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Re: MIS Student Assessment (SA) report, 2015-16: Summary statistics by college and assessment instrument

Introduction

This document provides summary statistics for the MIS Assessment (MIS SA)[1] report for the 2015-16 year (July 1 of 2015 to June 30 of 2016), which was submitted on March 2017 by the Foothill-De Anza Community College District (FHDA) to the California Community College Chancellor's Office (CCCCO). In contrast to the MIS Data Mart,[2] the figures shown here are for student headcount (non-duplicated student count)—not for the number of tests, as shown in the data mart. In this document, data are disaggregated by college, MIS assessment, and local test descriptor (as shown in SOATEST, Banner). With the purpose of facilitating the review of the data to detect any problem that may have impacted the accuracy of the report, the document also provides (a) headcount figures for the current and prior

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[1] For more information:
http://extranet.cccco.edu/Divisions/TechResearchInfoSys/MIS/DED/StudentAssessment.aspx
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[2] Queries for MIS SA counts for assessment instrument are available at:
http://datamart.cccco.edu/Services/Assessment_Summary.aspx.

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submission years and (b) a crosswalk between codes in the local information system (Banner) and the MIS Assessment Inventory.[3]

Results

Excluding the English as a Second Language (ESL) writing sample, data in Table 1 show a decline between 2014-15 and 2015-16 for the number of students who took at least one course placements test at De Anza College; 9% decline for total headcount. In Table 3, data disaggregated by subject area show a decline of 11% for English and Math, and an increase of 2% for ESL. Data in Table 3 also show that close to 80% of all students who took at least one placement test at De Anza College during this period, took at least one for Math course placement; this compares to about 70% for English and about 20% for ESL. Table 4 shows a crosswalk between SOATEST and MIS assessment codes for De Anza College used by the program that produces the MIS SA report.

Data for Foothill College in Table 2 show a different trend, when compared to data for De Anza College. Student headcount figures for ESL assessments show a decline of about 2% between 2014-15 and 2015-16, while the English and Math assessment show increases that range from 5% (reading comprehension) to 18% (elementary algebra). However, data disaggregated by subject area in Table 3 show a slight decline (1%) between these two years for the total number of students who took at least one assessment for Math course placement at Foothill College. The difference between observed trends in Table 2 (individual tests) and Table 3 (all tests combined) for the Math area is caused by a significant increase in the number of students who took more than one placement test (testing at different levels) for this area in 2015-16 at this college, when compared to the number for the previous year.

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[3] The MIS Assessment Inventory is available at:
http://extranet.cccco.edu/Portals/1/TRIS/MIS/Left_Nav/DED/Appendices/App-I_Approved_Assess_Instr_Feb09.pdf.

For English, the percentage in Table 3 was similar to that in Table 2—about 5%. Data in Table 3 also show significant differences between the two colleges for the English subject area. During the last two years, Foothill College students were less likely to take English placement tests (about 56%), when compared to students at De Anza College (about 68%). Table 5 shows a crosswalk between SOATEST and MIS assessment codes for Foothill College used by the program that produces the MIS SA report.

Table 1. De Anza College: MIS Student Assessment Headcount by Test and Submission Year

Subject Area	SOATEST Title	MIS Code	MIS Title	Submission Year		Change	
				2015	2016	Count	Percent
ENGL	Accuplacer Reading	1053	ACCUPLACER READING COMPREHENSION	6,470	5,741	-729	-11%
	Accuplacer Sentence Skills	1054	ACCUPLACER SENTENCE SKILLS	6,405	5,682	-723	-11%
	QQQ1 control for Writing	5155	DeAnza ENGLISH WRITING SAMPLE	6,470	5,747	-723	-11%
ESL	CELSA ESL Computer & Paper	1074	COMBINED ENGLISH LANGUAGE SKILLS ASSESSMENT(CELSA) Computerized	1,528	1,558	30	2%
	GGG1 control for ESL Writing	5015	DeAnza ESL WRITING SAMPLE	1,521	1,551	30	2%
MATH	Accuplacer Arithmetic	1055	ACCUPLACER ARITHMETIC	1,678	1,540	-138	-8%
	Accuplacer College Level Math	1046	ACCUPLACER COLLEGE LEVEL MATH	3,369	2,995	-374	-11%
	Accuplacer Elem Algebra	1056	ACCUPLACER ELEMENTARY ALGEBRA	4,150	3,745	-405	-10%
	Calc Readiness Test	5401	DeAnza CALCULUS TEST	1,310	1,247	-63	-5%
	DTMS Arithmetic Paper	8026	DeAnza COLLEGE BOARD DTLS ARITHMETIC	0	1	1	-
	DTMS Elem Alg Paper	8027	DeAnza COLLEGE BOARD DTMS ELEMENTARY ALGEBRA	0	1	1	-
Other	Chem 1a Bio 6a paper test	1045	CALIFORNIA CHEMISTRY DIAGNOSTIC TEST	489	427	-62	-13%
	Bio 40A Test	5413	DeAnza BIOLOGY TEST	334	318	-16	-5%
Total Headcount				9,482	8,600	-882	-9%

Notes

Submission year dates: July 1 to June 30.

Data include all assessments for course placement reported in MIS SA (Student Assessment).

