

De Anza College Office of Institutional Research and Planning

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Subject: Piedmont Hills High School Assessment Test Outcomes, Winter-Spring 2015

Piedmont Hills High School wants to know how many of their students placed into college-level math and English, and plans to use the information to encourage its community college-bound students to continue to take college preparatory courses. The student group in this report consists of Piedmont Hills students who applied to De Anza and took an assessment test for the first time during January 1-August 31, 2015.

Summary

- *Math placement:* Of the 146 distinct students who took a math assessment test, 42% placed at transfer level and 58% placed at below transfer level.
- *Writing placement:* Of the 143 distinct students who took a writing assessment test, 45% placed at transfer level and 55% placed at below transfer level.
- *Reading placement:* Of the 143 distinct students who took a reading assessment test, 40% placed at transfer level and 60% placed at below transfer level.

Findings

Assessment Tests Taken

- 154 distinct Piedmont Hills students took an assessment test during January 1-August 31, 2015.
- On average, each student took 3.16 tests. A total of 487 assessment tests were administered.

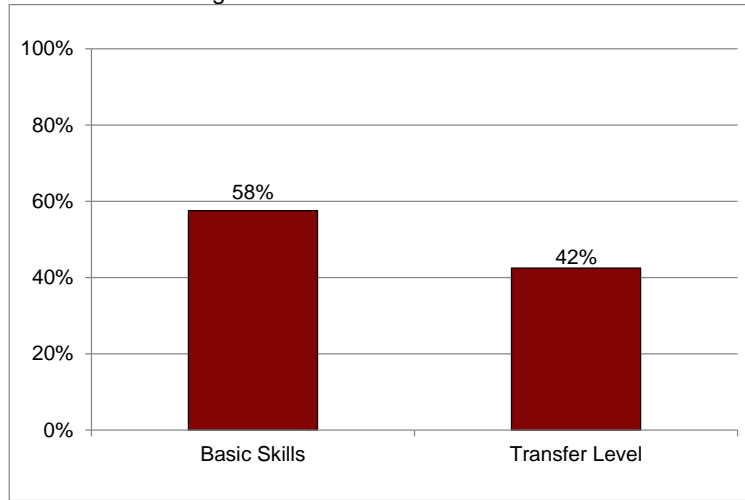
Table 1: Assessment Tests Taken by Piedmont Hills High School Students

Subject	Assessment Test Description	Test Takers	Percent
ESL	ESL	2	0%
Math	College Level Math	92	19%
Math	Elementary Algebra	67	14%
Math	Calculus Readiness	25	5%
Math	Arithmetic	13	3%
Reading	Reading	143	29%
Science	Chemistry 1A/Biology 6	2	0%
Writing	Sentence Skills	143	29%
Total		487	100%

Math Placement: Basic Skills vs. Transfer

- A total of 146 distinct students took a math assessment test.
- 58% placed into basic skills math
- 42% placed into transfer level math

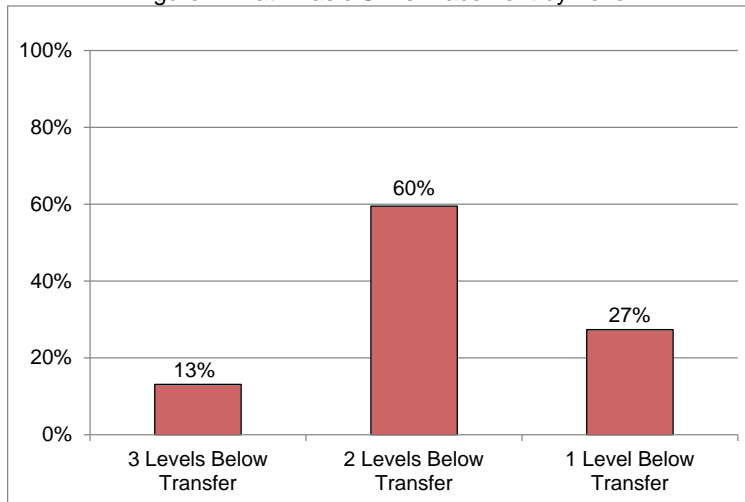
Figure 1: Math Placement Overview



Basic Skills Placement by Level

- Among the 86 students who placed into basic skills math...
- 60% placed into 2 levels below transfer (i.e. beginning algebra; not degree or transfer applicable)
- 27% placed into 1 level below transfer (i.e. intermediate algebra; degree applicable but not transfer applicable)
- 13% placed into 3 levels below transfer (i.e. pre-algebra; not degree or transfer applicable)

