

# Community College of Aurora

## Trend Data (Before/After CUE Equity Scorecard)

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# Success Rate Trend Data for Lowest Placing Students (Mat 050)

Fall and Spring Semesters from F10 to F15

Prior to Redesign

After Redesign

Fig. 1

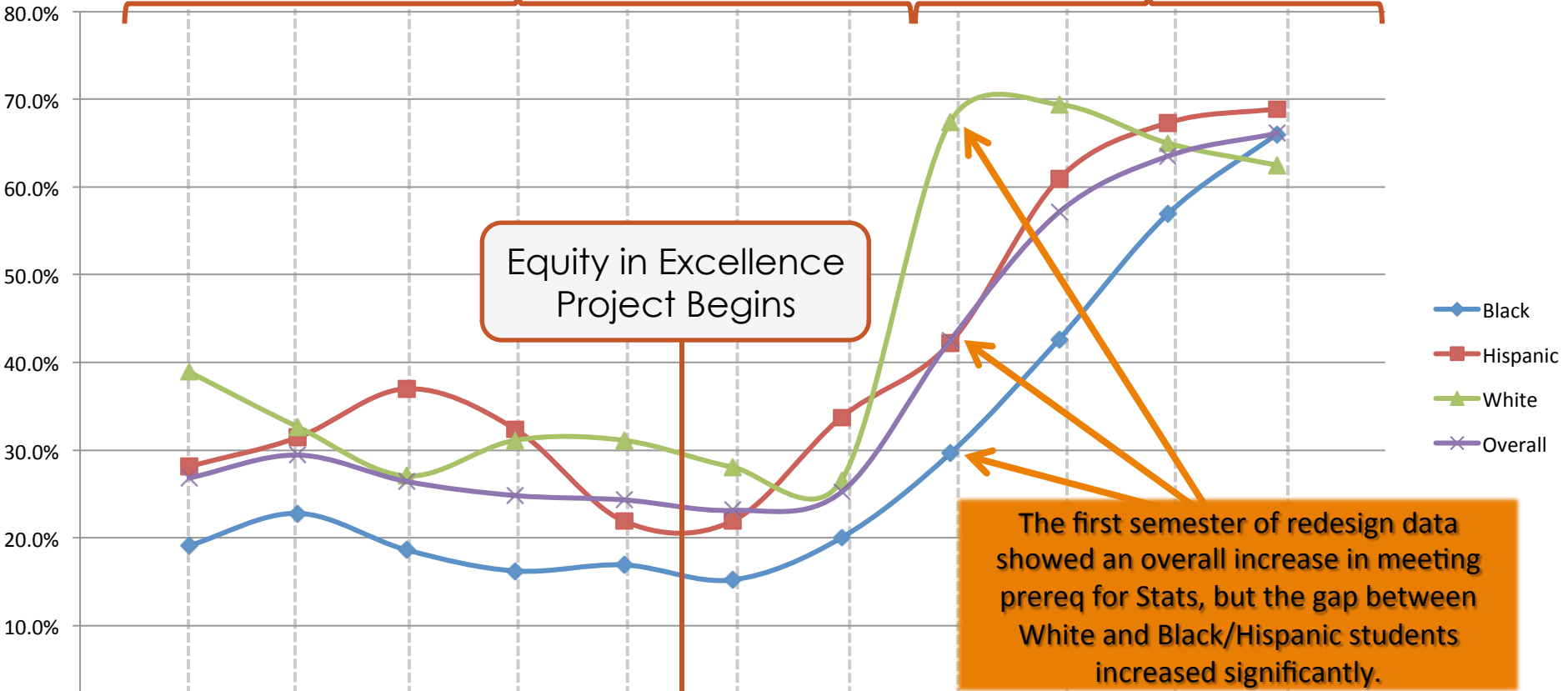


FIG. 2

F10 S11 F11 S12 F12 S13 F13 S14 F14 S15 F15

	F10	S11	F11	S12	F12	S13	F13	S14	F14	S15	F15
Black	19.1%	22.8%	18.6%	16.2%	16.9%	15.2%	20.0%	29.6%	42.6%	56.9%	66.0%
Hispanic	28.1%	31.4%	37.0%	32.4%	21.9%	21.9%	33.7%	42.2%	60.9%	67.3%	68.9%
White	38.9%	32.7%	27.0%	31.1%	31.1%	28.1%	26.5%	67.4%	69.4%	65.0%	62.5%
Overall	26.8%	29.4%	26.4%	24.8%	24.3%	23.1%	25.2%	42.5%	57.1%	63.5%	66.1%

