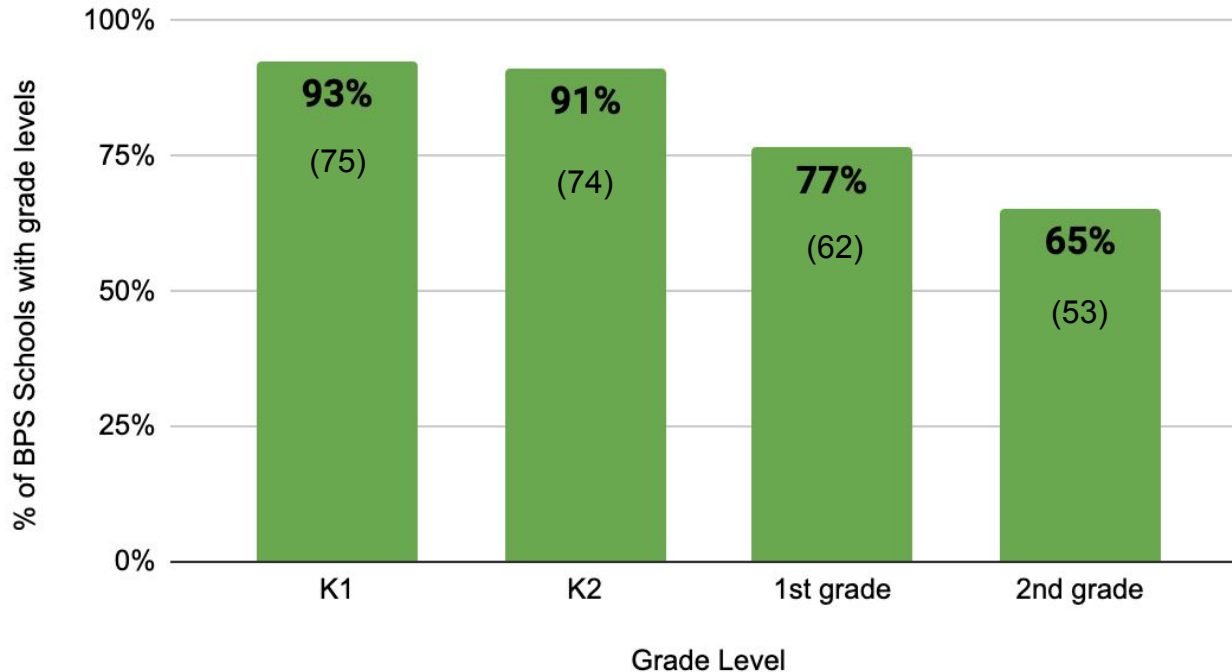


# Supplemental Data Request

BPS Early Childhood Literacy - School Committee  
February 24, 2020

# Use of Focus Curriculum

**Proportion of BPS Schools using Focus Curriculum in at least 1 classroom, by grade level**

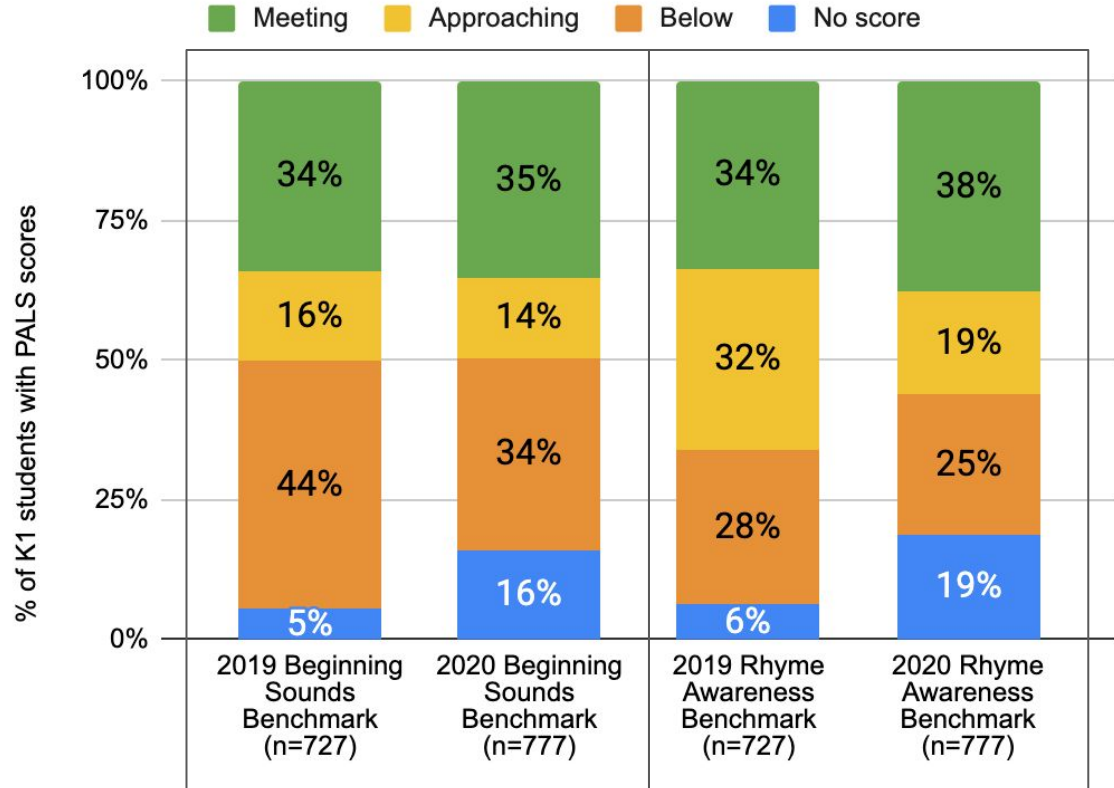


# PALS - K1 Data

Comparison of Fall 2019 and Fall 2020 PALS scores