



FOOTHILL COLLEGE

Institutional Research and Planning

DATE: May 6, 2013

TO: Transfer Workgroup Tri-Chairs

FROM: Mandana Navi, Student Assistant
Elaine Kuo, College Researcher

RE: Math and English Placement by Ethnicity

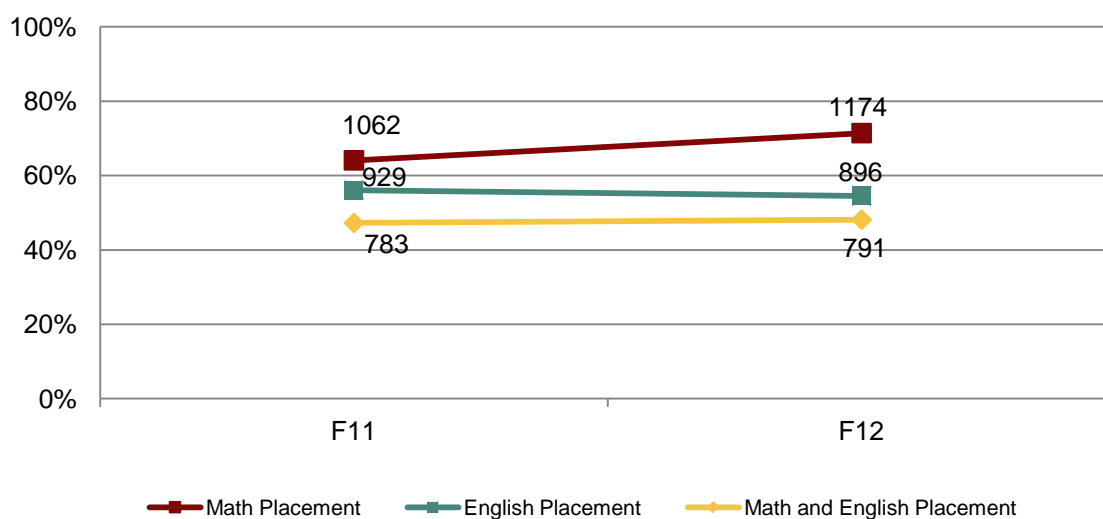
Overview

New first-time students entering Foothill College in Fall 2011 and Fall 2012 were identified to determine their initial Math and English placement results and whether there were any placement patterns by ethnicity. There were 1657 new first-time students entering in Fall 2011 and 1644 in Fall 2012.

A comparison between Math and English placement data show that the percentage of total new first-time students with Math placement increased from Fall 2011 to Fall 2012. However, the percentage of new first-time students with English placement decreased and the percentage of students with Math and English placement remained consistent (Chart 1).

Chart 1.

**Foothill College Students with Math and English Placement
Fall 2011 and Fall 2012**

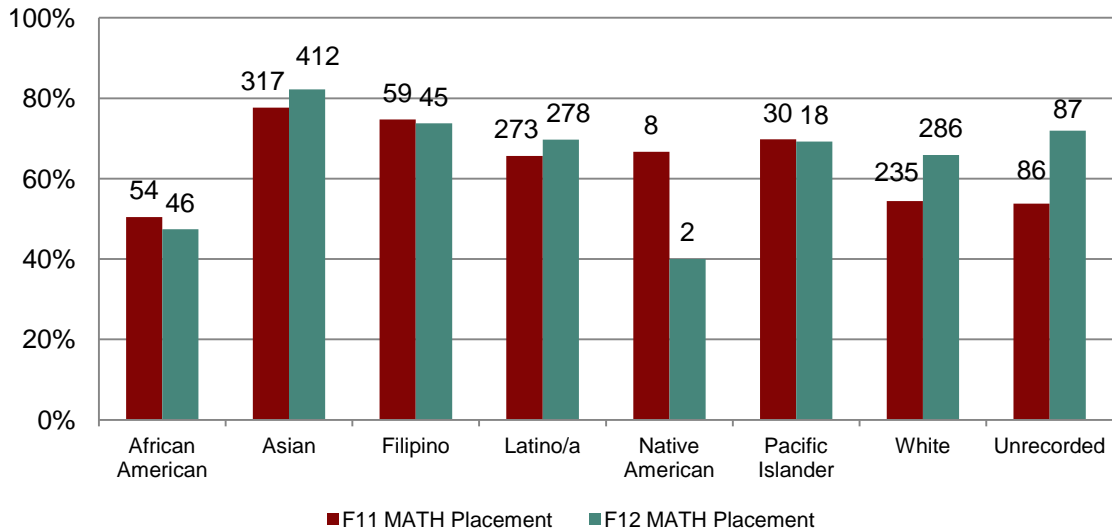


Note: Students are new (first time) students.