# Success Rate Trend Data for Lowest Placing Students (Mat 050)

Fall and Spring Semesters from F10 to F15

Prior to Redesign

After Redesign

Fig. 1

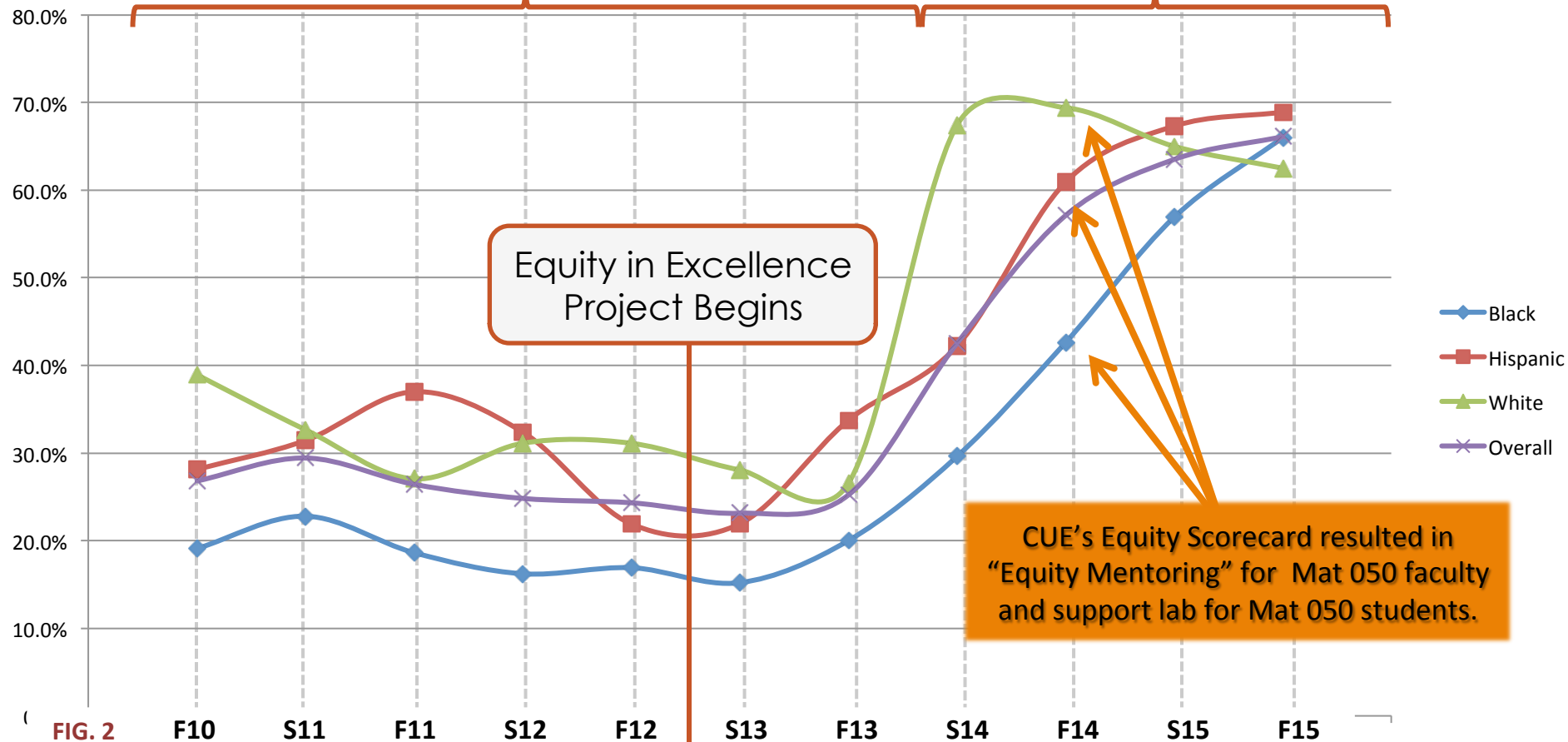


FIG. 2

F10 S11 F11 S12 F12 S13 F13 S14 F14 S15 F15

	F10	S11	F11	S12	F12	S13	F13	S14	F14	S15	F15
Black	19.1%	22.8%	18.6%	16.2%	16.9%	15.2%	20.0%	29.6%	42.6%	56.9%	66.0%