for K1 students in two skill areas: Beginning Sound Awareness and Rhyme Awareness

## Fall 2019 and Fall 2020 Students Starting K1 - Phonological Awareness Literacy Screening

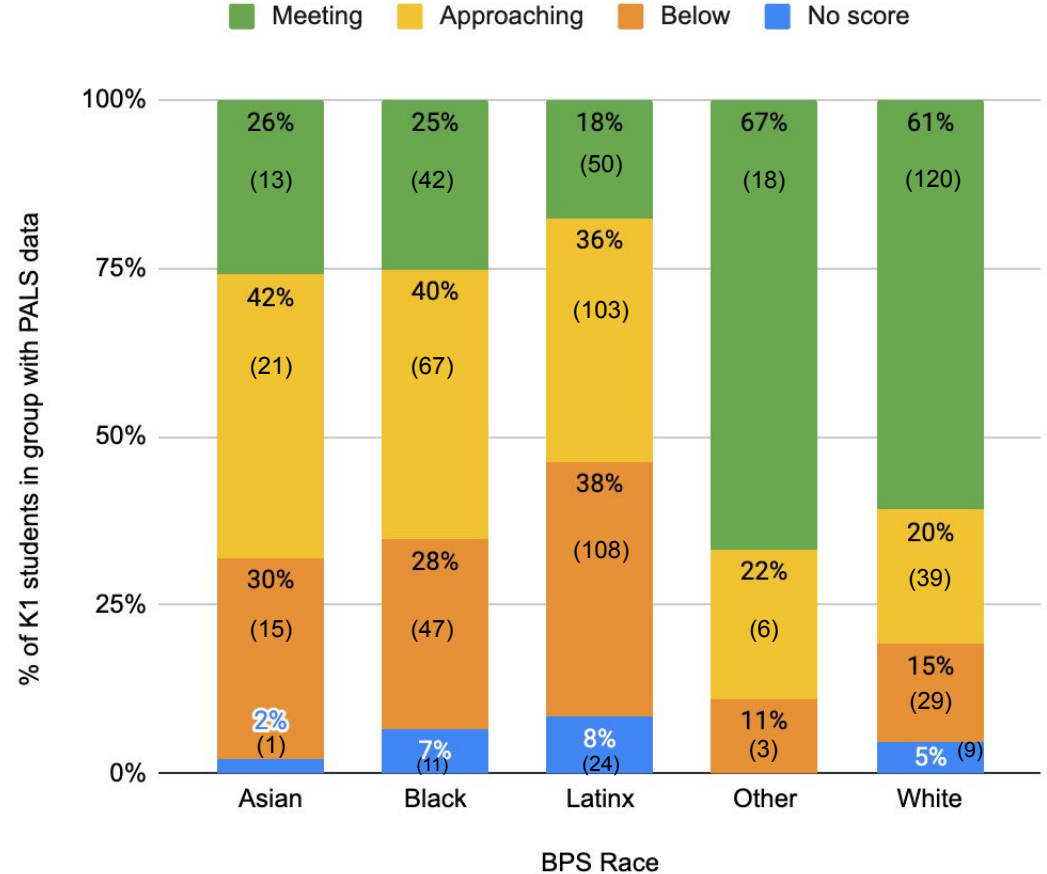
Fall 2019 PALS Data - 727 K1 Students



# PALS K1 Data

Looking at just one skill,  
Beginning Sound Awareness,  
Fall 2019 K1 student scores by  
Race.

