JUNE 2012 HAWAI‘I PUBLIC HIGH SCHOOL GRADUATES

ENROLLED IN ENGLISH AND MATHEMATICS CLASSES

AT THE

UNIVERSITY OF HAWAI‘I IN FALL 2012

Institutional Research and Analysis Office

University of Hawai‘i

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JUNE 2012 HAWAIʻI PUBLIC HIGH SCHOOL GRADUATES ENROLLED IN COLLEGE, REMEDIAL AND/OR DEVELOPMENTAL ENGLISH AND MATHEMATICS CLASSES AT THE UNIVERSITY OF HAWAIʻI IN FALL 2012

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June 2012 Hawai‘i Public High School Graduates Enrolled in English and Mathematics Classes at the University of Hawai‘i in Fall 2012

The focus of this analysis is the unduplicated headcount of Hawai‘i public high school graduates enrolled in remedial, developmental or “college-level” English and Mathematics courses at any of the ten campuses within the University of Hawai‘i (UH) System. Some students take more than one English class and more than one mathematics class, particularly at the remedial level. Hence, the headcount method counts each student only once and at the highest level enrolled course. This method is also a “snapshot” or point-in-time analysis for the Fall 2012 semester, and looks at a specific population of recent high school graduates – those who enrolled at a UH campus the immediate Fall Semester following high school graduation (Class of 2012 graduates).

The UH faculty makes a distinction between remedial and developmental coursework. Remedial coursework covers the basic foundational knowledge that underlies literacy and numeracy skills. Developmental coursework prepares students for college-level or credit bearing courses, generally towards their degree or certificate requirements. Across the UH System, “college-level” courses are generally numbered 100 or above. Courses that do not fit the remedial or developmental definition and in some instances are numbered less than 100 may be used satisfy general education, degree, or certificate requirements. For the purposes of this report, these courses are categorized as “Other”.

English and mathematics are also considered “gateway” courses at the University of Hawai‘i, and are required by almost every degree and/or certificate the University offers. Gateway courses introduce students to the discipline of college, and at times, of a major. Many studies advocate the importance of students completing their gateway courses early in their college years. These studies suggest that students who enroll and complete their gateway courses immediately upon entering college are more likely to graduate and successfully earn their college degree than those who defer taking these courses.

For this year’s report, additional remedial and developmental courses have been identified by UH faculty. The data has been re-analyzed for the inclusion of these courses across the five years reported in the current report.

Of the 4,407 June 2012 Hawai‘i public high school graduates enrolled at the University of Hawai‘i in Fall 2012[1]:

ENGLISH COURSES

- 1,833 or 41.6% enrolled in college-level (course numbers >=100) English courses. This is an improvement (increase of 3.1%) over the enrollment of high school graduates in Fall 2011.

- 1,357 or 30.8% enrolled in remedial or developmental English classes. The percentage of students enrolling into remedial or developmental English classes shows improvement (decrease of 3.6%) from Fall 2011.

- 1,073 or 24.3% did not enroll in English, showing no change over Fall 2011 (24.2%). It is unknown into which category these students would have placed; remedial, developmental, or college level.

- Of the 3,334 students who enrolled in English, the percentage of students that enrolled in remedial or developmental classes shows an overall decrease of 4.7% over Fall 2011; with decreases in enrollment into both remedial English (decrease of 1.2%) and developmental English (decrease of 3.4%).

    - Remedial English
        - Fall 2011: 320 (or 9.6%) of 3,322 students enrolled in English
        - Fall 2012: 280 (or 8.4%) of 3,334 students enrolled in English

    - Developmental English
        - Fall 2011: 1,187 (or 35.7%) of 3,322 students enrolled in English
        - Fall 2012: 1,077 (or 32.3%) of 3,334 students enrolled in English

MATHEMATICS COURSES

- 1,049 or 23.8% of high school graduates enrolled into college level mathematics courses, which shows an improvement (increase of 3.7%) over Fall 2011.

- 1,593 or 36.1% enrolled in a remedial or developmental mathematics class, showing a negligible increase in enrollment over Fall 2011 (35.6%).

- 1,576 or 35.8% did not enroll in mathematics, a 2.7% decrease in enrollment over Fall 2011. It is unknown which category these students would have placed; remedial, developmental, or college level.

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[1] Enrollment numbers may not match those previously reported due to changes in the methods for calculating enrollment. These methods have been retroactively applied to English and math course enrollment data back to Fall 2008.

- Of the 2,831 students enrolled in math, the overall percentage of students that enrolled in remedial or developmental courses showed a slight decrease from Fall 2011; with a decrease of 4.6% in enrollment into remedial math and an increase of 2.4% in enrollment into developmental math.

    - Remedial Mathematics
        - Fall 2011: 672 (or 24.9%) of 2,694 students enrolled in math
        - Fall 2012: 591 (or 20.9%) of 2,831 students enrolled in math

    - Developmental Mathematics
        - Fall 2011: 890 (or 33.0%) of 2,694 students enrolled in math
        - Fall 2012: 1,002 (or 35.4%) of 2,831 students enrolled in math

Tables 2 and 5 show headcounts and percentages sorted alphabetically by Hawai‘i public high schools. These are horizontal percentages, which is calculated by dividing the high school’s category headcount (i.e. remedial, development, enrolled, not enrolled) by the high school’s total headcount of graduates.

Tables 3 and 6 show headcounts and percentages of student course taking by the students’ “home” campus within the University of Hawai‘i system. These are also horizontal percentages, which are calculated by dividing the campus’s category headcount (i.e. remedial, developmental, enrolled, and not enrolled) by the campus’s total enrollment headcount.

