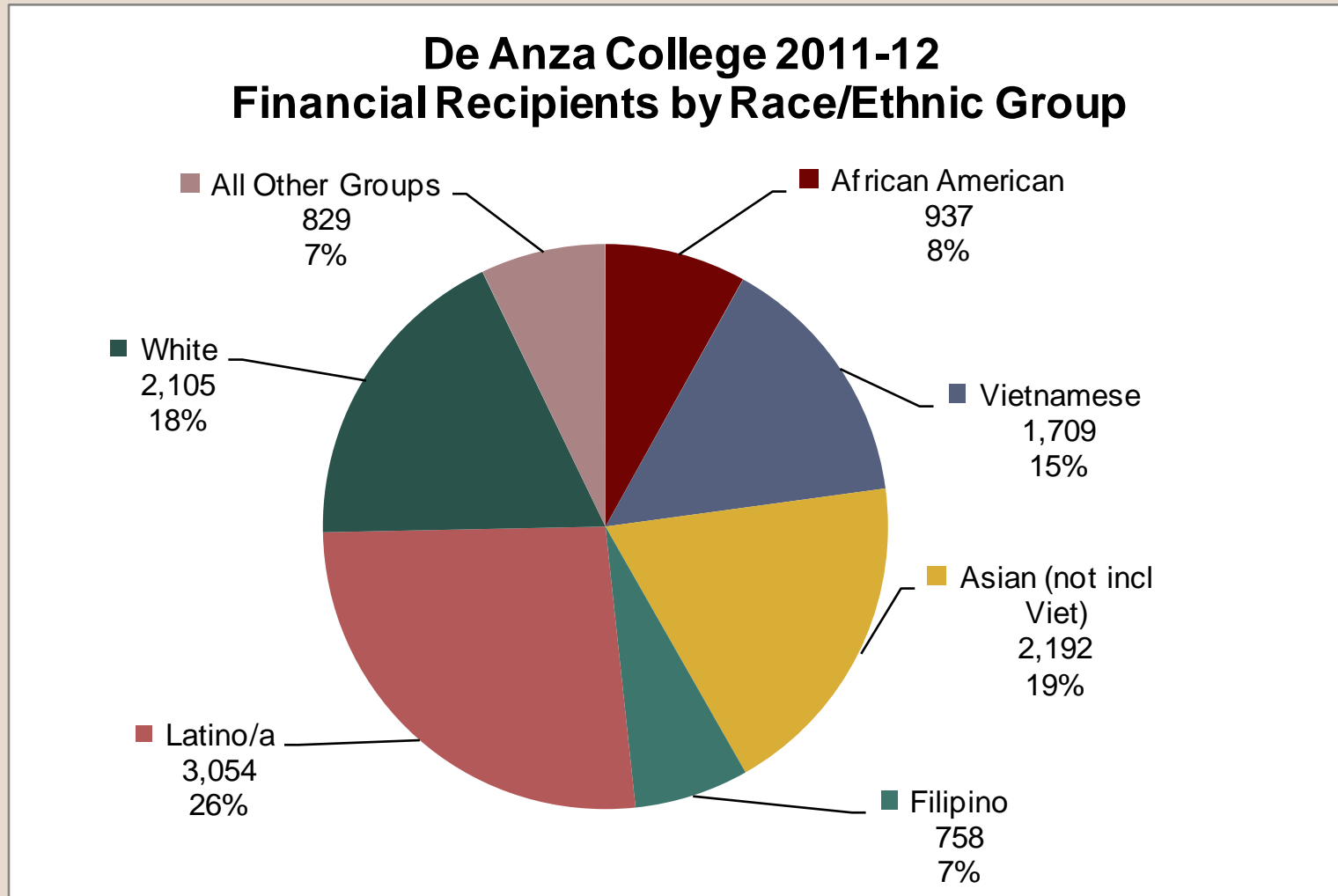
Financial Aid

What is the three year trend for Pell recipients at each college?