## Fall 2019 - Students Starting K1 - PALS Beginning Sound Awareness Scores by Race



Sample sizes are small for some groups. Native American student group is not shown due to a sample size <10.

# MAP Fluency Overview

- Students in grades K2-2 take the MAP Fluency assessment. In grades K2 and 1, students are expected to take the Foundational Skills section of MAP Fluency, which measures skills like listening comprehension, picture vocabulary, phonological awareness and phonics/word recognition. In Spring of Grade 1 and onward, students are expected to take the Oral Reading section of MAP Fluency, as they are expected to use their solid foundational skills to read and comprehend a passage.
- For each skill, expectations change based on the student's grade level, reflected in the performance levels for each skill (Exceeds Expectations, Meets Expectations, Approaching Expectations, Below Expectations).
- The following data slides include data from Fall 2019 and Fall 2020 by grade level and student group. Results from Fall 2020 should be interpreted with caution, as the assessment was administered remotely for the first time, due to COVID-19.

# MAP Fluency Key Trends

- A similar proportion of students enter K2 and 1st grade meeting or exceeding expectations on foundational skills (e.g. 66% in K2 and 60% in 1st grade for phonics/word recognition).
- By 2nd grade only 36% of students have made the expected transition to Oral Reading. Of the remaining 64% of student, all are considered below or approaching grade level for phonological awareness and phonics/word recognition.
- A greater proportion of Asian and White student groups are meeting or exceeding expectations compared to Latinx or Black student groups. This is true across grade levels and years.

# K2 MAP Fluency Results

# MAP Fluency - K2 - Fall 2019

In fall of K2, students are building foundational skills

	Listening Comprehension		Picture Vocabulary		Phonological Awareness*		Phonics / Word Recognition*	
	N	%	N	%	N	%	N	%
Exceeds	318	12%	745	28%	1166	44%	728	28%
Meets	666	25%	715	27%	339	13%	1010	38%
Approaching	487	18%	428	16%	1109	42%	876	33%
Below	1155	44%	732	28%	0	0%	0	0%
No score	13	<1%	19	1%	25	1%	25	1%
<b>Total</b>	<b>2639</b>	<b>100%</b>	<b>2639</b>	<b>100%</b>	<b>2639</b>	<b>100%</b>	<b>2639</b>	<b>100%</b>

<1% of K2 students with MAP Fluency data had only Oral Reading scores.

\*For Phonological Awareness and Phonics/Word Recognition, there is no “below grade level” score for the Fall of Kindergarten.



# MAP Fluency - K2 - Fall 2020

In fall of K2, students are building foundational skills. MAP Fluency measures performance on multiple skills: listening comprehension, picture vocabulary, phonological awareness and phonics/word recognition.

	Listening Comprehension		Picture Vocabulary		Phonological Awareness*		Phonics / Word Recognition*	
	N	%	N	%	N	%	N	%
Exceeds	1019	41%	1459	58%	1646	66%	1410	56%
Meets	743	30%	487	19%	288	12%	620	25%
Approaching	270	11%	194	8%	502	20%	405	16%
Below	416	17%	308	12%	0	0%	0	0%
No score	54	2%	54	2%	66	3%	67	3%
<b>Total</b>	2502	100%	2502	100%	2502	100%	2502	100%

2% of K2 students with MAP Fluency data had only Oral Reading scores.

\*For Phonological Awareness and Phonics/Word Recognition, there is no “below grade level” score for the Fall of Kindergarten.