TABLE 1
June 2012 Hawai‘i Public High School Graduates
Enrolled Headcount in English Classes at the University of Hawai‘i By Course Category 1/
Fall 2008 - Fall 2012

	FALL 2008		FALL 2009		FALL 2010		FALL 2011		FALL 2012	
	TOTAL	V %	TOTAL	V %	TOTAL	V %	TOTAL	V %	TOTAL	V %
Public HS Graduates Enrolled at UH	**4,409**	**100.0**	**4,590**	**100.0**	**4,232**	**100.0**	**4,384**	**100.0**	**4,407**	**100.0**
Not Enrolled in English	1,295	29.4	1,196	26.1	1,024	24.2	1,062	24.2	1,073	24.3
Enrolled in English	3,114	70.6	3,394	73.9	3,208	75.8	3,322	75.8	3,334	75.7
Remedial / Developmental 2/	**1,602**	**36.3**	**1,605**	**35.0**	**1,526**	**36.1**	**1,507**	**34.4**	**1,357**	**30.8**
Remedial	341	7.7	392	8.5	353	8.3	320	7.3	280	6.4
Developmental	1,261	28.6	1,213	26.4	1,173	27.7	1,187	27.1	1,077	24.4
College Level 3/	**1,376**	**31.2**	**1,620**	**35.3**	**1,532**	**36.2**	**1,686**	**38.5**	**1,833**	**41.6**
Business or Technical Writing	6	0.1	1	0.0	3	0.1	4	0.1		
Composition I	1,351	30.6	1,601	34.9	1,503	35.5	1,664	38.0	1,804	40.9
Composition II	5	0.1	1	0.0	1	0.0	4	0.1	8	0.2
Creative Writing	2	0.0	1	0.0	7	0.2	1	0.0	2	0.0
Literature	12	0.3	16	0.3	18	0.4	13	0.3	19	0.4
Other 4/	**58**	**1.3**	**74**	**1.6**	**79**	**1.9**	**70**	**1.6**	**61**	**1.4**
Coll Read Skills	34	0.8	37	0.8	42	1.0	35	0.8	44	1.0
Career/Technical	24	0.5	37	0.8	37	0.9	35	0.8	17	0.4
Other ESL 5/	**78**	**1.8**	**95**	**2.1**	**71**	**1.7**	**59**	**1.3**	**83**	**1.9**

Notes: V% (vertical percentage) = percentage headcount of the total Public High School Graduates Total at UH per fall semester.

1/ Unduplicated headcount of Hawaii public high school graduates enrolled in a English course. If the student is registered in more than one English class, s/he is counted in the higher level course only.

2/ All remedial and developmental classes were offered at the University of Hawai‘i Community Colleges. The 4-year campuses at Mānoa, Hilo, and West O‘ahu do not offer remedial or developmental classes. Students enrolled at the 4-year campuses are dual enrolled at a community college in order to take remedial and/or developmental coursework. Remedial and developmental classes were identified according to "Remedial and Developmental Education in the University of Hawai‘i Community College System, White paper Group Committee, UHCC," no publication date noted, p. 137, as well as in consultation with the Office of Academic Planning, Assessment and Policy Analysis, UHCC.

3/ College Level courses refer to those that are 100-level and above.

4/ Other courses refer to courses that satisfy general education requirements and in some instances are numbered less than 100 but are not classified as either remedial or developmental. These courses may be used to fulfill a degree or certificate requirement.

5/ Other ESL courses refer to English as a Second Language courses numbers less than 100, and are equivalent to remedial/developmental English.

UH Institutional Research and Analysis Office, May 2013

TABLE 2
June 2012 Hawai‘i Public High School Graduates
Enrolled Headcount in English Classes at the University of Hawai‘i in Fall 2012 (by High School) 1/

High School	Total	Not Enrolled in English		Enrolled in English		Remedial / Developmental Total 2/		Remedial		Developmental		College Level 3/		Other 4/		Other ESL 5/	
		Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%
TOTAL	**4,407**	**1,055**	**23.9**	**3,293**	**74.7**	**1,334**	**32.5**	**270**	**6.1**	**1,064**	**24.1**	**1,818**	**41.3**	**58**	**1.3**	**83**	**1.9**
Aiea High School	135	25	18.5	110	81.5	41	30.4	9	6.7	32	23.7	63	46.7	2	1.5	4	3.0
Connections Charter	11	4	36.4	7	63.6	2	18.2	1	9.1	1	9.1	4	36.4	1	9.1		
Education Laboratory Charter	21	9	42.9	12	57.1	3	14.3			3	14.3	9	42.9				
H P Baldwin High School	133	29	21.8	104	78.2	48	36.1	20	15.0	28	21.1	54	40.6	2	1.5		
Hakipuu Learning Ctr Charter	7	*		*		*		*		*		*		*		*	
Halau Ku Mana-Public Charter	5	*		*		*		*		*		*		*		*	
Halau Lokahi Charter	1	*		*		*		*		*		*		*		*	
Hana High & Elementary School	8	*		*		*		*		*		*		*		*	
Hawaii Academy of Arts and Sci	15	11	73.3	4	26.7	1	6.7			1	6.7	2	13.3	1	6.7		
Hawaii Technology Academy	1	*		*		*		*		*		*		*		*	
Hilo High School	120	36	30.0	84	70.0	43	35.8	14	11.7	29	24.2	29	24.2	9	7.5	3	2.5
Honokaa High School	47	20	42.6	27	57.4	12	25.5	1	2.1	11	23.4	12	25.5	3	6.4		
James B Castle High School	127	34	26.8	93	73.2	44	34.6	9	7.1	35	27.6	49	38.6				
James Campbell High School	188	39	20.7	149	79.3	68	36.2	15	8.0	53	28.2	79	42.0	1	0.5	1	0.5
Kahuku High & Intermediate Sch	58	19	32.8	39	67.2	16	27.6	5	8.6	11	19.0	22	37.9			1	1.7
Kailua High School	58	15	25.9	43	74.1	18	31.0	5	8.6	13	22.4	25	43.1				
Kaimuki High School	95	16	16.8	79	83.2	33	34.7	4	4.2	29	30.5	38	40.0	1	1.1	7	7.4
Kaiser High School	120	28	23.3	92	76.7	26	21.7	2	1.7	24	20.0	65	54.2			1	0.8
Kalaheo High School	54	20	37.0	34	63.0	14	25.9	1	1.9	13	24.1	19	35.2	1	1.9		
Kalani High School	161	39	24.2	122	75.8	32	19.9	1	0.6	31	19.3	87	54.0			3	1.9
Kanu O Ka Aina Charter	7	*		*		*		*		*		*		*		*	
Kapaa High School	88	27	30.7	61	69.3	27	30.7	5	5.7	22	25.0	33	37.5	1	1.1		
Kapolei High School	157	23	14.6	134	85.4	54	34.4	13	8.3	41	26.1	79	50.3			1	0.6

