Student Selection, Attrition, and Replacement at KIPP Middle Schools

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Research Questions

Compared to district schools:

- What are the characteristics of students entering KIPP schools?
- What does attrition look like from KIPP?
- To what extent do KIPP schools admit students "late" to fill empty slots?

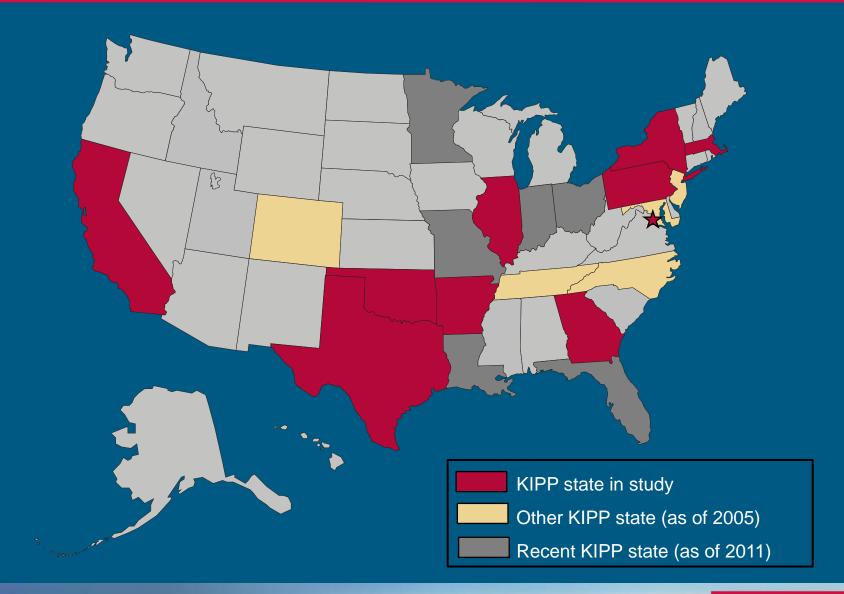
Defining Mobility

- Student mobility encompasses both <u>attrition</u> and <u>late arrivals</u> (replacement).
- Attrition = Early leavers
 - Student moves to different school in year 2
 - Comprises within-district and out-of-district transfers
- Late arrivals: students moving into a school after the entry grade

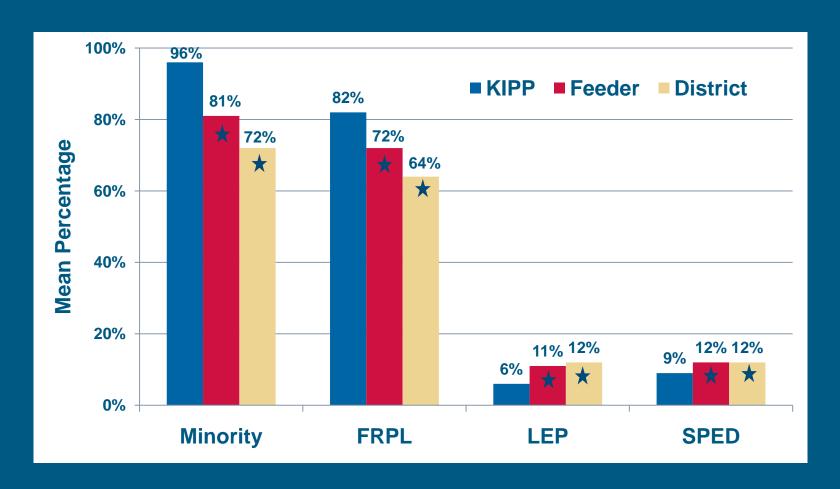
Analytic Approach

- Obtained administrative data from states and districts for students
 - Grades 3 through 8
 - Typically 2003-04 through 2007-08
- Defined three comparison groups:
 - Feeder: students in ES also attended by KIPP students at baseline
 - Comparison: students in MS most often attended by students from feeder ES
 - <u>District</u>: all students within the district