Figure 2: Math Basic Skills Placement by Level



Math Placement by Ethnicity and Gender

Note: For some ethnic groups, the number of students is too small to make inferences. Findings should be used directionally.

- African American
 - *Ethnic group*: most students placed into 2 levels below transfer (50%)
 - *Female*: most placed into 2 levels below transfer (50%)
 - *Male*: just as likely to place into 2 levels as into 1 level below transfer, 50% and 50%
- Asian
 - *Ethnic group*: most students placed into transfer level (58%)
 - *Female*: most placed into transfer level (69%)
 - *Male*: most placed into transfer level (50%)
- Filipino
 - *Ethnic group*: most students placed into 2 levels below transfer level (38%)
 - *Female*: most placed into 2 levels below transfer (56%)
 - *Male*: most placed into transfer level (45%)
- Latino/a
 - *Ethnic group*: most students placed into 2 levels below transfer level (65%)
 - *Female*: most placed into 2 levels below transfer (64%)
 - *Male*: most placed into 2 levels below transfer (67%)
- White
 - *Ethnic group*: most students placed into 2 levels below transfer level (67%)
 - *Female*: all placed into 2 levels below transfer (100%)
 - *Male*: just as likely to place into 2 levels below transfer as into transfer level, 50% and 50%

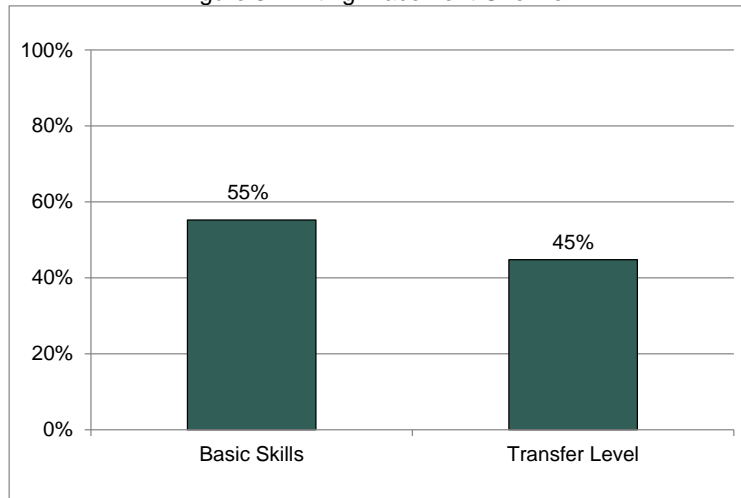
Table 2: Math Placement Results by Ethnicity and Gender