High School	Total	Not Enrolled in English		Enrolled in English		Remedial / Developmental Total 2/		Remedial		Developmental		College Level 3/		Other 4/		Other ESL 5/	
		Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%
Kau High School	29	8	27.6	21	72.4	18	62.1	7	24.1	11	37.9	3	10.3				
Kauai High School	109	26	23.9	83	76.1	44	40.4	8	7.3	36	33.0	37	33.9	2	1.8		
Kawaikini New Cent Pub Charter	2	*		*		*		*		*		*		*		*	
Ke Ana La`ahana PCS	6	*		*		*		*		*		*		*		*	
Ke Kula O Ehunuikaimalino	2	*		*		*		*		*		*		*		*	
Ke Kula O Samuel M Kamakau	4	*		*		*		*		*		*		*		*	
Keaau High School	84	21	25.0	63	75.0	32	38.1	13	15.5	19	22.6	26	31.0	5	6.0		
Kealakehe High School	63	23	36.5	40	63.5	20	31.7	5	7.9	15	23.8	19	30.2	1	1.6		
Kihei Public Charter	15	5	33.3	10	66.7	4	26.7			4	26.7	6	40.0				
King Kekaulike High School	97	27	27.8	70	72.2	28	28.9	6	6.2	22	22.7	40	41.2	2	2.1		
Kohala High School	15	3	20.0	12	80.0	6	40.0	3	20.0	3	20.0	6	40.0				
Konawaena High School	32	18	56.3	14	43.8	7	21.9	1	3.1	6	18.8	5	15.6	2	6.3		
Kua 'O Ka La	2	*		*		*		*		*		*		*		*	
Kula Aupuni Niihau Kahelelani	1	*		*		*		*		*		*		*		*	
Kula Kaiapuni O Anuenue	12	2	16.7	10	83.3	6	50.0			6	50.0	4	33.3				
Lahainaluna High School	51	9	17.6	42	82.4	20	39.2	2	3.9	18	35.3	22	43.1				
Lanai City High School	19	9	47.4	10	52.6	6	31.6	1	5.3	5	26.3	4	21.1				
Laupahoehoe High & Elem School	6	*		*		*		*		*		*		*		*	
Leilehua High School	106	28	26.4	78	73.6	32	30.2	6	5.7	26	24.5	44	41.5			2	1.9
Maui High School	157	26	16.6	131	83.4	56	35.7	24	15.3	32	20.4	74	47.1	1	0.6		
McKinley High School	197	55	27.9	142	72.1	52	26.4	4	2.0	48	24.4	76	38.6	2	1.0	12	6.1
Mililani High School	260	50	19.2	210	80.8	58	22.3	11	4.2	47	18.1	150	57.7			2	0.8
Moanalua High School	226	61	27.0	165	73.0	43	19.0	6	2.7	37	16.4	117	51.8			5	2.2
Molokai High Intermediate Sch	22	5	22.7	17	77.3	15	68.2	7	31.8	8	36.4	2	9.1				
Myron B Thompson Academy	14	7	50.0	7	50.0							7	50.0				
Nanakuli High Intermediate Sch	30	2	6.7	28	93.3	14	46.7	3	10.0	11	36.7	14	46.7				
Niihau School Of Kekaha	1	*		*		*		*		*		*		*		*	

