

# Second-Year Evidence from an Evaluation of the Partnership Model

Presented at:
Fall Partnership District
Network Event –
Office of Partnership Districts
September 30, 2020

## **RESEARCH QUESTIONS**

## **EPIC's Year 2 Evaluation of the Partnership Model Asks Five Main Questions:**

- 1. How has the Partnership model changed over time?
- 2. How has Partnership changed education in Partnership schools and districts?
- 3. How are educators and leaders in Partnership schools and districts implementing the reform as it matures?
- 4. What human capital challenges face Partnership schools and districts and how are educators in these districts addressing them?
- 5. What conditions, other than human capital, mediate Partnership turnaround efforts?



## **DATA AND METHODS**

## EPIC's multi-method evaluation relies on several sources of data to address research questions:

Data Type	Data Source	Analysis Method
Administrative	Student administrative records (n=9,014,665 student-years)	Regression-based analyses (event studies)
	Educator administrative records (n=573,875 educator-years)	Regression-based analyses (event studies)
Surveys of Educators in Partnership Districts	Teachers in Partnership districts (fall 2018 n=2,718; RR 38%) (fall 2019 n=3,324; RR 49%)	Descriptive analyses
	Principals in Partnership districts (fall 2018 n=81; RR 29%) (fall 2019 n=88; RR 38%)	Descriptive analyses
Educator COVID Surveys	K-8 teachers across the state (statewide n=8,565; 16% RR) (Partnership district n=909; 19% RR)	Descriptive analyses
	K-8 principals across the state (statewide n=316; 12% RR) (Partnership district n=29; 12% RR)	Descriptive analyses

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Qualitative Interviews	LEA/ PSA Leader Interviews (2018-19 n=22) (2019-20 n=22)	Descriptive & thematic coding
	Case study interviews (2018-19 n=60 across 3 sites) (2019-20 n=28 across 3 sites)	Descriptive & thematic coding, comp. case study
Qualitative Observations and Document Analysis	Review of Goal Attainment (RGA) meetings (n=3)	Observation
	Continuity of Learning (COL) plans (n=813)	Descriptive coding, EPIC-developed rubric



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## MICHIGAN'S PARTNERSHIP MODEL **ORIGINAL THEORY OF CHANGE**

#### **IDENTIFIED BY MDE AS LOW-PERFORMING**

#### PARTNERSHIP AGREEMENT DEVELOPMENT & **IMPLEMENTATION**

- › District as driver of change
- > Comprehensive needs assessment
- Draft academic and non-academic 18- & 36-month goals
- Develop turnaround strategies
  - Aligned with district/school context
  - Aligned with 18- & 36-month goals
  - Align supports from MDE & ISD
- > Identify community partners
  - Solicit input on reform strategies
  - Align supports with turnaround strategies & goals



#### **PARTNERS**

#### MDE/OPD

- Liaison
- Teacher & Leader **Instruction Support** Grant
- 21H Grant
- Referrals to other offices' departments
- Regional Assistance Grant to ISD

#### ISD

- Professional development
- Training
- Coaching

#### **COMMUNITY**

- Advise & expertise
- Additional

#### **NEAR-TERM OUTCOMES**

#### DISTRICT

Improved systems with greater capacity to support core district functions

- Human resources
- Curriculum
- Instructional systems (e.g., professional development)
- Operations
- Data use

#### INTERMEDIATE **OUTCOMES**

Increased educator retention

> Consistent. high-quality instruction

More efficient use of resources

#### **LONG-TERM OUTCOMES**

#### **IMPROVED ACADEMIC OUTCOMES**

- Higher achievement
- Reduced dropout

#### **IMPROVED** WHOLE-CHILD **OUTCOMES**

- Attendance
- Behavior

#### **SCHOOL**

Improved functioning of instructional core

- Improved instruction
- Goals aligned with turnaround strategies & interventions
- Use of data & metrics to inform & evaluate improvement

#### **DISTRICT-DETERMINED CONSEQUENCES FOR FAILURE** TO IMPROVE:

- > Reconstruction
- Restart
- ) ISD takeover
- **CEO** appointed

LOCAL CONTEXT STATE CONTEXT



## MICHIGAN'S PARTNERSHIP MODEL UPDATED THEORY OF CHANGE

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### AMENDMENT OF THE PARTNERSHIP AGREEMENT

If the district or MDE sees a deficiency in the PA, its 18-month benchmarks may be amended

#### **EVALUATION PROCESS**

- > Review of Goal Attainment at 18/mo.
- > Evaluation of Partnership Agreement at 36/mo.

