

Data, Data, Data!

Tracking Student Progress
and Outcomes of Summer
Reading Programs

The following pages explain how Kids Read Now collects and analyzes data to monitor student progress and measure results.

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FOR MORE INFORMATION

Visit our website at KidsReadNow.org

Email us at Info@KidsReadNow.org

Call our office at 877.536.0130



REAL-TIME DATA TRACKING

The Kids Read Now online data portal allows educators and parents to monitor student progress in real time throughout the summer.

The most important datasets in one location...

You can view the total and average number of books read, books delivered, and students who have completed the program with just a few clicks.

Filter by district, school, grade, teacher, or student...

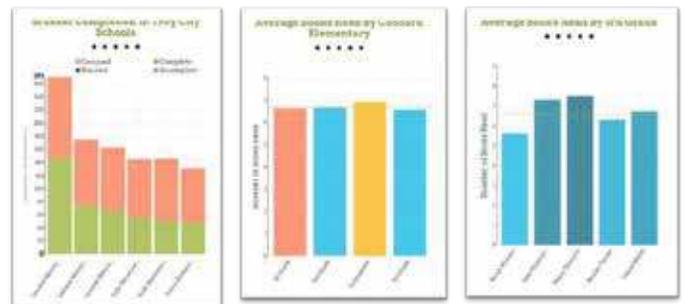
Don't waste time sifting through irrelevant data! Choose how deeply you want to examine your district's progress.

Compare groups of students to find out who needs extra help...

You can create customized student groups and compare them to one another to find out which cohorts are doing well and which need extra motivation.

Download customized spreadsheets for further analysis...

Use our CSV Builder to choose which data you want in a downloadable spreadsheet so you can do some digging on your own!

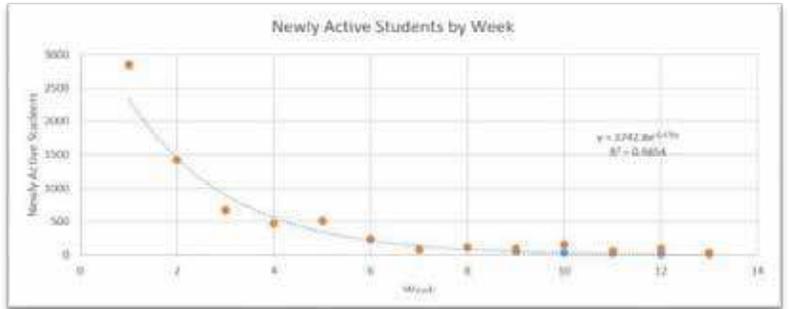
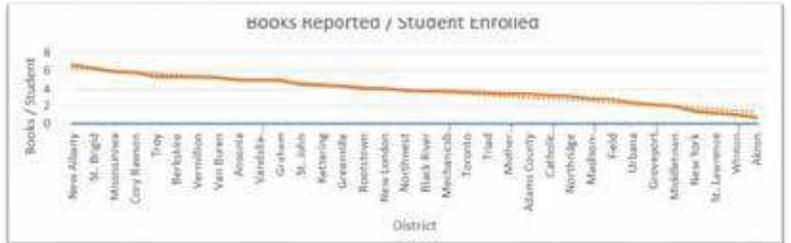


ANALYSIS OF PROGRAM FEATURES

Each year, Kids Read Now conducts a rigorous evaluation of the program based on the data we collected during the summer. This helps to identify what works and what doesn't so we can make improvements for future years.

Monitor daily/weekly program engagement...

We track how many students have reported books or sent support requests so we can find trends and identify problems as they occur.



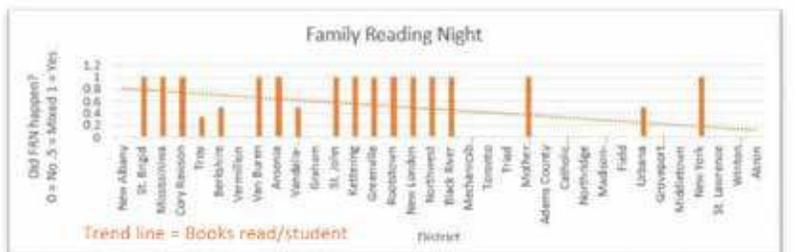
Compare relevant cohorts to see which groups are doing well...