High School	Total	Not Enrolled in English		Enrolled in English		Remedial / Developmental Total 2/		Remedial		Developmental		College Level 3/		Other 4/		Other ESL 5/	
		Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%
Olomana School	1	*		*		*		*		*		*		*		*	
Pahoa High School	56	14	25.0	42	75.0	27	48.2	5	8.9	22	39.3	13	23.2	2	3.6		
Pearl City High School	204	34	16.7	170	83.3	58	28.4	6	2.9	52	25.5	106	52.0	3	1.5	3	1.5
Radford High School	89	20	22.5	69	77.5	38	42.7	2	2.2	36	40.4	26	29.2			5	5.6
Roosevelt High School	195	61	31.3	134	68.7	32	16.4	3	1.5	29	14.9	87	44.6	1	0.5	14	7.2
W R Farrington High School	185	46	24.9	139	75.1	62	33.5	12	6.5	50	27.0	70	37.8	2	1.1	5	2.7
Waiakea High School	154	44	28.6	110	71.4	48	31.2	5	3.2	43	27.9	51	33.1	10	6.5	1	0.6
Waialua High School	22	3	13.6	19	86.4	8	36.4	2	9.1	6	27.3	11	50.0				
Waianae High School	101	11	10.9	90	89.1	48	47.5	8	7.9	40	39.6	39	38.6	1	1.0	2	2.0
Waimea High School	50	13	26.0	37	74.0	22	44.0	6	12.0	16	32.0	14	28.0	1	2.0		
Waipahu High School	166	30	18.1	136	81.9	48	28.9	9	5.4	39	23.5	76	45.8	1	0.6	11	6.6
West Hawaii Explorations Academy	5	*		*		*		*		*		*		*		*	

Notes: H% (horizontal percentage) = percentage headcount of the high school's Total number of graduates enrolled at a UH campus.

* Data not reported due to small cell size

1/ Unduplicated headcount of Hawaii public high school graduates enrolled in a English course. If the student is registered in more than one English class, s/he is counted in the higher level course only.

2/ All remedial and developmental classes were offered at the University of Hawai‘i Community Colleges. The 4-year campuses at Mānoa, Hilo, and West O‘ahu do not offer remedial or developmental classes. Students enrolled at the 4-year campuses are dual enrolled at a community college in order to take remedial and/or developmental coursework. Remedial and developmental classes were identified according to "Remedial and Developmental Education in the University of Hawai‘i Community College System, White paper Group Committee, UHCC," no publication date noted, p. 137, as well as in consultation with the Office of Academic Planning, Assessment and Policy Analysis, UHCC.

3/ College Level courses refer to those that are 100-level and above.

4/ Other courses refer to courses that satisfy general education requirements and in some instances are numbered less than 100 but are not classified as either remedial or developmental. These courses may be used to fulfill a degree or certificate requirement.

5/ Other ESL courses refer to English as a Second Language courses numbers less than 100, and are equivalent to remedial/developmental English.

UH Institutional Research and Analysis Office, May 2013

TABLE 3
June 2012 Hawai‘i Public High School Graduates
Fall 2012 Enrolled Headcount in English Classes 1/
University of Hawai'i, by the Students' Home Campus

	Total	Not Enrolled in English		Enrolled in English		Remedial / Developmental Total 2/		Remedial		Developmental		College Level 3/		Other 4/		Other ESL 5/	
		Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%
TOTAL	**4,407**	**1,073**	**24.3**	**3,334**	**75.7**	**1,357**	**30.8**	**280**	**6.4**	**1,077**	**24.4**	**1,833**	**41.6**	**61**	**1.4**	**83**	**1.9**
4-Year Campuses	**1,149**	**518**	**45.1**	**631**	**54.9**	**1**	**0.0**			**1**	**0.1**	**626**	**54.5**			**4**	**0.3**
UH-Manoa	817	386	47.2	431	52.8					1	0.1	426	52.1			4	0.5
UH-Hilo	226	128	56.6	98	43.4							98	43.4				
UH-West Oahu	106	4	3.8	102	96.2							102	96.2				
UH Community College System	**3,258**	**555**	**12.6**	**2,703**	**83.0**	**1,356**	**41.6**	**280**	**8.6**	**1,076**	**33.0**	**1,207**	**37.0**	**61**	**1.9**	**79**	**2.4**
Hawai‘i Community College	425	103	24.2	322	75.8	219	51.5	63	14.8	156	36.7	61	14.4	38	8.9	4	0.9
Honolulu Community College	382	80	20.9	302	79.1	155	40.6	38	9.9	117	30.6	117	30.6	17	4.5	13	3.4
Kapi‘olani Community College	724	87	12.0	637	88.0	253	34.9			253	34.9	346	47.8			38	5.2
Kaua‘i Community College	190	50	26.3	140	73.7	84	44.2	18	9.5	66	34.7	53	27.9	3	1.6		
Leeward Community College	946	111	11.7	835	88.3	406	42.9	77	8.1	329	34.8	405	42.8			24	2.5
Maui College	394	68	17.3	326	82.7	167	42.4	63	16.0	104	26.4	156	39.6	3	0.8		
Windward Community College	197	56	28.4	141	71.6	72	36.5	21	10.7	51	25.9	69	35.0				

Notes: H% (horizontal percentage) = percentage headcount of the Total number enrolled at a UH campus.

1/ Unduplicated headcount of Hawaii public high school graduates enrolled in a English course. If the student is registered in more than one English class, s/he is counted in the higher level course only.

2/ All remedial and developmental classes were offered at the University of Hawai‘i Community Colleges. The 4-year campuses at Mānoa, Hilo, and West O‘ahu do not offer remedial or developmental classes. Students enrolled at the 4-year campuses are dual enrolled at a community college in order to take remedial and/or developmental coursework. Remedial and developmental classes were identified according to "Remedial and Developmental Education in the University of Hawai‘i Community College System, White paper Group Committee, UHCC," no publication date noted, p. 137, as well as in consultation with the Office of Academic Planning, Assessment and Policy Analysis, UHCC.