Charts 2 to 4 compare Fall 2011 and Fall 2012 Math; English; and Math and English placement results by ethnicity.

Chart 2.

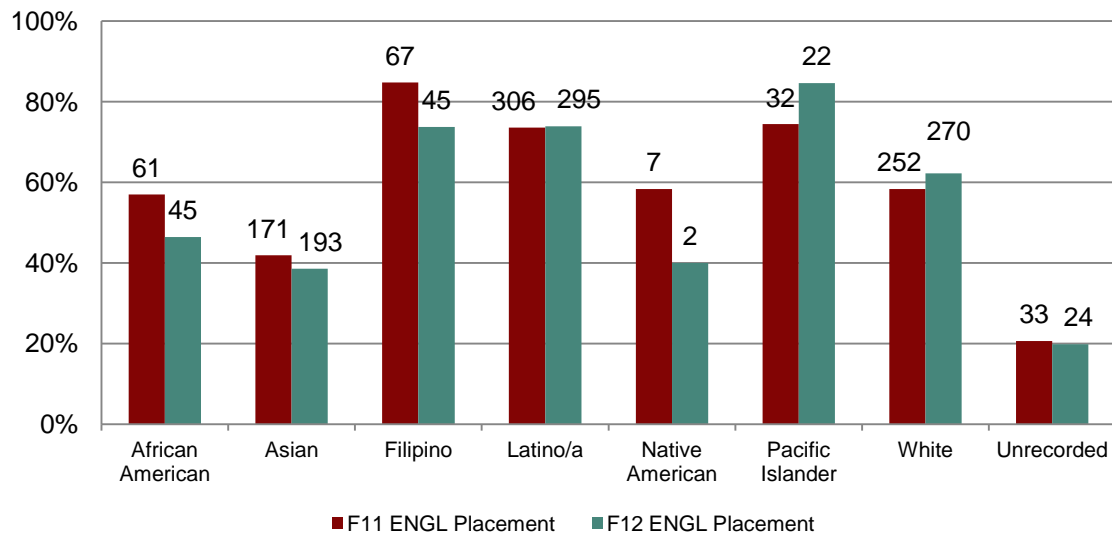
**Foothill College Students Math Placement by Ethnicity
Fall 2011-2012**



Note: Total number of new first-time students with Math Placement: F11 N=1062, F12 N=1174

Chart 3.

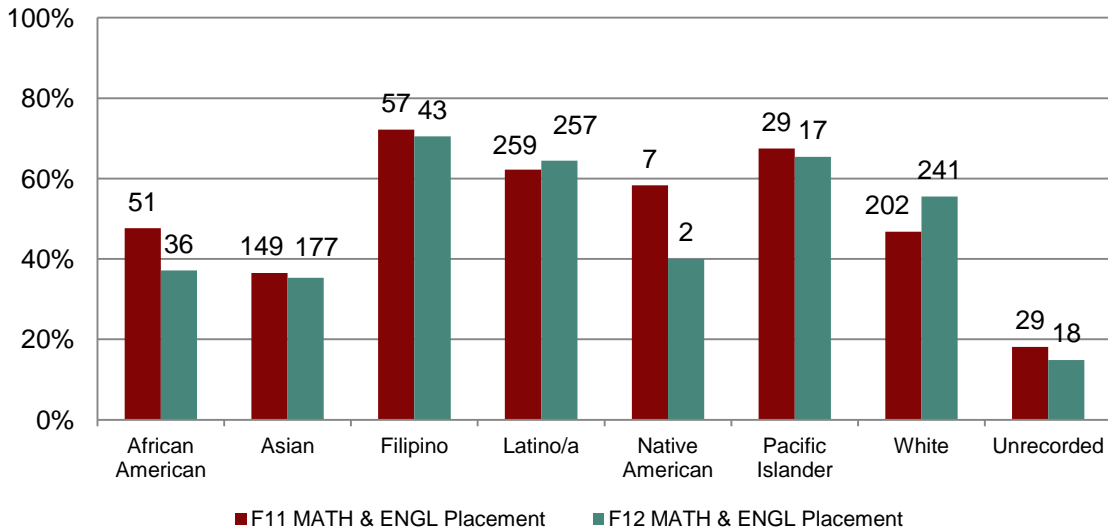
**Foothill College Students English Placement by Ethnicity
Fall 2011 and Fall 2012**