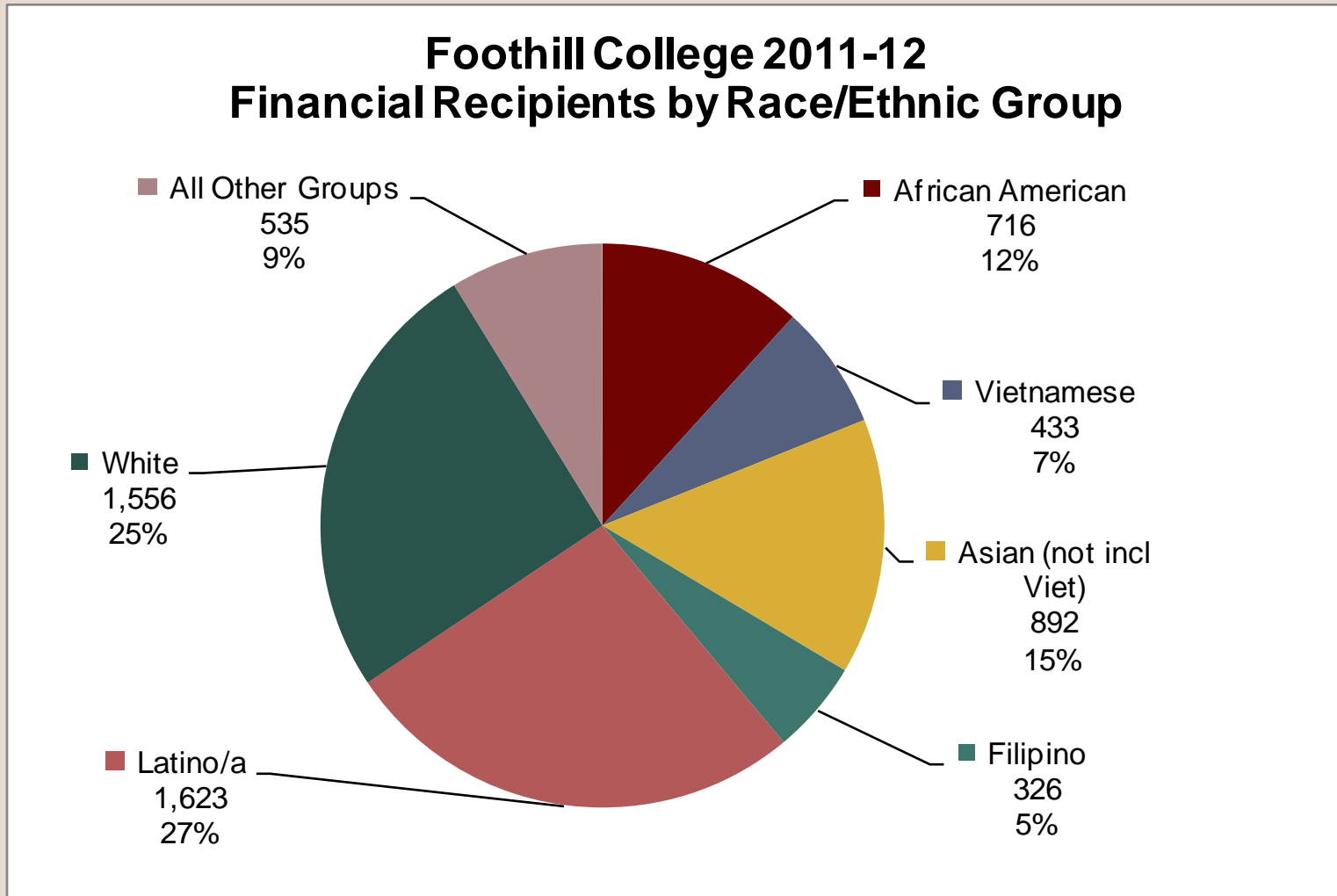
Federal Pell recipients, year-to-year comparisons. Source: FHDA IR&P

What is the distribution of financial aid across ethnic groups?



Source: FHDA IR&P

What is the distribution of financial aid across ethnic groups?



Source: FHDA IR&P



Summary

- Growing Latino population, not just from East San Jose
- Women and African Americans are overrepresented in online courses compared to overall student population
- Online course success lower than face-to-face courses
- 1/3 are first-generation college students
- Over 20% speak a language other than English
- 1/2 of all CCSSE respondents use academic advising, regardless of ethnicity
- Increase in Pell grants awarded



Test Your Knowledge.....

FHDA Office of Institutional Research and Planning

Predictions Exercise

Please provide your predicted answer to each question, then fill in the actual answer during the presentation. At the end, compare what you predicated with the actual results.	Prediction	Actual
1 What percentage of Foothill students enrolled in Fall 2011 identify themselves as Latino?		18%
2 At Foothill, what 2 cities do the largest number of Latino students reside?	East Palo Alto & Redwood City	
3 What percent of enrollment in 2011-12 was generated by online instruction at Foothill?		27%
4 Among students who enrolled in an online course at De Anza in 2011-12, what percent were women?		60%
5 What percent of Foothill students are first-generation college students in fall 2012?		27%
6 While the numbers of AB540 students have increased at both colleges between 2010 and 2012, which college experienced a doubling of AB540 students in that time period?		De Anza
7 What percent of De Anza students speak a language other than English at home?		31%
8 What percentage of Foothill CCSSE survey respondents who are African American reported using academic advising services?		58%
9 Has the number of students receiving Pell grants increased or decreased at both colleges between 2010-2012?		Increased
10 At De Anza, what percent of financial aid recipients are Vietnamese?		15%