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UH Institutional Research and Analysis Office, May 2013

TABLE 4
June 2012 Hawai‘i Public High School Graduates
Enrolled Headcount in Mathematics Classes at the University of Hawai‘i By Course Category 1/
Fall 2008 - Fall 2012

	FALL 2008		FALL 2009		FALL 2010		FALL 2011		FALL 2012	
	TOTAL	V %	TOTAL	V %	TOTAL	V %	TOTAL	V %	TOTAL	V %
Public HS Graduates Enrolled at UH	**4,409**	**100.0**	**4,590**	**100.0**	**4,232**	**100.0**	**4,384**	**100.0**	**4,407**	**100.0**
Not Enrolled in Math	1,673	37.9	1,773	38.6	1,617	38.2	1,690	38.5	1,576	35.8
Enrolled in Math	2,736	62.1	2,817	61.4	2,615	61.8	2,694	61.5	2,831	64.2
Remedial / Developmental 2/	**1,647**	**37.4**	**1,734**	**37.8**	**1,516**	**35.8**	**1,562**	**35.6**	**1,593**	**36.1**
Remedial	462	10.5	473	10.3	522	12.3	672	15.3	591	13.4
Developmental	1,185	26.9	1,261	27.5	994	23.5	890	20.3	1,002	22.7
College Level 3/	**840**	**19.1**	**812**	**17.7**	**856**	**20.2**	**883**	**20.1**	**1,049**	**23.8**
Survey of Math	276	6.3	213	4.6	273	6.5	251	5.7	268	6.1
College Algebra	133	3.0	155	3.4	183	4.3	164	3.7	165	3.7
Pre-Calculus	200	4.5	206	4.5	209	4.9	239	5.5	304	6.9
Calculus or Higher	219	5.0	232	5.1	183	4.3	218	5.0	305	6.9
Statistics	12	0.3	5	0.1	8	0.2	11	0.3	6	0.1
Math for Veterinary Assistants			1	0.0					1	0.0
Other 4/	**249**	**5.6**	**271**	**5.9**	**243**	**5.7**	**249**	**5.7**	**189**	**4.3**
Career/Technical Math	136	3.1	151	3.3	152	3.6	142	3.2	118	2.7
Other College Math	113	2.6	120	2.6	91	2.2	107	2.4	71	1.6

Notes: V% (vertical percentage) = percentage headcount of the total Public High School Graduates Enrolled at UH per fall semester.

1/ Unduplicated headcount of Hawai‘i public high school graduates enrolled in a Math course. If the student is registered in more than one Math class, s/he is counted in the higher level course only.

2/ All remedial and developmental classes were offered at the University of Hawai‘i Community Colleges. The 4-year campuses at Mānoa, Hilo, and West O‘ahu do not offer remedial or developmental classes. Students enrolled at the 4-year campuses are dual enrolled at a community college in order to take remedial and/or developmental coursework. Remedial and developmental classes were identified according to "Remedial and Developmental Education in the University of Hawai‘i Community College System, White paper Group Committee, UHCC," no publication date noted, p. 137, as well as in consultation with the Office of Academic Planning, Assessment and Policy Analysis, UHCC.

3/ College Level courses refer to those that are 100-level and above.

4/ Other courses refer to courses that satisfy general education requirements and in some instances are numbered less than 100 but are not classified as either remedial or developmental. These courses may be used to fulfill a degree or certificate requirement.

UH Institutional Research and Analysis Office, May 2013

TABLE 5
June 2012 Hawai‘i Public High School Graduates
Enrolled Headcount in Mathematics Classes at the University of Hawai‘i in Fall 2012 (by High School) 1/

High School	Total	Not Enrolled in Math		Enrolled in Math		Remedial / Developmental Total 2/		Remedial		Developmental		College Level 3/		Other 4/	
		Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%
TOTAL	**4,407**	**1,547**	**35.1**	**2,801**	**63.6**	**1,573**	**35.7**	**587**	**13.3**	**986**	**22.4**	**1,045**	**23.7**	**183**	**4.2**
Aiea High School	135	47	34.8	88	65.2	45	33.3	19	14.1	26	19.3	33	24.4	10	7.4
Connections Charter	11	8	72.7	3	27.3	1	9.1			1	9.1	2	18.2		
Education Laboratory Charter	21	10	47.6	11	52.4	3	14.3			3	14.3	5	23.8	3	14.3
H P Baldwin High School	133	63	47.4	70	52.6	43	32.3	25	18.8	18	13.5	20	15.0	7	5.3
Hakipuu Learning Ctr Charter	7	*		*		*		*		*		*		*	
Halau Ku Mana-Public Charter	5	*		*		*		*		*		*		*	
Halau Lokahi Charter	1	*		*		*		*		*		*		*	
Hana High & Elementary School	8	*		*		*		*		*		*		*	
Hawaii Academy of Arts and Sci	15	9	60.0	6	40.0	1	6.7			1	6.7	5	33.3		
Hawaii Technology Academy	1	*		*		*		*		*		*		*	
Hilo High School	120	48	40.0	72	60.0	43	35.8	12	10.0	31	25.8	19	15.8	10	8.3
Honokaa High School	47	16	34.0	31	66.0	14	29.8	3	6.4	11	23.4	14	29.8	3	6.4
James B Castle High School	127	48	37.8	79	62.2	47	37.0	18	14.2	29	22.8	28	22.0	4	3.1
James Campbell High School	188	82	43.6	106	56.4	72	38.3	27	14.4	45	23.9	28	14.9	6	3.2
Kahuku High & Intermediate Sch	58	16	27.6	42	72.4	23	39.7	8	13.8	15	25.9	19	32.8		
Kailua High School	58	17	29.3	41	70.7	25	43.1	7	12.1	18	31.0	14	24.1	2	3.4
Kaimuki High School	95	32	33.7	63	66.3	47	49.5	16	16.8	31	32.6	11	11.6	5	5.3
Kaiser High School	120	39	32.5	81	67.5	54	45.0	19	15.8	35	29.2	25	20.8	2	1.7
Kalaheo High School	54	19	35.2	35	64.8	22	40.7	7	13.0	15	27.8	12	22.2	1	1.9
Kalani High School	161	46	28.6	115	71.4	55	34.2	15	9.3	40	24.8	55	34.2	5	3.1
Kanu O Ka Aina Charter	7	*		*		*		*		*		*		*	
Kapaa High School	88	44	50.0	44	50.0	24	27.3	3	3.4	21	23.9	17	19.3	3	3.4
Kapolei High School	157	56	35.7	101	64.3	73	46.5	37	23.6	36	22.9	24	15.3	4	2.5
Kau High School	29	15	51.7	14	48.3	7	24.1	2	6.9	5	17.2	4	13.8	3	10.3
Kauai High School	109	39	35.8	70	64.2	46	42.2	6	5.5	40	36.7	17	15.6	7	6.4
Kawaikini New Cent Pub Charter	2	*		*		*		*		*		*		*	