Hispanic	28.1%	31.4%	37.0%	32.4%	21.9%	21.9%	33.7%	42.2%	60.9%	67.3%	68.9%
White	38.9%	32.7%	27.0%	31.1%	31.1%	28.1%	26.5%	67.4%	69.4%	65.0%	62.5%
Overall	26.8%	29.4%	26.4%	24.8%	24.3%	23.1%	25.2%	42.5%	57.1%	63.5%	66.1%

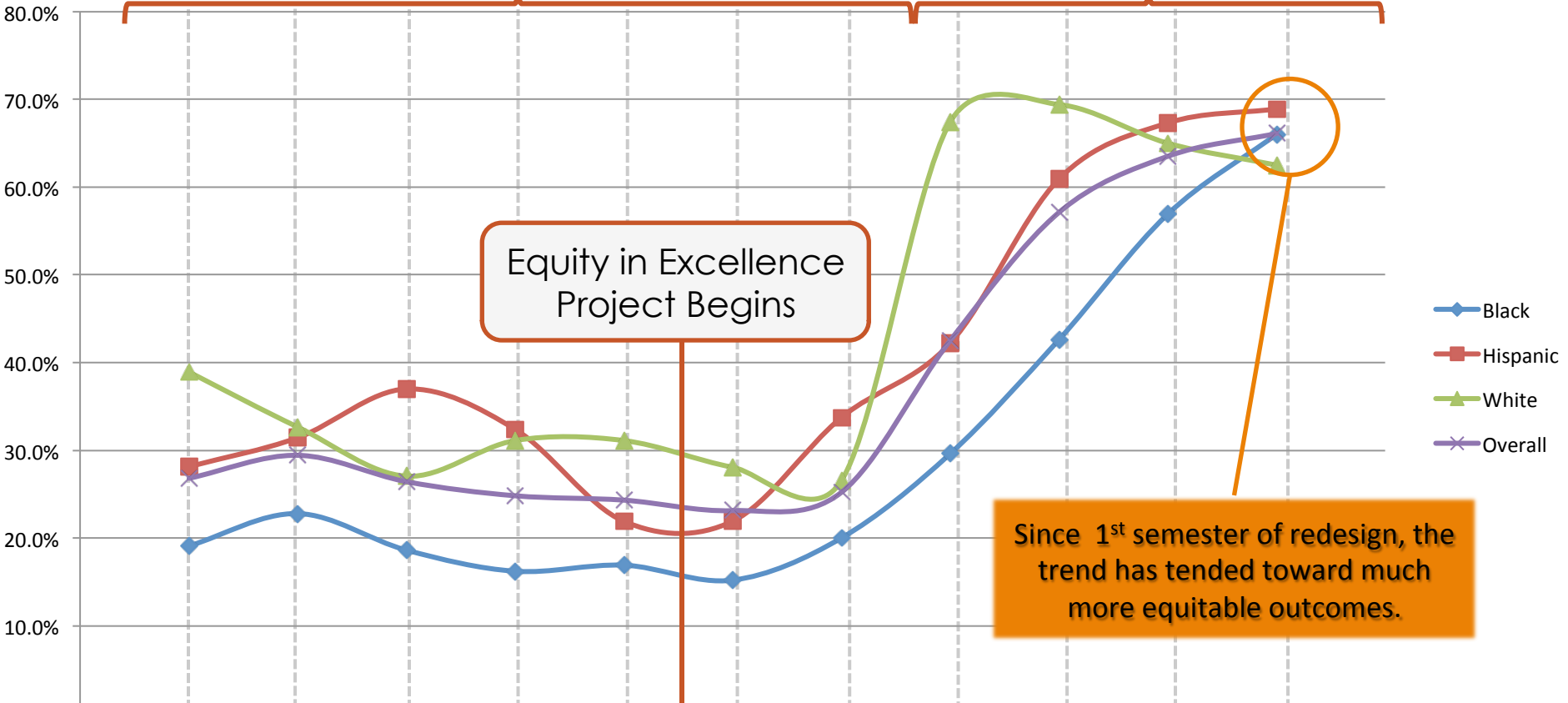
# Success Rate Trend Data for Lowest Placing Students (Mat 050)