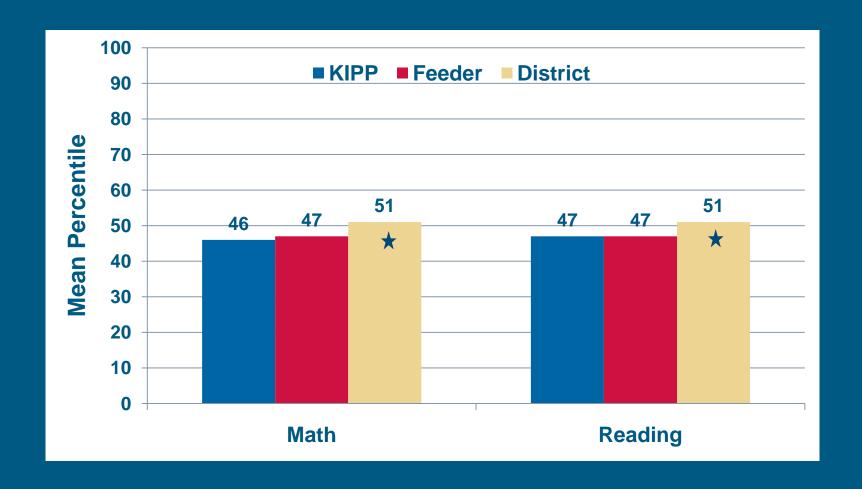
Location of KIPP Schools in Sample



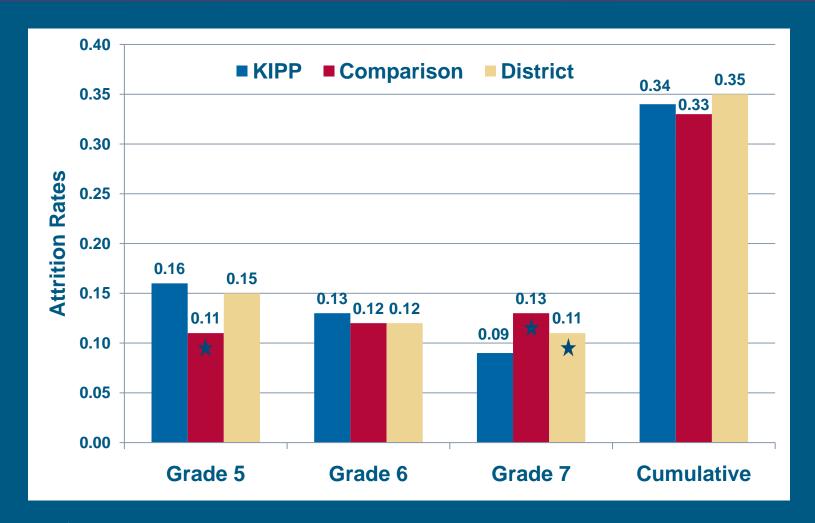
Demographic Characteristics



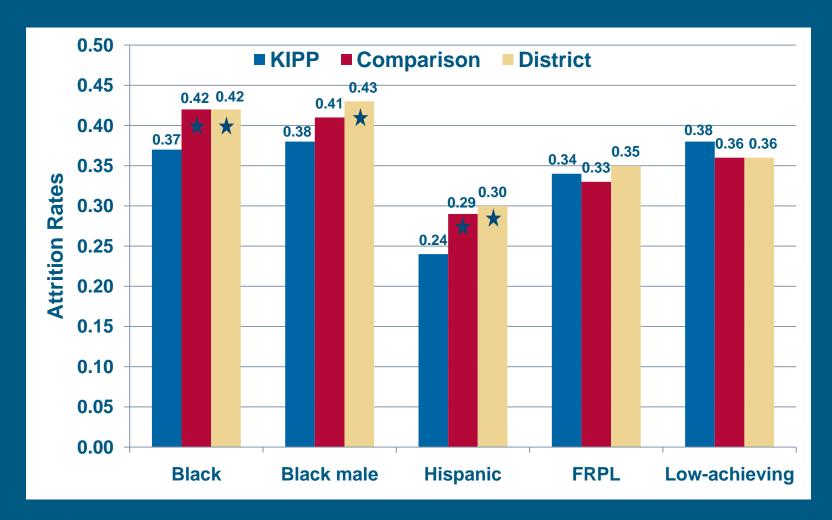
Baseline Achievement



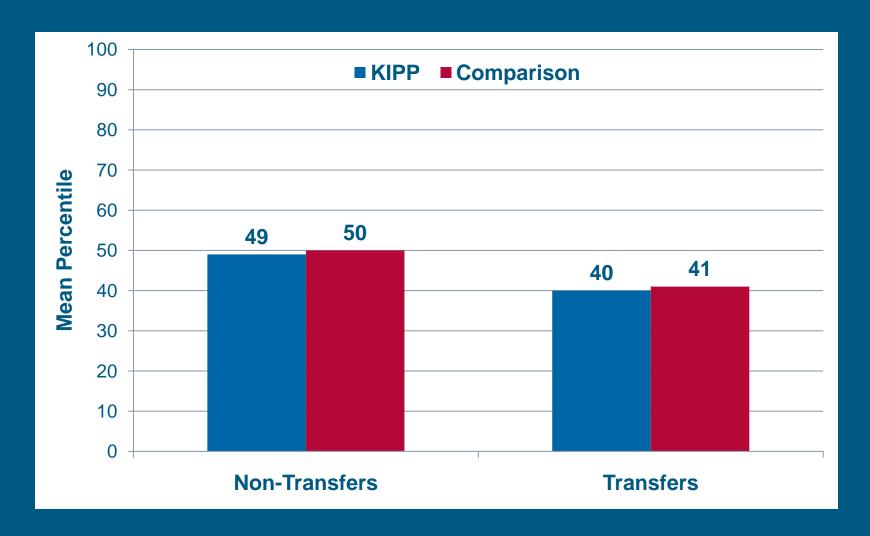
Attrition Rates, by Grade



Attrition Rates, by Subgroup



Average Baseline Achievement in Math, by Attrition Type



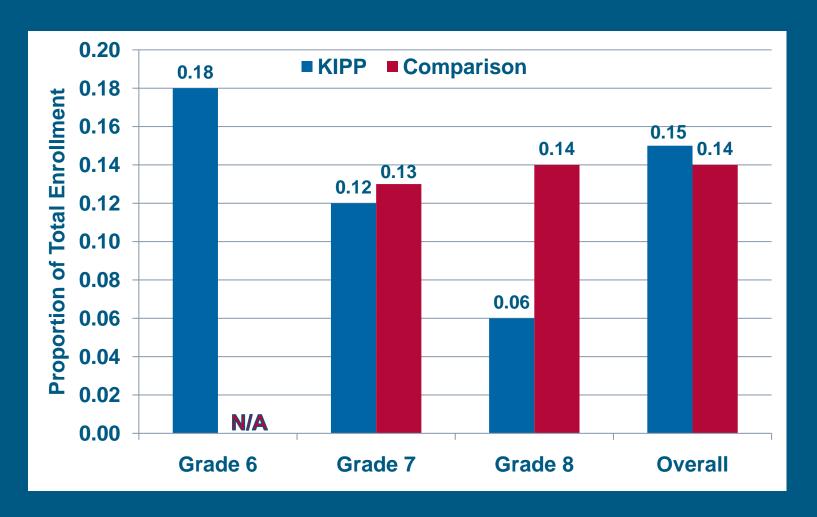
Incidence of Late Arrivals

Average Number of Attriters, New Arrivals, and Total Enrollment by Grade

	Grade 6			Grade 7			Grade 8		
	Prior Attrition	New Arrivals	Total Enroll.	Prior Attrition	New Arrivals	Total Enroll.	Prior Attrition	New Arrivals	Total Enroll.
KIPP	11	13	69	9	7	60	5	3	53
Comparison	N/A	N/A	N/A	20	29	228	24	35	246

- KIPP schools replace more students than they lose in grade 6, but fewer in grades 7 and 8
- District comparison schools replace more students than they lose in both grades 7 and 8

Late Arrivals as a Proportion of Enrollment



Tests of statistical significance were not conducted.

Conclusions

- KIPP students are:
 - More likely to be a racial minority, eligible for FRPL
 - Less likely to be limited English proficiency or special education
 - Lower-achieving at baseline than the district overall but equivalent to other students at the same ES
- Rates of attrition are similar in KIPP and district schools
- Late arrivals present a mixed picture
 - Proportion of late arrivals relative to enrollment is similar at KIPP and comparison schools
 - KIPP schools are less likely to replace in later grades
 - Future work will examine characteristics of late arrivals

For More Information

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