Note: Total number of new first-time students with English Placement: F11 N=929, F12 N=896

Chart 4.

**Foothill College Students Math and English Placement by Ethnicity
Fall 2011 and Fall 2012**

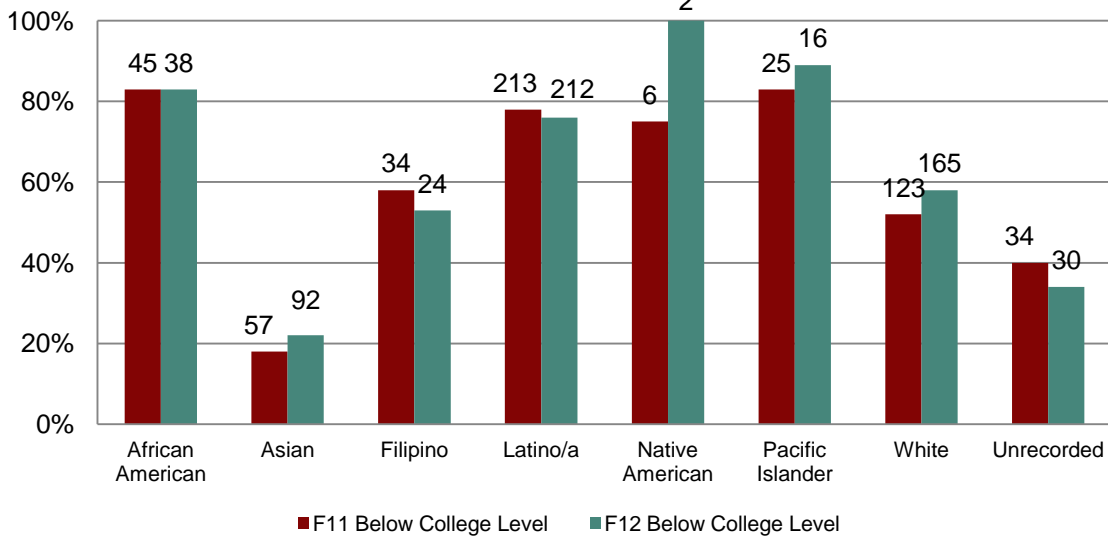


Note: Total number of new first-time students with English and Math Placement: F11 N=783, F12 N=791

Chart 5 compares the Fall 2011 and Fall 2012 new first-time students' Math placement test results by ethnicity. Results show that the majority of Pacific Islanders, African Americans and Latinos with placement level information placed into below college level Math, while the majority of Asians placed into college level Math.

Chart 5.