Table 2. Foothill College: MIS Student Assessment Headcount by Test and Submission Year

Subject Area	SOATEST Title	MIS Code	MIS Title	Submission Year		Change	
				2015	2016	Count	Percent
ENGL	Accuplacer Reading	1053	ACCUPLACER READING COMPREHENSION	2,514	2,633	119	5%
	Accuplacer Sentence Skills	1054	ACCUPLACER SENTENCE SKILLS	2,477	2,636	159	6%
ESL	Accuplacer ESL Language Usage	1059	ACCUPLACER - ESL LANGUAGE USE	922	909	-13	-1%
	Accuplacer ESL Reading Skills	1058	ACCUPLACER - ESL READING SKILLS	923	903	-20	-2%
	Accuplacer ESL Sent Meaning	1057	ACCUPLACER - ESL SENTENCE MEANING	922	906	-16	-2%
MATH	Accuplacer Arithmetic	1055	ACCUPLACER ARITHMETIC	963	1,088	125	13%
	Accuplacer College Level Math	1046	ACCUPLACER COLLEGE LEVEL MATH	1,970	2,040	70	4%
	Accuplacer Elem Algebra	1056	ACCUPLACER ELEMENTARY ALGEBRA	1,196	1,413	217	18%
Other	Chem 1a paper test	1045	CALIFORNIA CHEMISTRY DIAGNOSTIC TEST	326	347	21	6%
Total Headcount				4,586	4,698	112	2%

Notes

Submission year dates: July 1 to June 30.

Data include all assessments for course placement reported in MIS SA (Student Assessment).

Table 3. MIS Student Assessment Headcount by College, Subject Area, and Submission Year

| | Submission Year | | | | | |
| | 2015 | | 2016 | | Change | |
Subject Area	Count	Percent	Count	Percent	Count	Percent
			De Anza College			
ENGL	6,555	69%	5,814	68%	-741	-11%
ESL	1,529	16%	1,561	18%	32	2%
MATH	7,382	78%	6,600	77%	-782	-11%
Other	793	8%	716	8%	-77	-10%
Total Headcount	9,482	100%	8,600	100%	-882	-9%
			Foothill College			
ENGL	2,515	55%	2,638	56%	123	5%
ESL	923	20%	909	19%	-14	-2%
MATH	3,558	78%	3,523	75%	-35	-1%
Other	326	7%	347	7%	21	6%
Total Headcount	4,586	100%	4,698	100%	112	2%

Notes

Submission year dates: July 1 to June 30.

Data include all assessments for course placement reported in MIS SA (Student Assessment).

Table 4. De Anza College: Crosswalk of SOATEST Codes to MIS Codes

Subject Area	SOATEST Code	SOATEST Code Descriptor	MIS Code	MIS Inventory Title
ENGL	2CRD	Accuplacer Reading	1053	ACCUPLACER READING COMPREHENSION
	2CSS	Accuplacer Sentence Skills	1054	ACCUPLACER SENTENCE SKILLS
	2Q1P	QQQ1 control for Writing	5155	DeAnza ENGLISH WRITING SAMPLE
ESL	2CES	CELSA ESL Computer & Paper	1074	COMBINED ENGLISH LANGUAGE SKILLS ASSESSMENT(CELSA) Computerized
	2GG1	GGG1 control for ESL Writing	5015	DeAnza ESL WRITING SAMPLE
MATH	2ART	DTMS Arithmetic Paper	8026	DeAnza COLLEGE BOARD DTLS ARITHMETIC
	2CAG	Accuplacer Elem Algebra	1056	ACCUPLACER ELEMENTARY ALGEBRA
	2CAL	Calc Readiness Test	5401	DeAnza CALCULUS TEST
	2CAR	Accuplacer Arithmetic	1055	ACCUPLACER ARITHMETIC
	2CCL	Accuplacer College Level Math	1046	ACCUPLACER COLLEGE LEVEL MATH
	2EAL	DTMS Elem Alg Paper	8027	DeAnza COLLEGE BOARD DTMS ELEMENTARY ALGEBRA
Other	2C40	Bio 40A Test	5413	DeAnza BIOLOGY TEST
	2CHM	Chem 1a Bio 6a paper test	1045	CALIFORNIA CHEMISTRY DIAGNOSTIC TEST Full

Table 5. Foothill College: Crosswalk of SOATEST Codes to MIS Codes

Subject Area	SOATEST Code	SOATEST Code Descriptor	MIS Code	MIS Inventory Title
ENGL	1CRD	Accuplacer Reading	1053	ACCUPLACER READING COMPREHENSION
	1CSS	Accuplacer Sentence Skills	1054	ACCUPLACER SENTENCE SKILLS
ESL	1ERS	Accuplacer ESL Reading Skills	1058	ACCUPLACER - ESL READING SKILLS
	1ESM	Accuplacer ESL Sent Meaning	1057	ACCUPLACER - ESL SENTENCE MEANING
	1LU	Accuplacer ESL Language Usage	1059	ACCUPLACER - ESL LANGUAGE USE
MATH	1CAG	Accuplacer Elem Algebra	1056	ACCUPLACER ELEMENTARY ALGEBRA
	1CAR	Accuplacer Arithmetic	1055	ACCUPLACER ARITHMETIC
	1CCL	Accuplacer College Level Math	1046	ACCUPLACER COLLEGE LEVEL MATH
Other	1CHM	Chem 1a paper test	1045	CALIFORNIA CHEMISTRY DIAGNOSTIC TEST