

Tables

Table 1: Hypothetical Success Rates, Moraine Valley Community College Developmental Education 2013-2019

Faculty	Average				Hypothetical Success Rates				
	Pass Rate (APR)	A Grade (AAG)	B Grade (ABG)	C Grade (ACG)	A-Grade AAG*0.85 (HSRa)	B-Grade ABG*0.75 (HSRb)	C-Grade ACG*0.60 (HSRc)	Progression HSRa+HSRb+HSRc (PSR)	Composite APR*PSR/100 (HSR)
1	64%	14%	33%	53%	11.90%	24.75%	31.80%	68.45%	43.81%
2	65%	22%	36%	42%	18.70%	27.00%	25.20%	70.90%	46.09%
3	52%	20%	32%	48%	17.00%	24.00%	28.80%	69.80%	36.30%
4	42%	9%	59%	32%	7.65%	44.25%	19.20%	71.10%	29.86%
5	87%	44%	28%	28%	37.40%	21.00%	16.80%	75.20%	65.42%
6	39%	13%	39%	48%	11.05%	29.50%	28.80%	69.10%	26.95%
7	53%	12%	35%	53%	10.20%	26.25%	31.80%	68.25%	36.17%
8	70%	26%	40%	34%	22.10%	30.00%	20.40%	72.50%	50.75%
9	56%	19%	43%	38%	16.15%	32.25%	22.80%	71.20%	39.87%
10	55%	12%	35%	53%	10.20%	26.25%	31.80%	68.25%	37.54%
11	51%	15%	53%	31%	12.75%	39.75%	18.60%	71.10%	36.26%
Total	60%	20%	36%	44%	17.00%	27.00%	26.40%	70.40%	42.24%

Note: "Pass" defined as letter grades A, B, or C

Table 2: Hypothetical Success Rates, Moraine Valley Community College Developmental Reading 2015-2020

Faculty	Average				Hypothetical Success Rates				
	Pass Rate (APR)	A Grade (AAG)	B Grade (ABG)	C Grade (ACG)	A-Grade AAG*0.85 (HSRa)	B-Grade ABG*0.75 (HSRb)	C-Grade ACG*0.60 (HSRc)	Progression HSRa+HSRb+HSRc (PSR)	Composite APR*PSR/100 (HSR)
Susan	70%	27%	36%	37%	22.95%	27.00%	22.20%	72.15%	50.51%
Rita	76%	35%	40%	25%	29.75%	30.00%	15.00%	74.75%	56.81%
Jennifer	65%	-	36%	66%	-	27.00%	39.60%	66.60%	43.29%

Note: "Pass" defined as letter grades A, B, or C

Table 3: Actual Future Success Rates, Moraine Valley Community College Developmental Reading 2015-2020

Faculty	Average Current Level			Actual Next Course Pass Rate			Actual Future Success Rates			
	A Grade (AAG)	B Grade (ABG)	C Grade (ACG)	A Grade (APA)	B Grade (APB)	C Grade (APC)	A-Grade $\frac{AAG*APA}{100}$ (AFSRa)	B-Grade $\frac{ABG*APB}{100}$ (AFSRb)	C-Grade $\frac{ACG*APC}{100}$ (AFSRc)	Progression $\frac{AFSRa+AFSRb+AFSRc}{3}$ (PFSR)
Susan	27%	36%	37%	96%	62%	40%	25.92%	22.32%	14.8%	63.04%
Rita	35%	40%	25%	80%	85%	53%	28.00%	34.00%	13.25%	75.25%
Jennifer	0%	36%	66%	-	97%	76%	-	34.92%	50.16%	85.08%

Note: "Pass" defined as letter grades A, B, and C
 For "Next Course Pass Rate" n=100 per faculty

Table 4: Projected Future Success Rates, Moraine Valley Community College Developmental Reading 2015-2020

		Predictive Success Rates			
		Actual Future		Hypothetical	
Faculty	Average Pass Rate (APR)	Progression Future (PFSR)	Composite $\frac{APR*PFSR}{100}$ (AFSR)	Progression (PSR)	Composite (HSR)
Susan	70%	63.04%	44.13%	72.15%	50.51%
Rita	76%	75.25%	57.19%	74.75%	56.81%
Jennifer	65%	85.08%	55.30%	66.60%	43.29%

Note: "Pass" defined as letter grades A, B, and C

Appendix A

Hypothetical Success Rate (HSR) Calculation and Term Definitions $HSR = \frac{APR \times PSR}{100}$
Where: <i>Average Pass Rate (APR) = The average number of students who received a grade of A, B, or C over a given number of semesters.</i> and <i>Progression Success Rate (PSR) = HSRa + HSRb + HSRc</i>
Where: <i>A-Grade Hypothetical Success Rate (HSRa) = AAG × 0.85</i> and <i>B-Grade Hypothetical Success Rate (HSRb) = ABG × 0.75</i> and <i>C-Grade Hypothetical Success Rate (HSRc) = ACG × 0.60</i>
Where: <i>Average A Grades (AAG) = The average number of students who received a grade of A over a given number of semesters.</i> and <i>Average B Grades (ABG) = The average number of students who received a grade of B over a given number of semesters.</i> and <i>Average C Grades (ACG) = The average number of students who received a grade of C over a given number of semesters.</i>

Appendix B

Actual Future Success Rate (AFSR) and Term Definitions $AFSR = \frac{APR \times PFSR}{100}$
Where: <i>Average Pass Rate (APR) = The average number of students who received a grade of A, B, or C over a given number of semesters.</i> and <i>Progression Future Success Rate (PFSR) = AFSRa + AFSRb + AFSRc</i>
Where: <i>A-Grade Actual Future Success Rate (AFSRa) = $\frac{AAG \times APA}{100}$</i> and <i>B-Grade Actual Future Success Rate (AFSRb) = $\frac{ABG \times APB}{100}$</i> and <i>C-Grade Actual Future Success Rate (AFSRc) = $\frac{ACG \times APC}{100}$</i>
Where: <i>Average A Grades (AAG) = The average number of students who received a grade of A over a given number of semesters.</i> and <i>Average B Grades (ABG) = The average number of students who received a grade of B over a given number of semesters.</i> and <i>Average C Grades (ACG) = The average number of students who received a grade of C over a given number of semesters.</i> and <i>A-Grade Actual Pass Rate (APA) = Percentage of students who received a grade of A from a given faculty in the originating course who went on to successfully completed (with a grade of A, B, or C) the following course in a given course sequence beyond the originating course.</i> and <i>B-Grade Actual Pass Rate (APB) = Percentage of students who received a grade of B from a given faculty in the originating course who went on to successfully completed (with a grade of A, B, or C) the following course in a given course sequence beyond the originating course.</i> and <i>C-Grade Actual Pass Rate (APC) = Percentage of students who received a grade of C from a given faculty in the originating course who went on to successfully completed (with a grade of A, B, or C) the following course in a given course sequence beyond the originating course.</i>