

To: Basic Skills Initiative Team

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Subject: MPS Success Rates 2009-10 to 2010-11

Success rates for the Math Performance Success program were calculated for fall 2009, winter 2010, spring 2010, fall 2010, winter 2011 and spring 2011. Non MPS sections of MATH 212, 210, 114 and 10 was also included as a comparator.

From 2009-10 to 2010-11 the following changes were made to the program: 3 additional sections were added in 2010-11: 1 section of MATH 114, 1 section of MATH 210 and 1 section of MATH 10. 88 additional students received a grade in 2010-11 than in 2009-10. Three new instructors were added to the program in 2010-11 that had not taught in the program the year prior. An academic advisor was added to the program in 2010-11.

Findings Include:

- Success rates in MPS courses were 80% in 2009-10 and 76% in 2010-11. Success rates of all non MPS math comparator sections were 56% in 2009-10 and 57% in 2010-11.
- Success rates for MPS MATH 212 decreased from 76% in 2009-10 to 68% in 2010-11. Success rates in non MPS MATH 212 comparator sections were at 54% in 2009-10 and 2010-11.
- Success rates for MPS MATH 210 courses decreased from 78% in 2009-10 to 66% in 2010-11. Success rates in non MPS MATH 210 comparator sections were at 52% in 2009-10 and increased to 57% in 2010-11.
- Success rates for MPS MATH 114 courses increased from 79% in 2009-10 to 82% in 2010-11. Success rates in non MPS MATH 114 comparator sections were at 58% in 2009-10 and 2010-11.
- Success rates for MPS MATH 10 courses decreased from 85% in 2009-10 to 78% in 2010-11. Success rates in non MPS MATH 10 comparator sections were at 57% in 2009-10 and 59% in 2010-11.

Possibilities for Additional Analysis:

- The MPS program may choose to survey their students regarding their perception of the program.
 - Whether students feel they are more successful academically because of their enrollment in the MPS program.

- Whether students feel that their interaction with the academic advisor and academic counselor helped them be successful in the program and at De Anza.
- Survey faculty members on their perception of student success in the program, the effectiveness of the academic counselor and the academic advisor.

By Course

		MPS Success Rates							
		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2009-10	MATH212.	100	76%	18	14%	14	11%	132	100%
	MATH210.	28	78%	4	11%	4	11%	36	100%
	MATH114.	141	79%	22	12%	15	8%	178	100%
	MATH010.	153	85%	14	8%	13	7%	180	100%
Total		422	80%	58	11%	46	9%	526	100%

		MPS Success Rates							
		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2010-11	MATHD212.	97	68%	27	19%	19	13%	143	100%
	MATHD210.	41	66%	14	23%	7	11%	62	100%
	MATHD114.	163	82%	21	11%	14	7%	198	100%
	MATHD010.	165	78%	34	16%	12	6%	211	100%
Total		466	76%	96	16%	52	8%	614	100%

By Course and Year

MPS Success Rates

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2009F	MATH212.	51	81%	5	8%	7	11%	63	100%
	MATH210.	28	78%	4	11%	4	11%	36	100%
	MATH010.	56	82%	5	7%	7	10%	68	100%
2010W	MATH212.	49	71%	13	19%	7	10%	69	100%
	MATH114.	94	85%	9	8%	7	6%	110	100%
2010S	MATH114.	47	69%	13	19%	8	12%	68	100%
	MATH010.	97	87%	9	8%	6	5%	112	100%
Total		422	80%	58	11%	46	9%	526	100%

MPS Success Rates

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2010F	MATHD212.	44	57%	16	21%	17	22%	77	100%
	MATHD210.	41	66%	14	23%	7	11%	62	100%
	MATHD114.	30	88%	4	12%			34	100%
	MATHD010.	56	78%	10	14%	6	8%	72	100%
2011W	MATHD212.	53	80%	11	17%	2	3%	66	100%
	MATHD114.	91	88%	3	3%	9	9%	103	100%
	MATHD010.	30	81%	6	16%	1	3%	37	100%
2011S	MATHD114.	42	69%	14	23%	5	8%	61	100%
	MATHD010.	79	77%	18	18%	5	5%	102	100%
Total		466	76%	96	16%	52	8%	614	100%

By Course**Success Rates of All Non MPS Sections of Math 212, 210, 114 and 10**

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2009-10	MATH212.	1,404	54%	697	27%	507	19%	2,608	100%
	MATH210.	693	52%	414	31%	233	17%	1,340	100%
	MATH114.	1,818	58%	776	25%	518	17%	3,112	100%
	MATH010.	1,710	57%	604	20%	678	23%	2,992	100%
Total		5,625	56%	2,491	25%	1,936	19%	10,052	100%

Note: Excludes course reference numbers identified as MPS sections.

Success Rates of All Non MPS Sections of Math 212, 210, 114 and 10

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2010-11	MATHD212.	1,327	54%	688	28%	436	18%	2,451	100%
	MATHD210.	785	57%	390	28%	199	14%	1,374	100%
	MATHD114.	1,743	58%	746	25%	499	17%	2,988	100%
	MATHD010.	1,889	59%	602	19%	703	22%	3,194	100%
Total		5,744	57%	2,426	24%	1,837	18%	10,007	100%

Note: Excludes course reference numbers identified as MPS sections.

By Course and Year

Success Rates of All Non MPS Sections of Math 212, 210, 114 and 10

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2009F	MATH212.	511	59%	207	24%	147	17%	865	100%
	MATH210.	304	54%	185	33%	70	13%	559	100%
	MATH114.	689	60%	258	23%	196	17%	1,143	100%
	MATH010.	598	58%	211	21%	219	21%	1,028	100%
2010W	MATH212.	537	52%	287	28%	201	20%	1,025	100%
	MATH210.	237	52%	123	27%	100	22%	460	100%
	MATH114.	581	58%	249	25%	179	18%	1,009	100%
	MATH010.	531	57%	192	21%	213	23%	936	100%
2010S	MATH212.	356	50%	203	28%	159	22%	718	100%
	MATH210.	152	47%	106	33%	63	20%	321	100%
	MATH114.	548	57%	269	28%	143	15%	960	100%
	MATH010.	581	57%	201	20%	246	24%	1,028	100%
Total		5,625	56%	2,491	25%	1,936	19%	10,052	100%

Note: Excludes course reference numbers identified as MPS sections.

Success Rates of All Non MPS Sections of Math 212, 210, 114 and 10

		Success		Non Success		Withdraw		Total	
		Grades	Percent	Grades	Percent	Grades	Percent	Grades	Percent
2010F	MATHD212.	509	53%	283	30%	160	17%	952	100%
	MATHD210.	340	62%	156	28%	55	10%	551	100%
	MATHD114.	655	59%	265	24%	181	16%	1,101	100%
	MATHD010.	596	55%	225	21%	264	24%	1,085	100%
2011W	MATHD212.	445	54%	224	27%	153	19%	822	100%
	MATHD210.	209	52%	109	27%	82	21%	400	100%
	MATHD114.	600	60%	234	23%	167	17%	1,001	100%
	MATHD010.	638	62%	163	16%	233	23%	1,034	100%
2011S	MATHD212.	373	55%	181	27%	123	18%	677	100%
	MATHD210.	236	56%	125	30%	62	15%	423	100%
	MATHD114.	488	55%	247	28%	151	17%	886	100%
	MATHD010.	655	61%	214	20%	206	19%	1,075	100%
Total		5,744	57%	2,426	24%	1,837	18%	10,007	100%

Note: Excludes course reference numbers identified as MPS sections.