	Non Degree or Transfer Applicable				Degree Applicable		Transfer Applicable		TOTAL	
	3 levels below		2 levels below		1 level below		Transfer Level			
	Students	Percent	Students	Percent	Students	Percent	Students	Percent	Students	Percent
African American										
Female	1	25%	2	50%	1	25%	0	0%	4	100%
Male	0	0%	1	50%	1	50%	0	0%	2	100%
Unknown	0	0%	0	0%	0	0%	0	0%	0	0%
Subtotal	1	17%	3	50%	2	33%	0	0%	6	100%
Asian										
Female	0	0%	7	20%	4	11%	24	69%	35	100%
Male	4	9%	13	28%	6	13%	23	50%	46	100%
Unknown	1	50%	0	0%	0	0%	1	50%	2	100%
Subtotal	5	6%	20	24%	10	12%	48	58%	83	100%
Filipino										
Female	0	0%	5	56%	3	33%	1	11%	9	100%
Male	1	9%	2	18%	3	27%	5	45%	11	100%
Unknown	0	0%	1	100%	0	0%	0	0%	1	100%
Subtotal	1	5%	8	38%	6	29%	6	29%	21	100%
Latino/a										
Female	1	9%	7	64%	2	18%	1	9%	11	100%
Male	2	17%	8	67%	0	0%	2	17%	12	100%
Unknown	0	0%	0	0%	0	0%	0	0%	0	0%
Subtotal	3	13%	15	65%	2	9%	3	13%	23	100%
White										
Female	0	0%	1	100%	0	0%	0	0%	1	100%
Male	0	0%	1	50%	0	0%	1	50%	2	100%
Unknown	0	0%	0	0%	0	0%	0	0%	0	0%
Subtotal	0	0%	2	67%	0	0%	1	33%	3	100%
Other (reflects Pacific Islander, decline to state and unknown ethnicity)										
Female	0	0%	0	0%	0	0%	0	0%	0	0%
Male	0	0%	1	100%	0	0%	0	0%	1	100%
Unknown	1	11%	1	11%	3	33%	4	44%	9	100%
Subtotal	1	10%	2	20%	3	30%	4	40%	10	100%

Writing Placement: Basic Skills vs. Transfer

- A total of 143 distinct students took a writing assessment test.
- 55% placed into basic skills writing
- 45% placed transfer level writing

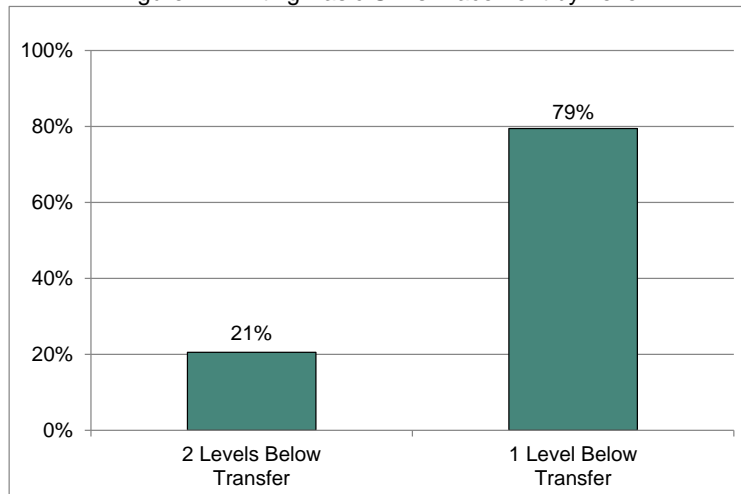
Figure 3: Writing Placement Overview



Basic Skills Placement by Level

- Among the 78 students who placed into basic skills writing...
- 79% placed into 1 level below transfer (i.e. preparatory reading and writing skills; not degree or transfer applicable)
- 21% placed into 2 levels below transfer (i.e. fundamentals of writing; not degree or transfer applicable)

Figure 4: Writing Basic Skills Placement by Level



Writing Placement by Ethnicity and Gender

Note: For some ethnic groups, the number of students is too small to make inferences. Findings should be used directionally.

- African American
 - *Ethnic group*: just as likely to place into 1 level (33%) or 2 levels (33%) below transfer as into transfer level (33%)
 - *Female*: most placed into 2 levels below transfer (50%)
 - *Male*: just as likely to place into 1 level below transfer as into transfer level, 50% and 50%
- Asian
 - *Ethnic group*: most students placed into transfer level (53%)
 - *Female*: most placed into transfer level (59%)
 - *Male*: most placed into transfer level (48%)
- Filipino
 - *Ethnic group*: most students placed into 1 level below transfer level (65%)
 - *Female*: most placed into 1 level below transfer (78%)
 - *Male*: just as likely to place into 1 level below transfer as into transfer level, 50% and 50%
- Latino/a
 - *Ethnic group*: most students placed into 1 level below transfer level (58%)
 - *Female*: most placed into 1 level below transfer (54%)
 - *Male*: most placed into 1 level below transfer (64%)
- White
 - *Ethnic group*: most students placed into 1 level below transfer level (67%)
 - *Female*: placed into 1 level below transfer (100%)
 - *Male*: just as likely to place into 1 level below transfer as into transfer level, 50% and 50%