# MAP Fluency - K2 - Fall 2019 - By Race/Ethnicity

## Phonics and Word Recognition\*

	Asian		Black		Latinx		Other/Multi-racial		White	
	N	%	N	%	N	%	N	%	N	%
Exceeds	71	31%	198	26%	205	20%	45	38%	207	41%
Meets	106	46%	276	37%	389	38%	46	39%	190	38%
Approaching	49	21%	278	37%	415	41%	27	23%	98	20%
Below	0	0%	0	0%	0	0%	0	0%	0	0%
No score	6	3%	3	<1%	9	<1%	7	1%	25	<1%
Total	232	100%	755	100%	1018	100%	118	100%	502	100%

Native American student group not shown because <10 students per benchmark

\*For Phonics/Word Recognition, there is no “below grade level” score for the Fall of Kindergarten.

# MAP Fluency - K2 - Fall 2020 - By Race/Ethnicity

## Phonics and Word Recognition\*

	Asian		Black		Latinx		Other/Multi-racial		White	
	N	%	N	%	N	%	N	%	N	%
Exceeds	137	63%	339	54%	425	46%	78	64%	427	70%
Meets	55	25%	170	27%	228	25%	27	22%	139	23%
Approaching	14	6%	89	14%	257	28%	12	10%	33	5%
Below	0	0%	0	0%	0	0%	0	0%	0	0%
No score	13	6%	28	4%	11	1%	4	3%	11	2%
Total	219	100%	626	100%	921	100%	121	100%	610	100%

Native American student group not shown because <10 students per benchmark

\*For Phonics/Word Recognition, there is no “below grade level” score for the Fall of Kindergarten.

# MAP Fluency - K2 - Fall 2019 - By Student Group

## Phonics and Word Recognition\*

	ELs or former ELs		Students with Disabilities		Economically Disadvantaged	
	N	%	N	%	N	%
Exceeds	196	19%	68	20%	425	22%
Meets	412	39%	130	38%	745	39%
Approaching	433	41%	140	41%	732	38%
Below	0	0%	0	0%	0	0%
No score	8	1%	4	1%	14	1%
Total	1049	100%	342	100%	1916	100%

\*For Phonics/Word Recognition, there is no “below grade level” score for the Fall of Kindergarten.

# MAP Fluency - K2 - Fall 2020 - By Student Group

## Phonics and Word Recognition\*

	ELs or former ELs		Students with Disabilities		Economically Disadvantaged	
	N	%	N	%	N	%
Exceeds	478	48%	133	44%	777	48%
Meets	263	26%	83	28%	432	27%
Approaching	244	24%	82	27%	363	22%
Below	0	0%	0	0%	0	0%
No score	19	2%	3	1%	45	3%
Total	1004	100%	301	100%	1617	100%

\*For Phonics/Word Recognition, there is no “below grade level” score for the Fall of Kindergarten.

# 1st Grade MAP Fluency Results

# MAP Fluency - 1st Grade - Fall 2019

In fall of 1st grade, student are continuing foundational skills. The same four skills are measured again in 1st grade.

	Listening Comprehension*		Picture Vocabulary*		Phonological Awareness		Phonics / Word Recognition	
	N	%	N	%	N	%	N	%
Exceeds	0	0%	0	0%	883	34%	764	29%
Meets	1054	40%	1347	51%	548	21%	811	31%
Approaching	886	34%	671	26%	693	26%	446	17%
Below	678	26%	592	23%	458	17%	559	21%
No score	6	<1%	14	1%	42	2%	44	2%
<b>Total</b>	2624	100%	2624	100%	2624	100%	2624	100%

185 (6%) of 2nd grade students with MAP Fluency data had only Oral Reading scores and are excluded from the foundation skills analysis

\*For Listening Comprehension and Picture Vocabulary there is no "exceeds expectation" score for fall of 1st grade

# MAP Fluency - 1st Grade - Fall 2020

In fall of 1st grade, student are continuing foundational skills. The same four skills are measured again in 1st grade.

	Listening Comprehension*		Picture Vocabulary*		Phonological Awareness		Phonics / Word Recognition	
	N	%	N	%	N	%	N	%
Exceeds	0	0%	0	0%	982	40%	1072	44%
Meets	1410	58%	1619	66%	494	20%	624	26%
Approaching	611	25%	443	18%	545	22%	328	13%
Below	422	17%	381	16%	374	15%	370	15%
No score	0	0%	0	0%	48	2%	49	2%
<b>Total</b>	<b>2443</b>	<b>100%</b>	<b>2443</b>	<b>100%</b>	<b>2443</b>	<b>100%</b>	<b>2443</b>	<b>100%</b>

287 (10%) of 2nd grade students with MAP Fluency data had only Oral Reading scores and are excluded from the foundation skills analysis