Fall and Spring Semesters from F10 to F15

Prior to Redesign

After Redesign

Fig. 1



Equity in Excellence Project Begins

Since 1<sup>st</sup> semester of redesign, the trend has tended toward much more equitable outcomes.

FIG. 2

F10 S11 F11 S12 F12 S13 F13 S14 F14 S15 F15

	F10	S11	F11	S12	F12	S13	F13	S14	F14	S15	F15
Black	19.1%	22.8%	18.6%	16.2%	16.9%	15.2%	20.0%	29.6%	42.6%	56.9%	66.0%
Hispanic	28.1%	31.4%	37.0%	32.4%	21.9%	21.9%	33.7%	42.2%	60.9%	67.3%	68.9%
White	38.9%	32.7%	27.0%	31.1%	31.1%	28.1%	26.5%	67.4%	69.4%	65.0%	62.5%
Overall	26.8%	29.4%	26.4%	24.8%	24.3%	23.1%	25.2%	42.5%	57.1%	63.5%	66.1%

# Success Rate Trend Data for Lowest Placing Students (Mat 050)

Fall and Spring Semesters from F10 to F15

Success Rates Provided  
with n-values

Fig. 3

	F10	S11	F11	S12	F12	S13	F13	S14	F14	S15	F15
Black	19.1% (n=162)	22.8% (n=158)	18.6% (n=145)	16.2% (n=185)	16.9% (n=207)	15.2% (n=125)	20.0% (n=140)	29.6% (n=71)	42.6% (n=61)	56.9% (n=71)	66.0% (n=53)
Hispanic	28.1% (n=64)	31.4% (n=70)	37.0% (n=73)	32.4% (n=71)	21.9% (n=105)	21.9% (n=73)	33.7% (n=83)	42.2% (n=45)	60.9% (n=64)	67.3% (n=49)	68.9% (n=45)
White	38.9% (n=108)	32.7% (n=98)	27.0% (n=122)	31.1% (n=105)	31.1% (n=135)	28.1% (n=114)	26.5% (n=98)	67.4% (n=46)	69.4% (n=62)	65.0% (n=40)	62.5% (n=48)
<b>Overall*</b>	<b>26.8%</b>	<b>29.4%</b>	<b>26.4%</b>	<b>24.8%</b>	<b>24.3%</b>	<b>23.1%</b>	<b>25.2%</b>	<b>42.5%</b>	<b>57.1%</b>	<b>63.5%</b>	<b>66.1%</b>

A comparison of CCA data with  
Colorado Community College  
System (CCCS) Data

	Fall 2014			Spring 2015		
	CCA	CCCS	+/-	CCA	CCCS	+/-
Black	42.6%	45.9%	-3.3%	56.9%	43.5%	+13.4%
Hispanic	60.9%	59.2%	+1.7%	67.3%	56.3%	+11.0%
White	69.4%	63.4%	+6.0%	65.0%	63.1%	+1.9%
<b>Overall*</b>	<b>57.1%</b>	<b>59.9%</b>	<b>-2.8%</b>	<b>63.5%</b>	<b>59.3%</b>	<b>+4.2%</b>

\*Students who identify as Asian/Pacific islander, Native American, and Other/Choose Not to Identify are included in the overall average. They are not broken out individually due to their relatively small numbers.