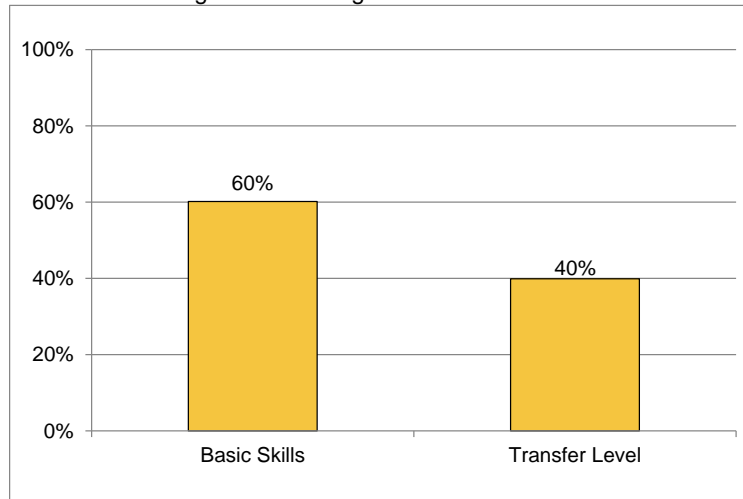
Table 3: Writing Placement Results by Ethnicity and Gender

	Non Degree or Transfer Applicable				Transfer Applicable		TOTAL	
	2 levels below		1 level below		Transfer Level			
	Students	Percent	Students	Percent	Students	Percent	Students	Percent
African American								
Female	2	50%	1	25%	1	25%	4	100%
Male	0	0%	1	50%	1	50%	2	100%
Unknown	0	0%	0	0%	0	0%	0	0%
Subtotal	2	33%	2	33%	2	33%	6	100%
Asian								
Female	0	0%	14	41%	20	59%	34	100%
Male	9	20%	14	31%	22	49%	45	102%
Unknown	0	0%	0	0%	1	100%	1	100%
Subtotal	9	11%	28	35%	43	54%	80	101%
Filipino								
Female	0	0%	7	78%	2	22%	9	100%
Male	0	0%	5	50%	5	50%	10	100%
Unknown	0	0%	1	100%	0	0%	1	100%
Subtotal	0	0%	13	65%	7	35%	20	100%
Latino/a								
Female	1	8%	7	54%	5	38%	13	100%
Male	2	18%	7	64%	2	18%	11	100%
Unknown	0	0%	0	0%	0	0%	0	0%
Subtotal	3	13%	14	58%	7	29%	24	100%
White								
Female	0	0%	1	100%	0	0%	1	100%
Male	0	0%	1	50%	1	50%	2	100%
Unknown	0	0%	0	0%	0	0%	0	0%
Subtotal	0	0%	2	67%	1	33%	3	100%
Other (reflects Pacific Islander, decline to state and unknown ethnicity)								
Female	0	0%	0	0%	0	0%	0	0%
Male	0	0%	1	100%	0	0%	1	100%
Unknown	2	25%	2	25%	4	50%	8	100%
Subtotal	2	22%	3	33%	4	44%	9	100%

Reading Placement

- A total of 143 distinct students took a writing assessment test.
- 60% placed into basic skills reading
- 40% placed into transfer level reading

