

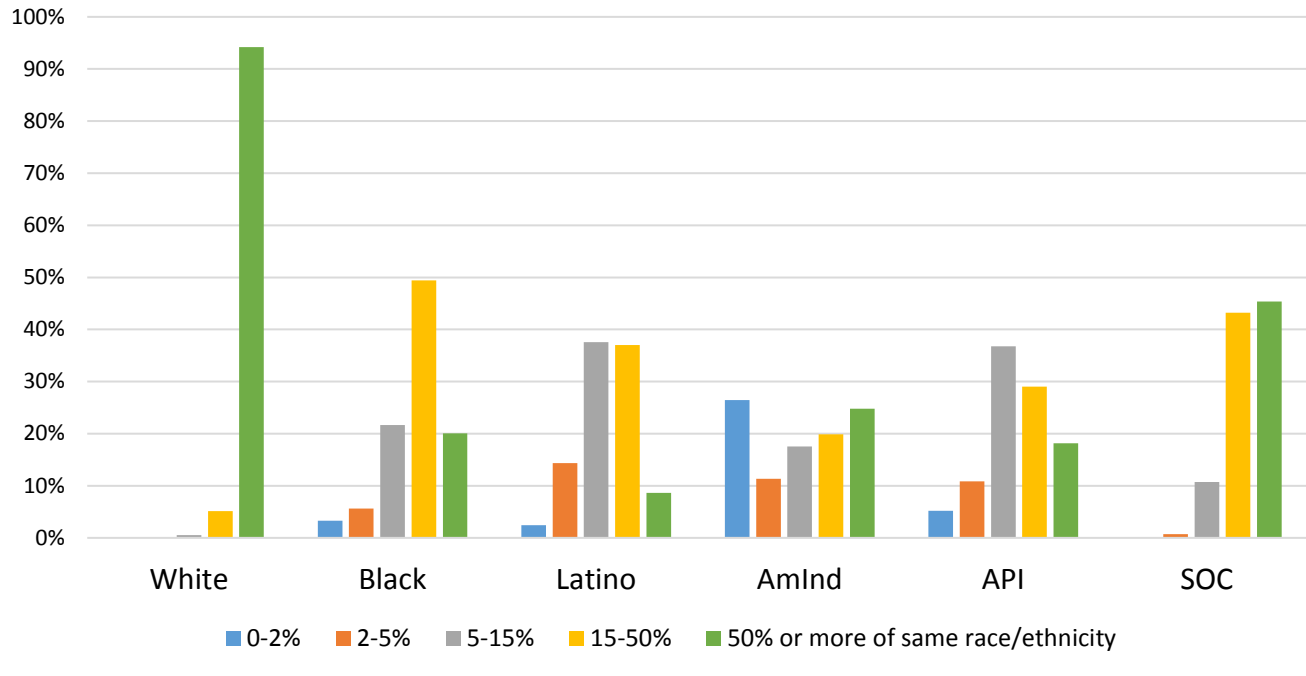
*Interpretation:* The proportion of students in a school for the typical (average) student in each racial/ethnic group. For example:

The typical White student attends school with	The typical Black student attends school with	The typical Latino student attends school with
<ul style="list-style-type: none"> <li>• 80% White students</li> </ul>	<ul style="list-style-type: none"> <li>• 41% White students</li> </ul>	<ul style="list-style-type: none"> <li>• 54% White students</li> </ul>
<ul style="list-style-type: none"> <li>• 6% Black students</li> </ul>	<ul style="list-style-type: none"> <li>• 32% Black students</li> </ul>	<ul style="list-style-type: none"> <li>• 14% Black students</li> </ul>
<ul style="list-style-type: none"> <li>• 6% Latino students</li> </ul>	<ul style="list-style-type: none"> <li>• 12% Latino students</li> </ul>	<ul style="list-style-type: none"> <li>• 20% Latino students</li> </ul>
<ul style="list-style-type: none"> <li>• 1% American Indian students</li> </ul>	<ul style="list-style-type: none"> <li>• 1% American Indian students</li> </ul>	<ul style="list-style-type: none"> <li>• 1% American Indian students</li> </ul>
<ul style="list-style-type: none"> <li>• 4% Asian Pacific Island students</li> </ul>	<ul style="list-style-type: none"> <li>• 10% Asian Pacific Island students</li> </ul>	<ul style="list-style-type: none"> <li>• 7% Asian Pacific Island students</li> </ul>
<ul style="list-style-type: none"> <li>• 20% Students of Color</li> </ul>	<ul style="list-style-type: none"> <li>• 59% Students of Color</li> </ul>	<ul style="list-style-type: none"> <li>• 46% Students of Color</li> </ul>