High School	Total	Not Enrolled in Math		Enrolled in Math		Remedial / Developmental Total 2/		Remedial		Developmental		College Level 3/		Other 4/	
		Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%
Ke Ana La`ahana PCS	6	*		*		*		*		*		*		*	
Ke Kula O Ehunuikaimalino	2	*		*		*		*		*		*		*	
Ke Kula O Samuel M Kamakau	4	*		*		*		*		*		*		*	
Keaau High School	84	32	38.1	52	61.9	28	33.3	12	14.3	16	19.0	18	21.4	6	7.1
Kealakehe High School	63	23	36.5	40	63.5	20	31.7	7	11.1	13	20.6	18	28.6	2	3.2
Kihei Public Charter	15	8	53.3	7	46.7	4	26.7	1	6.7	3	20.0	3	20.0		
King Kekaulike High School	97	41	42.3	56	57.7	42	43.3	30	30.9	12	12.4	12	12.4	2	2.1
Kohala High School	15	2	13.3	13	86.7	8	53.3	4	26.7	4	26.7	5	33.3		
Konawaena High School	32	11	34.4	21	65.6	9	28.1	3	9.4	6	18.8	8	25.0	4	12.5
Kua 'O Ka La	2	*		*		*		*		*		*		*	
Kula Aupuni Niihau Kahelelani	1	*		*		*		*		*		*		*	
Kula Kaiapuni O Anuenue	12	7	58.3	5	41.7	5	41.7	1	8.3	4	33.3				
Lahainaluna High School	51	20	39.2	31	60.8	18	35.3	9	17.6	9	17.6	13	25.5		
Lanai City High School	19	5	26.3	14	73.7	8	42.1	6	31.6	2	10.5	5	26.3	1	5.3
Laupahoehoe High & Elem School	6	*		*		*		*		*		*		*	
Leilehua High School	106	36	34.0	70	66.0	35	33.0	12	11.3	23	21.7	32	30.2	3	2.8
Maui High School	157	78	49.7	79	50.3	58	36.9	35	22.3	23	14.6	18	11.5	3	1.9
McKinley High School	197	58	29.4	139	70.6	66	33.5	11	5.6	55	27.9	70	35.5	3	1.5
Mililani High School	260	73	28.1	187	71.9	91	35.0	36	13.8	55	21.2	86	33.1	10	3.8
Moanalua High School	226	67	29.6	159	70.4	71	31.4	16	7.1	55	24.3	81	35.8	7	3.1
Molokai High Intermediate Sch	22	7	31.8	15	68.2	10	45.5	7	31.8	3	13.6	5	22.7		
Myron B Thompson Academy	14	7	50.0	7	50.0	2	14.3	1	7.1	1	7.1	3	21.4	2	14.3
Nanakuli High Intermediate Sch	30	13	43.3	17	56.7	12	40.0	7	23.3	5	16.7	3	10.0	2	6.7
Niihau School Of Kekaha	1	*		*		*		*		*		*		*	
Olomana School	1	*		*		*		*		*		*		*	
Pahoa High School	56	20	35.7	36	64.3	19	33.9	4	7.1	15	26.8	9	16.1	8	14.3
Pearl City High School	204	72	35.3	132	64.7	62	30.4	25	12.3	37	18.1	61	29.9	9	4.4
Radford High School	89	23	25.8	66	74.2	40	44.9	21	23.6	19	21.3	20	22.5	6	6.7
Roosevelt High School	195	66	33.8	129	66.2	57	29.2	13	6.7	44	22.6	63	32.3	9	4.6
W R Farrington High School	185	61	33.0	124	67.0	74	40.0	17	9.2	57	30.8	43	23.2	7	3.8

High School	Total	Not Enrolled in Math		Enrolled in Math		Remedial / Developmental Total 2/		Remedial		Developmental		College Level 3/		Other 4/	
		Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%
Waiakea High School	154	64	41.6	90	58.4	37	24.0	8	5.2	29	18.8	42	27.3	11	7.1
Waialua High School	22	8	36.4	14	63.6	7	31.8	3	13.6	4	18.2	5	22.7	2	9.1
Waianae High School	101	25	24.8	76	75.2	61	60.4	41	40.6	20	19.8	15	14.9		
Waimea High School	50	24	48.0	26	52.0	17	34.0	3	6.0	14	28.0	6	12.0	3	6.0
Waipahu High School	166	42	25.3	124	74.7	67	40.4	30	18.1	37	22.3	49	29.5	8	4.8
West Hawaii Explorations Academy	5	*		*		*		*		*		*		*	

Notes: H% (horizontal percentage) = percentage headcount of the high school's Total number of graduates enrolled at a UH campus.