# Success Rate Trend Data for Intermediate Algebra Students (Mat 055) FY09 to Fall 2015

Fig. 4

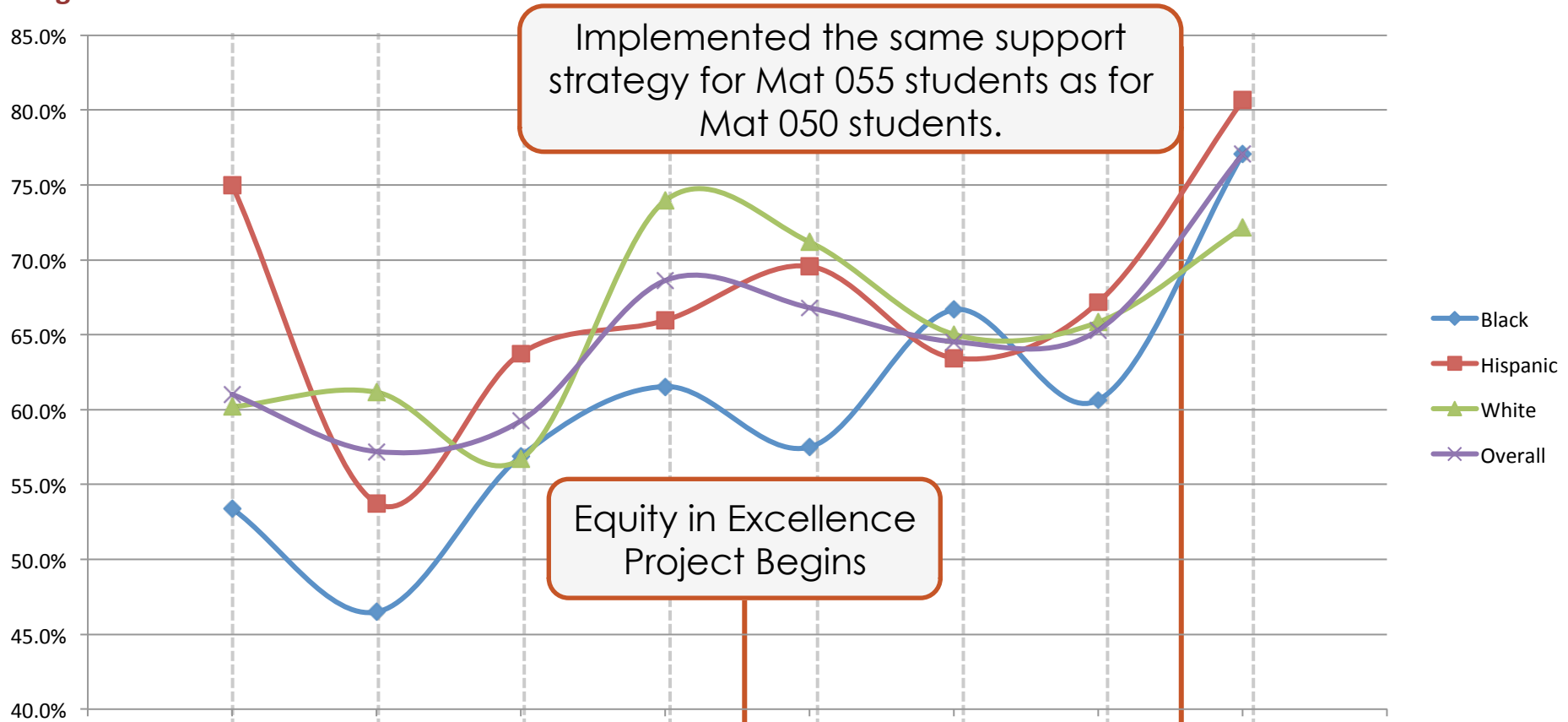


Fig. 5

	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FALL 2015
Black	53.4%	46.5%	56.9%	61.5%	57.5%	66.7%	60.6%	77.0%
Hispanic	75.0%	53.8%	63.8%	66.0%	69.6%	63.4%	67.2%	80.6%
White	60.2%	61.2%	56.7%	74.0%	71.2%	65.0%	65.8%	72.2%
Overall	61.0%	57.2%	59.3%	68.6%	66.8%	64.5%	65.3%	77.1%