The table of data that was used to create the graphic above on *Racial Composition of MN Schools by Race/Ethnicity*

		The average MN student who is					
		White	Black	Latino	American Indian	Asian Pacific Islander	All Students of Color
Attends a school with the following percent of students that are:	White	80%	41%	54%	49%	45%	49%
	Black	6%	32%	14%	8%	16%	20%
	Latino	6%	12%	20%	6%	9%	13%
	Am Indian	1%	1%	1%	30%	1%	3%
	Asian PI	4%	10%	7%	3%	25%	12%
	SOC	20%	59%	46%	51%	55%	51%

Percent of Students Attending MN Schools with Students of the same Race/Ethnicity (by Race/Ethnicity Density)

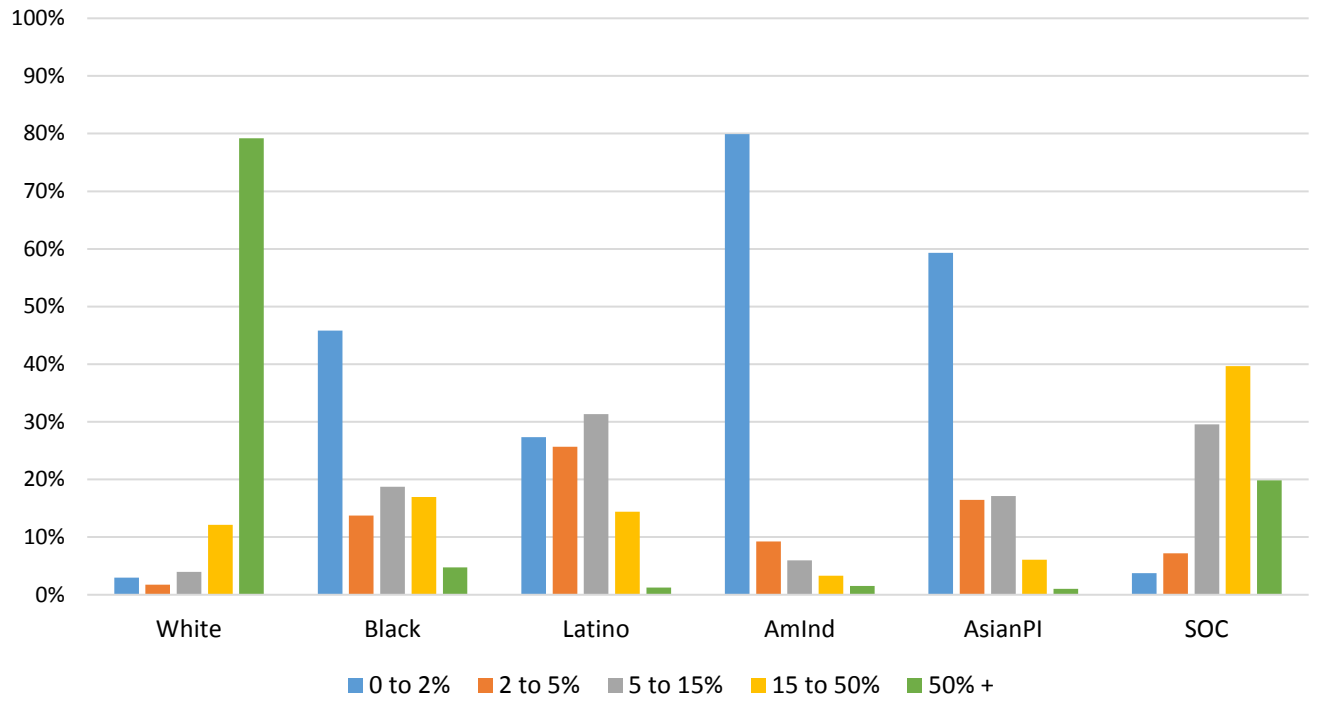


Density	White	Black	Latino	American Indian	Asian Pacific Island	All Students of Color
0-2%	0.01%	3.27%	2.42%	26.47%	5.22%	0.03%
2-5%	0.06%	5.63%	14.38%	11.32%	10.82%	0.71%
5-15%	0.54%	21.63%	37.56%	17.53%	36.78%	10.71%
15-50%	5.16%	49.43%	37.00%	19.88%	29.05%	43.20%
50% +	94.22%	20.04%	8.65%	24.80%	18.13%	45.35%

**Interpretation:** Considering White students...

- 0.01% attend schools with less than 2% White students
- 0.06% attend schools with 2 up to 5% White students
- 0.54% attend schools with 5 up to 15% White students
- 5.16% attend schools with 15 up to 50% White students
- 94.22% attend schools with 50% or more White students