1/ Unduplicated headcount of Hawaii public high school graduates enrolled in a English course. If the student is registered in more than one English class, s/he is counted in the higher level course only.

2/ All remedial and developmental classes were offered at the University of Hawai‘i Community Colleges. The 4-year campuses at Mānoa, Hilo, and West O‘ahu do not offer remedial or developmental classes. Students enrolled at the 4-year campuses are dual enrolled at a community college in order to take remedial and/or developmental coursework. Remedial and developmental classes were identified according to "Remedial and Developmental Education in the University of Hawai‘i Community College System, White paper Group Committee, UHCC," no publication date noted, p. 137, as well as in consultation with the Office of Academic Planning, Assessment and Policy Analysis, UHCC.

3/ College Level courses refer to those that are 100-level and above.

4/ Other courses refer to courses that satisfy general education requirements and in some instances are numbered less than 100 but are not classified as either remedial or developmental. These courses may be used to fulfill a degree or certificate requirement.

UH Institutional Research and Analysis Office, May 2013

TABLE 6
June 2012 Hawai‘i Public High School Graduates
Fall 2012 Enrolled Headcount in Mathematics Classes 1/
University of Hawai‘i, by the Students' Home Campus

	Total	Not Enrolled in Math		Enrolled in Math		Remedial / Developmental Total 2/		Remedial		Developmental		College Level 3/		Other 4/	
		Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%	Hct	H%
TOTAL	**4,407**	**1,753**	**39.8**	**2,831**	**64.2**	**1,593**	**36.1**	**591**	**13.4**	**1,002**	**22.7**	**1,049**	**23.8**	**189**	**4.3**
4-Year Campuses	**1,149**	**667**	**58.1**	**659**	**57.4**							**624**	**54.3**	**35**	**3.0**
UH-Manoa	817	362	44.3	455	55.7							423	51.8	32	3.9
UH-Hilo	226	74	32.7	152	67.3							149	65.9	3	1.3
UH-West Oahu	106	54	50.9	52	49.1							52	49.1		
UH Community College System	**3,258**	**1,086**	**33.3**	**2,172**	**66.7**	**1,593**	**48.9**	**591**	**18.1**	**1,002**	**30.8**	**425**	**13.0**	**154**	**4.7**
Hawai‘i Community College	425	174	40.9	251	59.1	182	42.8	48	11.3	134	31.5	22	5.2	47	11.1
Honolulu Community College	382	87	22.8	295	77.2	196	51.3	89	23.3	107	28.0	37	9.7	62	16.2
Kapi‘olani Community College	724	169	23.3	555	76.7	414	57.2	90	12.4	324	44.8	137	18.9	4	0.6
Kaua‘i Community College	190	89	46.8	101	53.2	72	37.9	12	6.3	60	31.6	17	8.9	12	6.3
Leeward Community College	946	308	32.6	638	67.4	475	50.2	225	23.8	250	26.4	143	15.1	20	2.1
Maui College	394	186	47.2	208	52.8	172	43.7	99	25.1	73	18.5	28	7.1	8	2.0
Windward Community College	197	73	37.1	124	62.9	82	41.6	28	14.2	54	27.4	41	20.8	1	0.5

Notes: H% (horizontal percentage) = percentage headcount of the Total number enrolled at a UH campus.

1/ Unduplicated headcount of Hawaii public high school graduates enrolled in a English course. If the student is registered in more than one English class, s/he is counted in the higher level course only.

2/ All remedial and developmental classes were offered at the University of Hawai‘i Community Colleges. The 4-year campuses at Mānoa, Hilo, and West O‘ahu do not offer remedial or developmental classes. Students enrolled at the 4-year campuses are dual enrolled at a community college in order to take remedial and/or developmental coursework. Remedial and developmental classes were identified according to "Remedial and Developmental Education in the University of Hawai‘i Community College System, White paper Group Committee, UHCC," no publication date noted, p. 137, as well as in consultation with the Office of Academic Planning, Assessment and Policy Analysis, UHCC.

3/ College Level courses refer to those that are 100-level and above.

4/ Other courses refer to courses that satisfy general education requirements and in some instances are numbered less than 100 but are not classified as either remedial or developmental. These courses may be used to fulfill a degree or certificate requirement.

UH Institutional Research and Analysis Office, May 2013

APPENDIX A
List of non-College Level English Courses by Category
University of Hawai‘i, Fall 2012

