



LCC

LASSEN COMMUNITY COLLEGE

2012-2013 Assessment Placement Comparison Study

The purpose of the study was to identify the level of placement in Math and English based on term first enrolled at Lassen Community College (LCC). In order to be included in the study students must have taken the assessment test and enrolled at the institution.

Math Placement

The results of the study showed 18.6% of first-time students did not take the math assessment in 2012-2013, which is a 6.6% decrease from 2010-2011.

Table 1 provides a three-year trend of first-time student headcount by academic year (summer-spring). The results show a 26.3% decrease in headcount of first-time students who enrolled and took a math assessment. Though headcount is decreasing student performance is increasing as the assessment into the lowest remedial math sequence courses (i.e. 101, 102) has decreased from 2010-2011 from 92.0% to 85.4% in 2012-2013.

Table 1 *Math Placement by Academic Year*

Academic Year	2010-2011	2011-2012	2012-2013
Headcount (N)	658	607	521
MATH 101	41.8%	34.8%	37.2%
MATH 102	50.2%	54.4%	48.2%
MATH 51	5.2%	4.9%	9.6%
MATH 60	2.4%	4.3%	3.8%
MATH 40	0.5%	1.6%	1.2%

Data retrieved from LCC Datatel

Table 2 shows a comparison of math placement by term with the majority of first-time students enrolling in the spring terms from academic years 2010 to 2012. However, most recently the fall 2012 term showed the majority of first-time student headcount which is related to the reduction in correspondence education in spring 2013. Most notably, there was a decrease of 12.4% in Math 102 placement from spring 2012 to spring 2013. However, there was an increase of 7.5% in Math 101 from spring 2012 to spring 2013.

Table 2 *Math Placement by Term*

Academic Year	2010-2011			2011-2012			2012-2013		
	Su2010	Fa2010	Sp2011	Su2010	Fa2010	Sp2011	Su2010	Fa2010	Sp2011
Headcount (N)	101	146	411	44	218	345	55	392	74
MATH 101	40.6%	43.2%	41.6%	22.7%	35.8%	35.7%	25.5%	37.8%	43.2%
MATH 102	43.6%	48.6%	52.3%	54.5%	48.2%	58.3%	50.9%	48.2%	45.9%
MATH 51	10.9%	3.4%	4.4%	9.1%	7.3%	2.9%	14.5%	9.4%	6.8%
MATH 60	4.0%	3.4%	1.7%	9.1%	7.3%	1.7%	5.5%	3.6%	4.1%
MATH 40	1.0%	1.4%	0.0%	4.5%	1.4%	1.4%	3.6%	1.0%	0.0%

Data retrieved from LCC Datatel

English Placement

The results of the study showed 4.4% of first-time students did not take the English assessment in 2012-2013, which is a 0.5% increase from 2010-2011.

Table 3 provides a three-year trend of first-time student headcount by academic year (summer-spring). The results show a 38.1% decrease in headcount of first-time students who enrolled and took an English assessment. Though headcount is decreasing student performance is increasing as the assessment into the lowest remedial math sequence courses (i.e. 151, 103, 102) has decreased from 2010-2011 from 64.0% to 59.9% in 2011-2012.

Table 3 *English Placement by Academic Year*

Academic Year	2010-2011	2011-2012	2012-2013
Headcount (N)	845	731	612
ENGL 151	9.5%	8.1%	6.4%
ENGL 103	19.2%	13.8%	18.6%
ENGL 102	35.4%	38.0%	38.4%
ENGL 50	36.0%	40.1%	36.6%

Data retrieved from LCC Datatel

Table 4 shows a comparison of English placement by term with the majority of first-time students enrolling in the spring terms from academic years 2010 to 2012. However, most recently the fall 2012 term showed the majority of first-time student headcount which is related to the reduction in correspondence education in spring 2013. The data reflects an increase of 7.5% in ENGL 50 in spring placement. Similar, spring had an increase in ENGL 151 placement which is contrast the overall frequency of placement over the past three years (9.5% in 10-11 to 6.4% in 12-13).

Table 4 *English Placement by Term*

Academic Year	2010-2011			2011-2012			2012-2013		
	Su2010	Fa2010	Sp2011	Su2010	Fa2010	Sp2011	Su2010	Fa2010	Sp2011
Headcount (N)	129	179	537	51	240	440	68	447	97
ENGL 151	10.1%	11.7%	8.6%	5.9%	10.4%	7.0%	5.9%	5.1%	12.4%
ENGL 103	16.3%	14.0%	21.6%	5.9%	10.8%	16.4%	14.7%	20.1%	14.4%
ENGL 102	33.3%	34.6%	36.1%	21.6%	35.8%	41.1%	36.8%	40.0%	32.0%
ENGL 50	40.3%	39.7%	33.7%	66.7%	42.9%	35.5%	42.6%	34.7%	41.2%