# Success Rate Trend Data for Intermediate Algebra Students (Mat 055)

FY09 to Fall 2015

Success Rates Provided  
with n-values

Fig. 6

	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FALL 2015
Black	53.4% (n=133)	46.5% (n=114)	56.9% (n=116)	61.5% (n=130)	57.5% (n=120)	66.7% (n=144)	60.6% (n=155)	77.0% (n=61)
Hispanic	75.0% (n=80)	53.8% (n=80)	63.8% (n=80)	66.0% (n=94)	69.6% (n=115)	63.4% (n=145)	67.2% (n=198)	80.6% (n=93)
White	60.2% (n=246)	61.2% (n=224)	56.7% (n=194)	74% (n=192)	71.2% (n=177)	65.0% (n=223)	65.8% (n=202)	72.2% (n=79)
<b>Overall*</b>	<b>61%</b>	<b>57.2%</b>	<b>59.3%</b>	<b>68.6%</b>	<b>66.8%</b>	<b>64.5%</b>	<b>65.3%</b>	<b>77.1%</b>

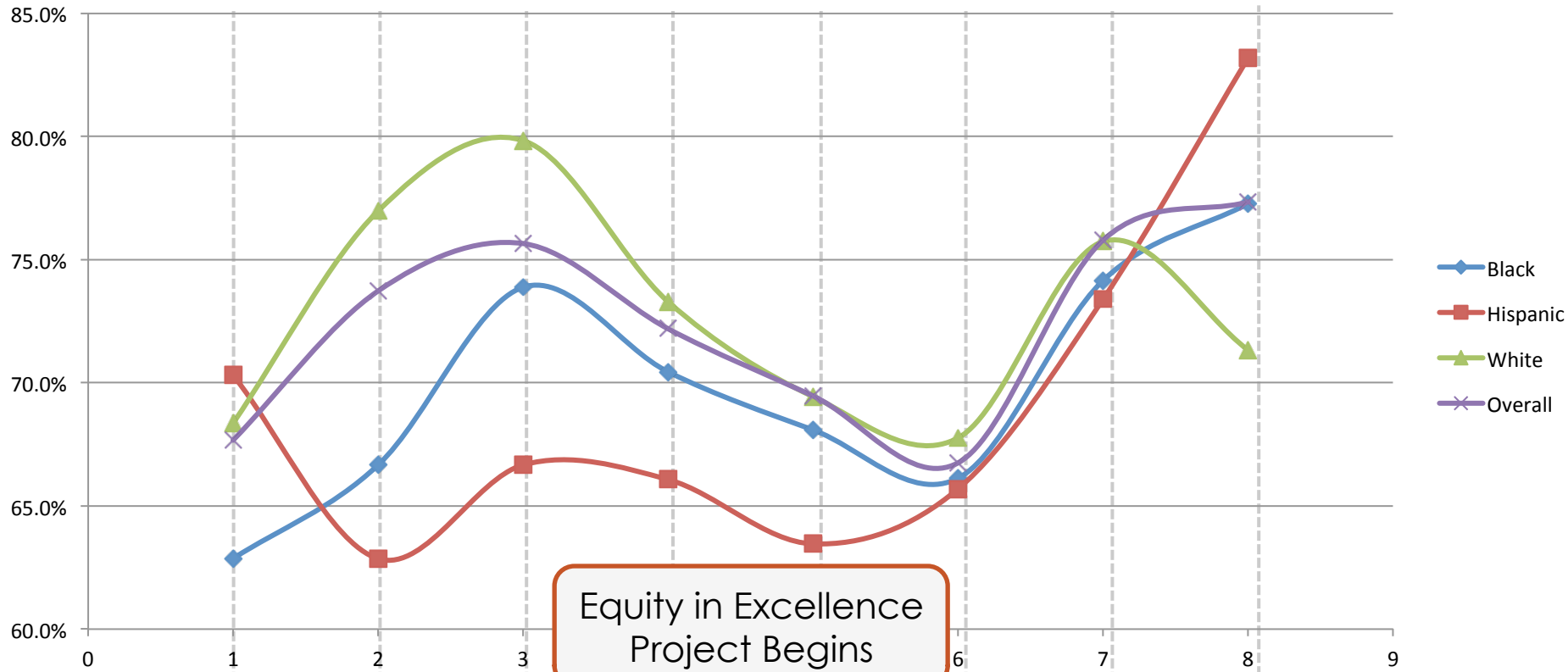
A comparison of CCA  
data with CCCS Data