Percent of MN Schools by Race/Ethnicity Density

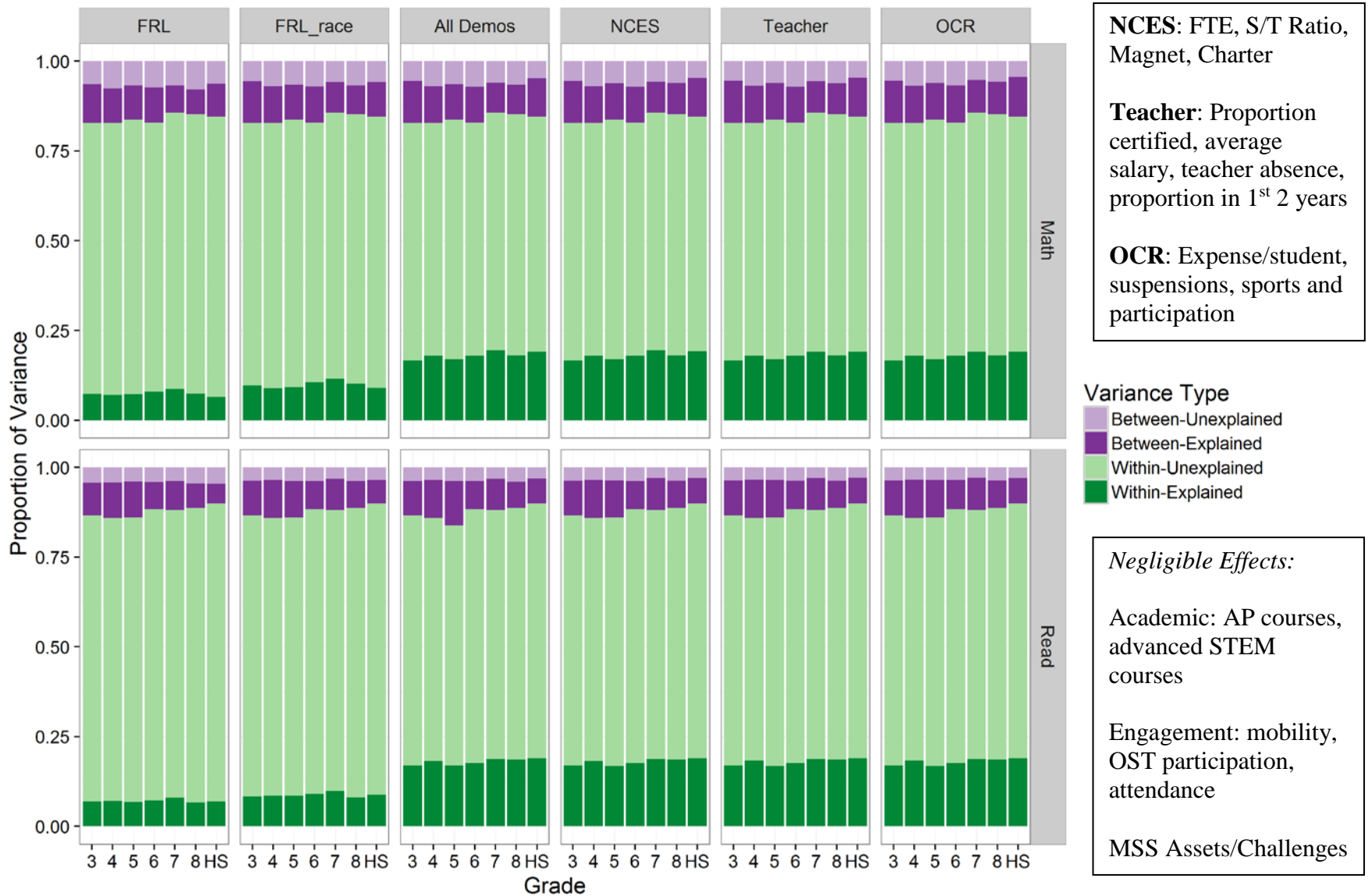


	School Density				
	0 to 2%	2 to 5%	5 to 15%	15 to 50%	50% +
White	3.0%	1.8%	4.0%	12.1%	79.2%
Black	45.8%	13.8%	18.7%	16.9%	4.8%
Latino	27.3%	25.7%	31.3%	14.4%	1.3%
American Indian	79.9%	9.2%	6.0%	3.3%	1.5%
Asian Pacific Island	59.3%	16.4%	17.1%	6.1%	1.0%
All Students of Color	3.8%	7.2%	29.6%	39.6%	19.8%

**Interpretation:** Considering White students...

- 3.0% of schools have less than 2% White students
- 1.8% of schools have 2-5% White students
- 4.0% attend schools with 5 up to 15% White students
- 12.1% attend schools with 15 up to 50% White students
- 79.2% attend schools with 50% or more White student