\*For Listening Comprehension and Picture Vocabulary there is no “exceeds expectation” score for fall of 1st grade



# MAP Fluency - 1st Grade - Fall 2019 - By Race/Ethnicity

## Phonics and Word Recognition

	Asian		Black		Latinx		Other/Multi-racial		White	
	N	%	N	%	N	%	N	%	N	%
Exceeds	87	37%	176	23%	276	25%	45	43%	175	45%
Meets	59	25%	254	33%	352	32%	30	29%	112	29%
Approaching	33	14%	159	20%	186	17%	18	17%	50	13%
Below	48	20%	179	23%	271	25%	10	10%	46	12%
No score	10	4%	9	1%	18	2%	1	1%	5	1%
Total	237	100%	777	100%	1103	100%	104	100%	388	100%

Native American student group not shown because <10 students per benchmark

# MAP Fluency - 1st Grade - Fall 2020 - By Race/Ethnicity

## Phonics and Word Recognition

	Asian		Black		Latinx		Other/Multi-racial		White	
	N	%	N	%	N	%	N	%	N	%
Exceeds	116	58%	278	41%	344	35%	56	56%	275	57%
Meets	45	23%	173	26%	242	25%	25	25%	137	28%
Approaching	14	7%	95	14%	169	17%	10	10%	38	8%
Below	19	10%	114	17%	200	21%	6	6%	29	6%
No score	6	3%	16	2%	19	2%	3	3%	5	1%
Total	200	100%	676	100%	974	100%	100	100%	484	100%

Native American student group not shown because <10 students per benchmark

# MAP Fluency - 1st Grade - Fall 2019 - By Student Group

## Phonics and Word Recognition

	ELs or former ELs		Students with Disabilities		Economically Disadvantaged	
	N	%	N	%	N	%
Exceeds	279	25%	63	15%	513	25%
Meets	321	28%	92	22%	653	31%
Approaching	204	18%	90	22%	384	18%
Below	315	28%	166	40%	500	24%
No score	18	2%	6	1%	29	1%
Total	1137	100%	417	100%	2079	100%

# MAP Fluency - 1st Grade - Fall 2020 - By Student Group

## Phonics and Word Recognition

	ELs or former ELs		Students with Disabilities		Economically Disadvantaged	
	N	%	N	%	N	%
Exceeds	379	38%	98	28%	691	39%
Meets	236	24%	72	21%	446	25%
Approaching	155	16%	54	16%	284	16%
Below	205	21%	117	34%	332	19%
No score	14	1%	4	1%	36	2%
Total	989	100%	345	100%	1789	100%

# 2nd Grade MAP Fluency Results

# MAP Fluency - 2nd Grade - Fall 2019 and Fall 2020

In fall of 2nd grade, students are expected to have advanced to the Oral Reading section of MAP Fluency.

	Fall 2019		Fall 2020	
	N	%	N	%
Advanced to Oral Reading	915	36%	946	36%
Not yet advanced to Oral Reading	1631	64%	1649	64%
Total	2546	100%	2595	100%

# MAP Fluency - 2nd Grade - Fall 2019 and Fall 2020 - By Race/Ethnicity

		Asian		Black		Latinx		Other/Multi-racial		White	
		N	%	N	%	N	%	N	%	N	%
<b>Fall 2019</b>	Not yet advanced to Oral Reading	96	43%	526	69%	792	73%	56	50%	155	42%
	Advanced to Oral Reading	126	57%	234	31%	286	27%	56	50%	211	58%
<b>Fall 2020</b>	Not yet advanced to Oral Reading	106	48%	534	71%	741	72%	49	46%	211	44%
	Advanced to Oral Reading	116	52%	216	29%	289	28%	58	54%	266	56%

Native American student group not shown because <10 students per benchmark

# MAP Fluency - 2nd Grade - Fall 2019 and Fall 2020 - Student Group

		ELs and former ELs		Students with Disabilities		Economically Disadvantaged	
		N	%	N	%	N	%
Fall 2019	Not yet advanced to Oral Reading	840	74%	385	82%	1393	69%
	Advanced to Oral Reading	302	26%	85	18%	624	31%
Fall 2020	Not yet advanced to Oral Reading	741	72%	338	82%	1335	72%
	Advanced to Oral Reading	289	28%	76	18%	523	28%



# Additional Data

- [MAP Fluency scores by neighborhood for each grade level and year](#)
- [Boston Public School Demographics for all students](#)