Category	Course Number	Course Title
Remedial and Developmental		
Remedial	ENG 8	Reading/Writing Basics
	ENG 9	Writing Essentials
	ENG 15	English Language Fundamentals
	ENG 18	Reading Essentials
	ENG 19	Writing Essentials
	ENG 20B	Foundation English
	ENG 20C	Foundation English
	ENG 20D	Foundation English
	ENG 20E	Foundation English
	ENG 20R	Reading & Learning Skills
	ENG 20W	College Writing/Grammar
	ENG 97B	Writing Essentials
	LSK 35	Learning Skills for College Success
	PCC 20	Pre-College Communication
Developmental		
	ENG 21 1/	Developmental Reading
	ENG 21 1/	Intermediate Reading
	ENG 21 1/	Intro to College Read
	ENG 21 1/	Intro to College Reading
	ENG 21 1/	Introduction toCollege Reading
	ENG 22 1/	Beginning Composition
	ENG 22 1/	Intro Composition
	ENG 22 1/	Intro to Composition
	ENG 22 1/	Intro to Expos Writing
	ENG 22 1/	Intro to Expository Writing
	ENG 22 1/	Introduction to Composition
	ENG 24	Reading Reasoning and Writing
	ENG 98	Sentence Skills
	ENG 90V	Special Topic: English
Other		
Career/Technical	ENG 60	Technical Writing
	ENG 51	Technical Reading
Coll Read Skills	ENG 102	College Read Skills
	ENG 55	Business Communications
Other ESL	ELI 4	Reading/ Writing American English
	ELI 73	Writing for Foreign Students
	ELI 80	Listening Comprehension II
	ELI 82	Advanced ESL Reading
	ELI 100	Expos Writing: A Guided Approach
	ESL 4	Grammar I
	ESL 7	Computers and Internet for ESL
	ESL 14	Grammar II
	ESL 17	Comp/Internet for ESL Acad Purp
	ESL 19	High Inter Writ for Spkers Oth Lang
	ESL 22	Advanced Writ for Spkers Oth Lang
	ESL 23	Intro Expos Writ for NonNat Spkers
	ESL 23	Advanced Grammar
	ESL 24	Grammar III
	ESL 25	Academic Listening and Speaking
	ESL 74	Introduction to Composition
	ESL 84	Intermediate Composition
	ESL 96	Intro Expos Writ NonNat Spkers
	ESL 97	Grammar III
	ESL 100	Composition I
	ESL 100T	Expository Writing NonNat Tutorial
	ESL 3A	Beginning Writ Spkers Oth Lang
	ESL 9B	Intermediate Writ Spkers Other Lang
	ESL 97W	College Writing
	ESL 98R	Developmental Reading
	ESOL 91F	Inter English Spkers Oth Lang
	ESOL 92F	High Inter English for Spkers Oth Lang
	ESOL 94F	Advanced English for Spkers Oth Lang
	ESOL 90LF	Lab Begin English for Spkers Oth Lang
	ESOL 91LF	Lab Inter English for Spkers Oth Lang
	ESOL 92LF	Lab High Inter English for Spkers Oth Lang

Notes:
1/ Courses with the same course number, but different course titles are offered at multiple colleges within the University of Hawai‘i Community College System. Although these courses may have different titles, the curriculum of these courses with the same course number are the same.

APPENDIX B
List of Non-College Level Mathematics Courses by Category
University of Hawai'i, Fall 2012

Category	Course Number	Course Title
Remedial and Developmental		
Remedial	MATH 1	Basic Math Skills
	MATH 1B	Basic Math Through Prob Solv
	MATH 1C	Basic Mathematics C
	MATH 1D	Basic Mathematics D
	MATH 9 1/	Whole Numbers Skills
	MATH 9 1/	Fundamentals of Mathematics
	MATH 18	Essential Math for Algebra
	MATH 19	Developmental Mathmatics
	MATH 20	Basic Mathematics
	MATH 20B	Foundation Math
	MATH 20D	Foundation Math
	MATH 21A	Basic College Mathmatics
	MATH 21B	Basic College Mathmatics II
	MATH 23	Practical Algebra
	MATH 98M	Fundamentals of Mathematics
	PCM 23	Pre-College Mathematics
Developmental		
	MATH 22 1/	Intro Algebra with Geom
	MATH 22 1/	Pre-Algebra
	MATH 22 1/	Pre-Algebra Mathematics
	MATH 24 1/	Elem Algebra I
	MATH 24 1/	Elementary Algebra I
	MATH 24X	Elementary Algebra I (now MATH 24)
	MATH 25 1/	Elem Algebra II
	MATH 25 1/	Elementary Algebra II
	MATH 25X	Elementary Algebra II (now MATH 25)
	MATH 26	Elementary Algebra
	MATH 27	Intermediate Algebra
	MATH 28	Developmental Mathmatics II
	MATH 29	Developmental Mathmatics III
	MATH 73	Algebraic Foundations I
	MATH 81	Foundations of Mathematics
	MATH 82	Accelerated Algebraic Foundations
	MATH 83	Algebraic Foundations II
	MATH 99V	Special Studies
Other		
Career/Technical Math	MATH 50 1/	Technical Math
	MATH 50 1/	Technical Math I
	MATH 50 1/	Technical Mathematics I
	MATH 50C	Technical Math-Auto
	MATH 50H 1/	Tech Math I-Food Svc
	MATH 50H 1/	Tech Math: CULN
	MATH 51	Algebra Topics for Electricity
	MATH 53	Tech-Occupational Math
	MATH 66	Trig & Alg-Dreng & ET
Other College Math	BUS 100	Math to Solve Bus Problems
	BUS 250	Applied Math in Business
	BUSN 189 1/	Business Mathematics
	BUSN 189 1/	Business Math
	ICS 141 1/	Discrete Math for CS I
	ICS 141 1/	Discrete Math for Com Sci I
	ICS 141 1/	Discrete Math for Comp Sci I
	NREM 203	Ap Cal: Mgt, Life Sci, Hum Res
	PHIL 110 1/	Intro to Deductive Logic
	PHIL 110 1/	Intro to Logic
	PHIL 110 1/	Introduction to Logic
	PHIL 110 1/	Introduction toDeductive Logic
	PHIL 110A	Introduction to Logic
	PHIL 111	Intro to Inductive Logic
	SOCS 150	Street Science

Notes:
1/ Courses with the same course number, but different course titles are offered at multiple colleges within the University of Hawai'i System. Although these courses may have different titles, the curriculum of these courses with the same course number are the same.