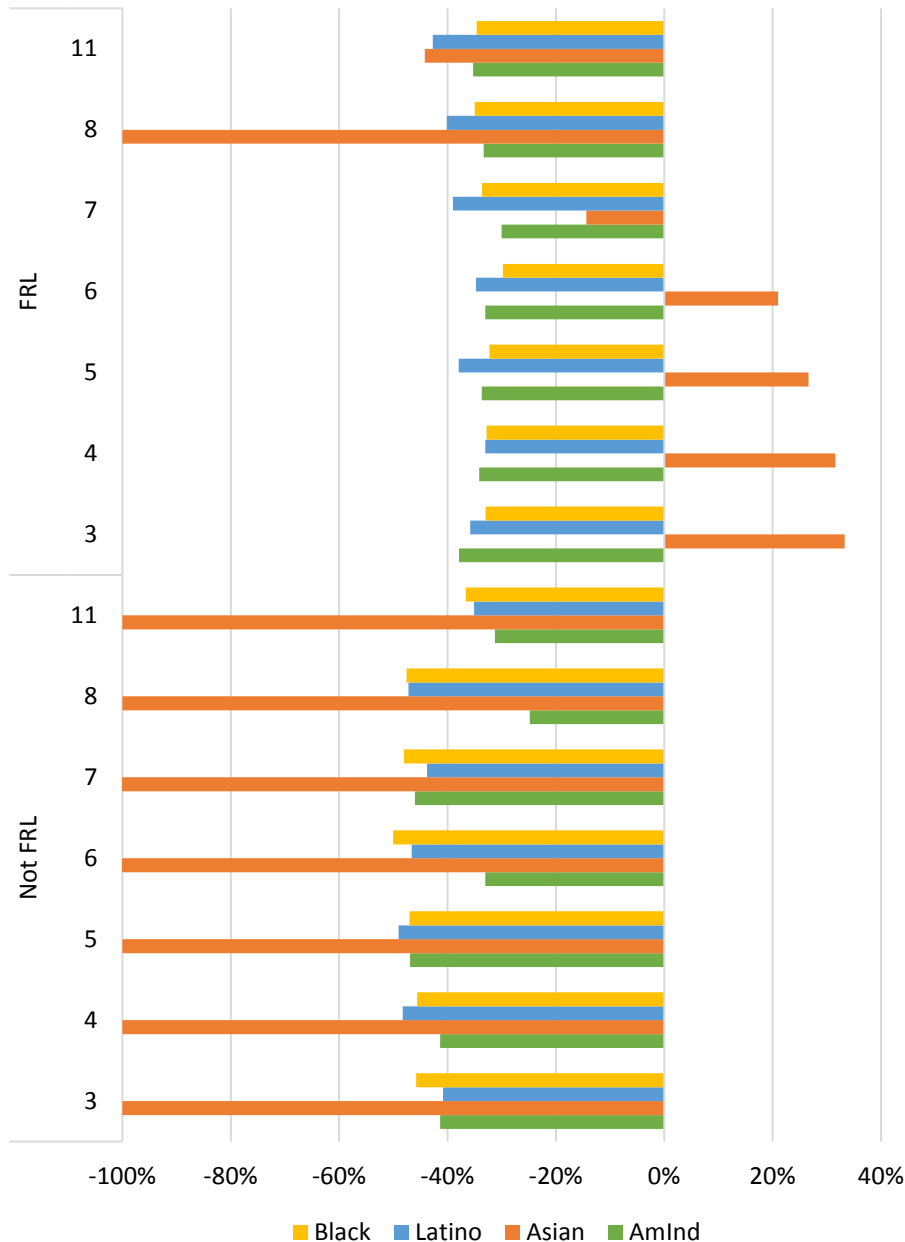
## Explaining Variation in 2014 MCA Student Performance



The variance of student performance, divided into variance between schools and variance within schools.

- The variation between schools is 12-16% in Reading and 16-20% in Mathematics.
- Demogs explain 62-78% of variation between schools.
- After FRL and Race, adding LEP, SPED, Gender doubles the variance explained within schools; about 20% in all.
- School characteristics do not explain much beyond demogs.

## 2014 Mathematics Achievement Gap Reduction



### *Does FRL explain the 2014 Race/Ethnicity Mathematics Achievement Gaps?*

American Indian, Black, and Latino students performed at lower levels than White students in all grades – consistently across grades by about 0.82 SDs.

For Asian students, these gaps were much smaller, especially for middle school students – on average scoring about 0.17 SDs lower than White students.

Looking at students in FRL and those not in FRL changes the magnitudes of Race/Ethnicity gaps.

#### **Students in FRL**

- For American Indian, Black, and Latino students, Race/Ethnicity gaps are about 1/3 smaller across grades (35% smaller)
- For Asian students in FRL, the achievement gaps are larger in grades 3-6 than their average gaps.
- Asian students in FRL in grade 8 perform higher than White students.

#### **Students Not in FRL**

- For American Indian, Black, and Latino students, Race/Ethnicity gaps are about 2/5 smaller across grades (43% smaller).
- For Asian students in all grades, the achievement gaps are eliminated, where Asian students Not in FRL do better than White students Not in FRL.

*After accounting for FRL status, Race/Ethnicity achievement gaps are reduced for American Indian, Black, and Latino students, but not eliminated. For Asian students, the gaps are eliminated.*