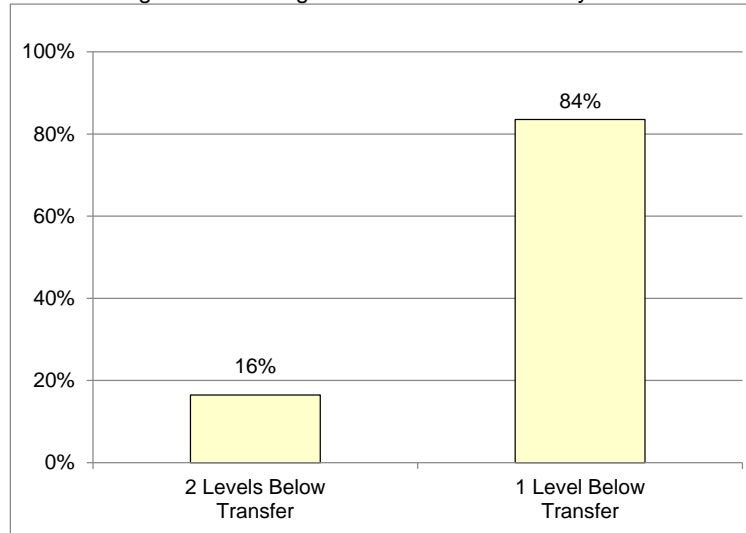
Figure 5: Reading Placement Overview



Basic Skills Placement by Level

- Among the 85 students who placed into basic skills reading...
- 84% placed into 1 level below transfer (i.e. developmental reading; not degree or transfer applicable)
- 16% placed into 2 levels below transfer (i.e. reading fundamentals; not degree or transfer applicable)

Figure 6: Reading Basic Skills Placement by Level



Reading Placement by Ethnicity and Gender

Note: For some ethnic groups, the number of students is too small to make inferences. Findings should be used directionally.

- African American
 - *Ethnic group*: most placed into 1 level below transfer level (50%)
 - *Female*: most placed into 1 level below transfer (50%)
 - *Male*: just as likely to place into 1 level below transfer as into transfer level, 50% and 50%
- Asian
 - *Ethnic group*: most students placed into transfer level (47%)
 - *Female*: most placed into transfer level (59%)
 - *Male*: most placed into 1 level below transfer (48%)
- Filipino
 - *Ethnic group*: most students placed into 1 level below transfer level (50%)
 - *Female*: most placed into 1 level below transfer (56%)
 - *Male*: just as likely to place into 1 level below transfer as into transfer level, 50% and 50%
- Latino/a
 - *Ethnic group*: most students placed into 1 level below transfer level (58%)
 - *Female*: most placed into 1 level below transfer (77%)
 - *Male*: just as likely to place into 1 level below transfer as into transfer level, 36% and 36%
- White
 - *Ethnic group*: most students placed into transfer level (67%)
 - *Female*: placed into 1 level below transfer (100%)
 - *Male*: placed into transfer level (100%)

Table 4: Reading Placement Results by Ethnicity and Gender

	Non Degree or Transfer Applicable				Transfer Applicable		TOTAL	
	2 levels below		1 level below		Transfer Level			
	Students	Percent	Students	Percent	Students	Percent	Students	Percent
African American								
Female	1	25%	2	50%	1	25%	4	100%
Male	0	0%	1	50%	1	50%	2	100%
Unknown	0	0%	0	0%	0	0%	0	0%
Subtotal	1	17%	3	50%	2	33%	6	100%
Asian								
Female	0	0%	14	41%	20	59%	34	100%
Male	6	13%	22	49%	17	38%	45	102%
Unknown	0	0%	0	0%	1	100%	1	100%
Subtotal	6	8%	36	45%	38	48%	80	101%
Filipino								
Female	2	22%	5	56%	2	22%	9	100%
Male	0	0%	5	50%	5	50%	10	100%
Unknown	1	100%	0	0%	0	0%	1	100%
Subtotal	3	15%	10	50%	7	35%	20	100%
Latino/a								
Female	0	0%	10	77%	3	23%	13	100%
Male	3	27%	4	36%	4	36%	11	100%
Unknown	0	0%	0	0%	0	0%	0	0%
Subtotal	3	13%	14	58%	7	29%	24	100%
White								
Female	0	0%	1	100%	0	0%	1	100%
Male	0	0%	0	0%	2	100%	2	100%
Unknown	0	0%	0	0%	0	0%	0	0%
Subtotal	0	0%	1	33%	2	67%	3	100%
Other (reflects Pacific Islander, decline to state and unknown ethnicity)								
Female	0	0%	0	0%	0	0%	0	0%
Male	0	0%	1	100%	0	0%	1	100%
Unknown	1	13%	6	75%	1	13%	8	100%
Subtotal	1	11%	7	78%	1	11%	9	100%