Kids Read Now compares district-level data to see which districts are progressing and which may need some extra motivation.

Week	Expected Newly Active Students	Actual Active Students	Difference	% Diff in Expected vs Actual
1	2845	2845	n/a	n/a
2	1418	1418	n/a	n/a
3	671	671	n/a	n/a
4	473	473	n/a	n/a
5 (postcards arrive)	230	511	281	122.17%
6	125	234	109	87.20%
7	67	84	17	25.37%
8	37	110	73	197.30%
9	52	90	38	73.08%
10 (4th book arrives)	32	151	119	371.88%
11	20	66	46	230.00%
12	12	97	85	708.33%
13	8	34	26	325.00%
Weeks 5 - 13	583	1377	794	136.19%

Determine which program features were effective...

We use the data we collect throughout the summer to identify which program features enhance the student experience and which ones are ineffective.

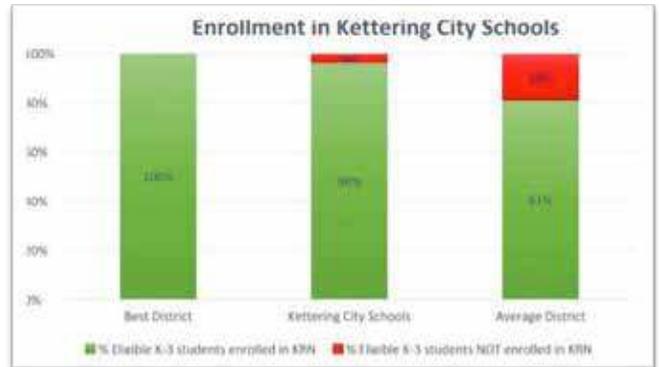


DISTRICT PROGRAM SUMMARIES

Every year after the summer program ends, we send each district a summary of their enrollment, participation, and parent survey results. We compare your district to others and compare your schools to each other so you have a well-rounded view of the program.

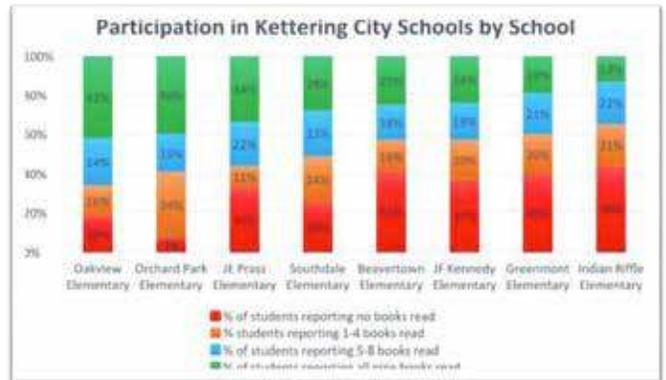
Compare enrollment rates...

We compare each district's enrollment rates to the average and best districts in the program so you can see where your district lands.



Visualize participation data...

Our participation charts show how many students read no books, 1-4 books, 5-8 books, and how many completed the program with 9 or more books.



Measure parent and student satisfaction...

Each year, we send out a parent survey so parents can tell us what they thought of the program. Each district receives a copy of the results.

Library Extremely Good Program
 Code Rewards Variety of Books
 Kept Important Receiving
 Great Program Great Incentive
 Books in the Mail Experience Selection
 Summer Able Loved Fun Enjoyed Chose
 New Books Super Easy Great Way Questions
 Think Text Reading Skills Family Reporting Start

Identify areas of improvement for future years...

Upon combing through the data, we let you know how we plan to improve the program and how you can help boost your results in future years.