	FY 2015		
	CCA	CCCS	+/-
Black	66.7%	44.9%	+21.8%
Hispanic	63.4%	58.0%	+5.4%
White	65.0%	63.3%	+1.7%
<b>Overall*</b>	<b>64.5%</b>	<b>59.7%</b>	<b>+4.8%</b>

\*Students who identify as Asian/Pacific islander, Native American, and Other/Choose Not to Identify are included in the overall average. They are not broken out individually due to their relatively small numbers.

# Success Rate Trend Data for College Algebra Students (Mat 121) FY09 to Fall 2015

**Fig. 7**



**Fig. 8**      **FY09**      **FY10**      **FY11**      **FY12**      **FY13**      **FY14**      **FY15**      **FALL 2015**

Black	62.9%	66.7%	73.9%	70.4%	68.1%	66.1%	74.2%	77.3%
Hispanic	70.3%	62.9%	66.7%	66.1%	63.5%	65.7%	73.4%	83.2%
White	68.3%	77.0%	79.8%	73.3%	69.4%	67.8%	75.7%	71.3%
Overall	67.7%	73.7%	75.7%	72.2%	69.5%	66.8%	75.8%	77.3%



# Success Rate Trend Data for College Algebra Students (Mat 121) FY09 to Fall 2015

Success Rates Provided  
with n-values

**Fig. 9**

	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FALL 2015</b>
<b>Black</b>	62.9% (n=105)	66.7% (n=120)	73.9% (n=134)	70.4% (n=159)	68.1% (n=188)	66.1% (n=186)	74.2% (n=178)	77.3% (n=88)
<b>Hispanic</b>	70.3% (n=64)	62.9% (n=70)	66.7% (n=99)	66.1% (n=112)	63.5% (n=156)	65.7% (n=172)	73.4% (n=203)	83.2% (n=119)
<b>White</b>	68.3% (n=218)	77% (n=291)	79.8% (n=238)	73.3% (n=292)	69.4% (n=337)	67.8% (n=304)	75.7% (n=272)	71.3% (n=136)
<b>Overall*</b>	<b>67.7%</b>	<b>73.7%</b>	<b>75.7%</b>	<b>72.2%</b>	<b>69.5%</b>	<b>66.8%</b>	<b>75.8%</b>	<b>77.3%</b>

A comparison of CCA  
data with CCCS Data

	<b>FY 2015</b>		
	<b>CCA</b>	<b>CCCS</b>	<b>+/-</b>
<b>Black</b>	74.2%	52.8%	+21.4%
<b>Hispanic</b>	73.4%	59.2%	+14.2%
<b>White</b>	75.7%	64.3%	+11.4%
<b>Overall*</b>	<b>75.8%</b>	<b>62.8%</b>	<b>+13.0%</b>

\*Students who identify as Asian/Pacific islander, Native American, and Other/Choose Not to Identify are included in the overall average. They are not broken out individually due to their relatively small numbers.