**Foothill College Students Math Placement by Ethnicity
Fall 2011-2012**

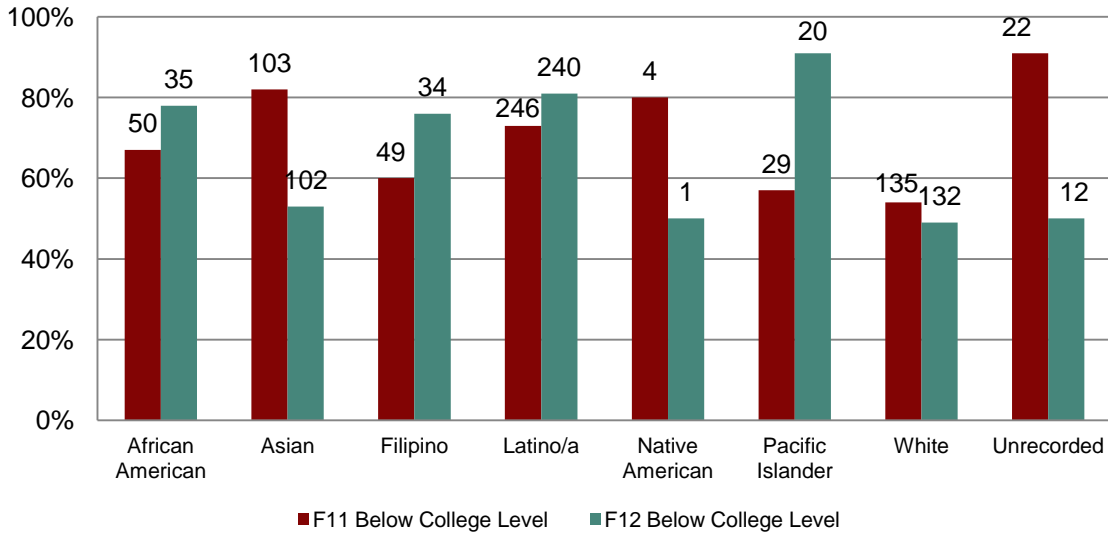


Note: Total number of new first-time students with Math Placement: F11 N=1062, F12 N=1174

Chart 6 compares Fall 2011 and Fall 2012 English placement by ethnicity. Fall 2011 placement levels show the majority of Asians, Latinos, African Americans and Filipinos placed in below college level English. In Fall 2012 a higher percentage rate among Latinos, African Americans and Filipinos placed below college level.

Chart 6.

**Foothill College Students English Placement by Ethnicity
Fall 2011 and Fall 2012**

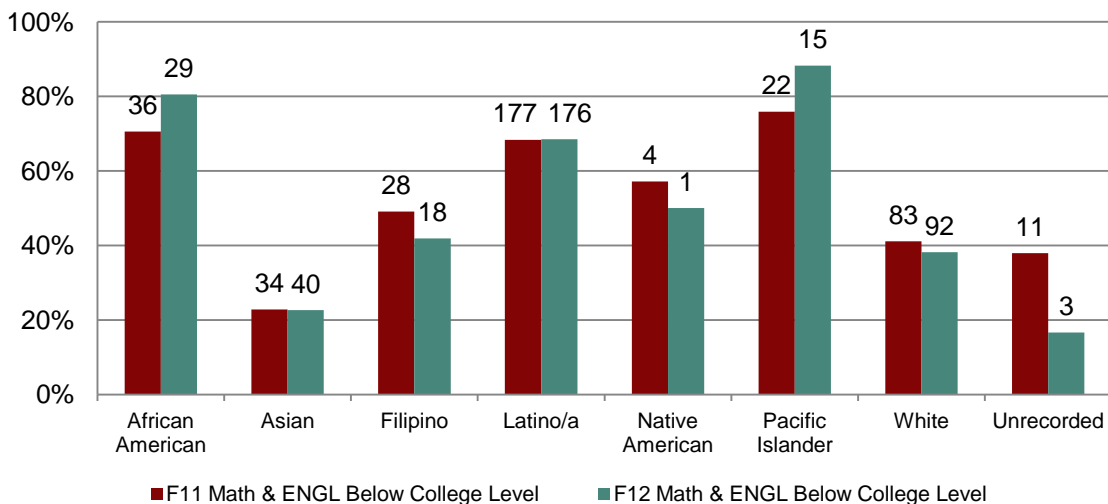


Note: Total number of new first-time new students with English Placement: F11 N=929, F12 N=896

Chart 7 examines the ethnicities of those students who placed into below college level Math and English in Fall 2011 and Fall 2012. Results show that African Americans and Latinos place into below college level Math and English at higher rates than other ethnicities.

Chart 7.

**Foothill College
Students Placing Below College Level in Math and English by Ethnicity
Fall 2011 and Fall 2012**



Methodology

New first-time students' initial placement results in Math and English were used for this report. The students' first English and Math placement test results were analyzed for this report. For each entering cohort, placement data after the first day of fall quarter (September 24) were excluded.