To Boost Enrollment:		
Goal	What we will do	What you can do
Auto enroll all eligible students	Continue using Clever software to pull data directly from your district's SIS. Develop a CSV upload option to auto-enroll all students from a spreadsheet.	Make sure you provide relevant student data for auto-enrollment. Review student data upon enrollment to ensure that data is accurate.
Simplify data entry to email students online	Re-design our online enrollment and account creation features to simplify sign-up.	Make sure that you verify student information and make corrections online.
Build enthusiasm among parents and students	Provide parents to hang in the school. Provide an informational parent hand-out to send home with enrollment form. Provide recommended sign-up for calls home to families.	Encourage students with frequent in-school reminders. Make periodic calls home to parents reminding them to enroll. Provide extra incentives to enroll (e.g. A pizza party for classes with 100% enrollment).
Expand and enhance book selection	Expand our selection to 50 titles per grade. Ensure that book selection contains 20% multicultural and bilingual books. Build a library committee to review book selection.	Appoint one representative from your district/school to serve on our library committee.



READING SCORE ANALYSIS

Every fall, we compare the summer reading slide for Kids Read Now participant to those who did not participate in the program and provide each district with a customized report to share with your communities. Dr. Richard Stock at the University of Dayton Business Research Group says that Kids Read Now students saw “significant and substantial improvements in reading scores, especially in high-poverty populations.”

Detailed technical reports...

We send the technical reports to each district so the data enthusiasts can comb through the numbers.

User-friendly visual reports...

Technical reports can be difficult to understand, so we provide each district with a customized visual report that explains the numbers in layman’s terms. This report can be shared with your school board, community, and families to show that you’re actively combatting the summer slide.

Key take-aways...

It’s great to know the results of the program, but it’s more important to know which results are important and which aren’t. We eliminate the guesswork on your part by explaining the key findings of your district’s individual report.

Table 3: Regression Analysis of Fall 2016 NWEA MAP Reading RIT Scores, Kindergarten to Second Grade

	Grade									
	Kindergarten to Second Grade		Kindergarten		First Grade		Second Grade		First & Second Grade	
	B coeff.	sig.	B coeff.	sig.	B coeff.	sig.	B coeff.	sig.	B coeff.	sig.
Constant)	5.4	.30	-8	.92	2.1	.74	-3.0	.83	2.6	.71
Fall 2015 RIT Reading Score	0.1	.01	2	.04	0.2	.00	0.1	.52	0.1	.00
Winter 2016 RIT Reading	0.2	.00	2	.00	0.2	.00	0.3	.04	0.2	.00
Spring 2016 RIT Reading	0.6	.00	.6	.00	0.6	.00	0.6	.00	0.6	.00
African American	-4.1	.10	-10.0	.00	-0.7	.82	-0.9	.88	-0.8	.82
Economically Disadvantaged	0.5	.54	-9	.41	0.1	.95	2.8	.18	1.3	.21
GRN Books Read 1 to 3	2.1	.09	-2.5	.13	2.8	.06	6.2	.04	4.4	.01
GRN Books Read 4 to 6	0.8	.59	-1.5	.45	3.0	.13	0.6	.85	1.7	.35
GRN Books Read 7 to 8	-0.2	.89	.7	.77	-2.3	.32	-0.3	.93	-0.9	.66
GRN Books Read 9 to 11	1.9	.06	.1	.93	1.9	.12	3.0	.23	2.5	.07
First Grade	-2.7	.03								
Second Grade	-9.3	.00							-6.5	.00
R ² Adjusted	75.0%		75.9%		83.9%		54.3%		67.3%	
Sample Size	527		170		175		182		357	

	Spring to Fall change in months lost	Advantage for non-KRN students	Fall to Spring change in months lost	Disadvantage for non-KRN students	Spring to Fall change in months lost	Advantage for non-KRN students
Greenville non-KRN students	1.8 months less		0.7 months less		2.0 months less	
Students reading 1-3 books	0.1 months less	+1.2 months	2.7 months less	+8 months	No gain or loss	-2.6 months
Students reading 9-11 books	0.8 months less	+1.4 months	4.7 months less	+2 months	1.1 months less	-1.5 months