One record for English Placement result was excluded due to incomplete data.

Below college level Math includes Math 105, 108, 217, 220, 230 and 235.

Below college level English includes English 209 and 110.

Source

FHDA IR&P, ODS [Factsheet, Test]

Appendix 1.

Fall 2011 Foothill College New First-Time Students by Ethnicity (N=1657)

	F11 New First Time Students Headcount	% of All F11 New First Time Students	MATH Placement	% of All MATH Placement	ENGL Placement	% of All ENGL Placement	MATH & ENGL Placement	% of All MATH & ENGL Placement
African American	107	6.5%	54	5.1%	61	6.6%	51	6.5%
Asian	408	24.6%	317	29.8%	171	18.4%	149	19.0%
Filipino	79	4.8%	59	5.6%	67	7.2%	57	7.3%
Latino/a	416	25.1%	273	25.7%	306	32.9%	259	33.1%
Native American	12	0.7%	8	0.8%	7	0.8%	7	0.9%
Pacific Islander	43	2.6%	30	2.8%	32	3.4%	29	3.7%
White	432	26.1%	235	22.1%	252	27.1%	202	25.8%
Unrecorded	160	9.7%	86	8.1%	33	3.6%	29	3.7%
Total	1657	100.0%	1062	100.0%	929	100.0%	783	100.0%

Appendix 2.

Fall 2012 Foothill College New (First Time) Students Ethnicity Breakdown (N=1644)

	F12 New First Time Students Headcount	% of All F12 New First Time Students	MATH Placement	% of All MATH Placement	ENGL Placement	% of All ENGL Placement	MATH & ENGL Placement	% of All MATH & ENGL Placement
African American	97	5.9%	46	3.9%	45	5.0%	36	4.6%
Asian	501	30.5%	412	35.1%	193	21.5%	177	22.4%
Filipino	61	3.7%	45	3.8%	45	5.0%	43	5.4%
Latino/a	399	24.3%	278	23.7%	295	32.9%	257	32.5%
Native American	5	0.3%	2	0.2%	2	0.2%	2	0.3%
Pacific Islander	26	1.6%	18	1.5%	22	2.5%	17	2.1%
White	434	26.4%	286	24.4%	270	30.1%	241	30.5%
Unrecorded	121	7.4%	87	7.4%	24	2.7%	18	2.3%
Total	1644	100.0%	1174	100.0%	896	100.0%	791	100.0%

Appendix 3.

**Fall 2011 Foothill College New First-Time Students
Ethnicity and Below College Math Placement Test Results (N=537)**

	Degree Applicable Level		Basic Skills Level		Total Below College Level	
	HC	%	HC	%	HC	%
African American	3	7%	42	93%	45	100%
Asian	26	46%	31	54%	57	100%
Filipino	9	26%	25	74%	34	100%
Latino/a	32	15%	181	85%	213	100%
Native American	2	33%	4	67%	6	100%
Pacific Islander	4	16%	21	84%	25	100%
White	26	21%	97	79%	123	100%
Unrecorded	7	21%	27	79%	34	100%

Note: Degree applicable includes Math 105 and Math 108. Basic Skills includes Math 401A&B, Math 235, Math 230, Math 220, and Math 217.

Appendix 4.

**Fall 2012 Foothill College New First-Time Students
Ethnicity and Below College Level Math Placement Test Results (N=579)**

	Degree Applicable Level		Basic Skills Level		Total Below College Level	
	HC	%	HC	%	HC	%
African American	5	13%	33	87%	38	100%
Asian	32	35%	60	65%	92	100%
Filipino	8	33%	16	67%	24	100%
Latino/a	36	17%	176	83%	212	100%
Native American	0	0%	2	100%	2	100%
Pacific Islander	0	0%	16	100%	16	100%
White	47	28%	118	72%	165	100%
Unrecorded	8	27%	22	73%	30	100%

Note: Degree applicable includes Math 105 and Math 108. Basic Skills includes Math 401A&B, Math 235, Math 230, Math 220, and Math 217.