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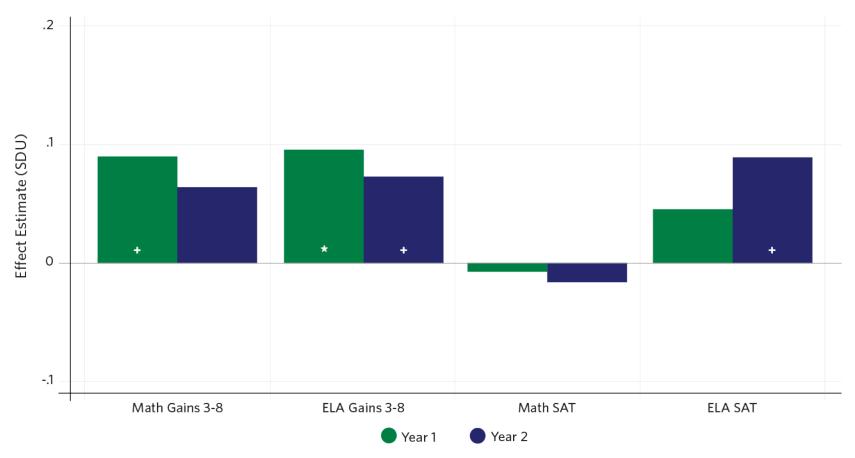
FAILURE

#### TO IMPROVE:

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## PARTNERSHIP'S IMPACT: COHORT 1 PARTNERSHIP SCHOOLS

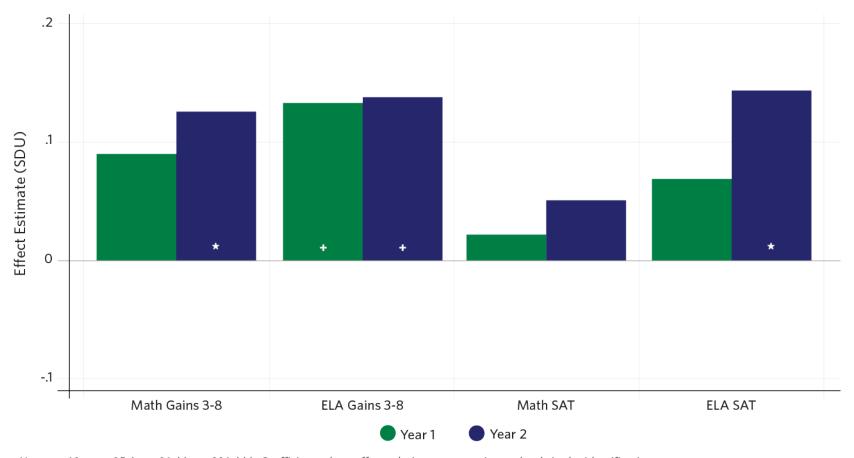
Partnership Had a Positive Effect Across Performance Measures in Cohort 1 Partnership Schools



Note: p<.10 +, p<.05 \*, p<.01 \*\*\*, p<.001 \*\*\*. Coefficients show effect relative to comparison schools in the identification year.

## PARTNERSHIP'S IMPACT: COHORT 1 DPSCD PARTNERSHIP SCHOOLS

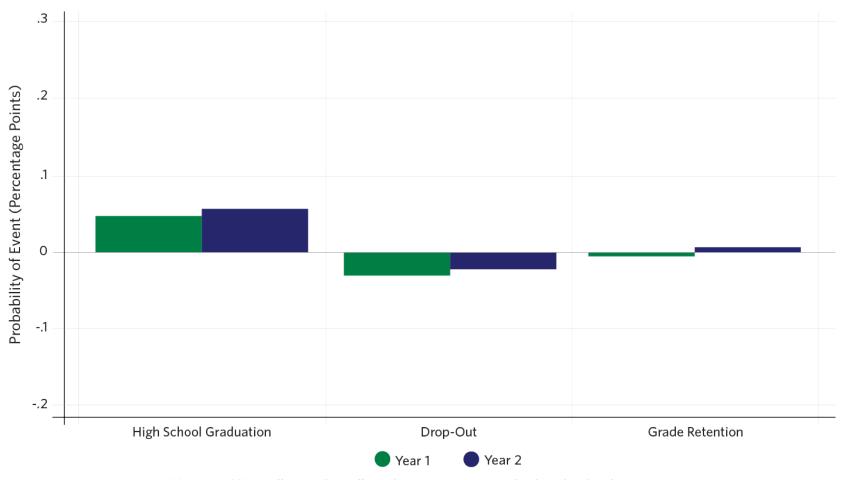
Cohort 1 DPCSD Partnership Made Achievement Gains in Each of the First Two Years of Partnership



Note: p<.10 +, p<.05 \*, p<.01 \*\*\*, p<.001 \*\*\*. Coefficients show effect relative to comparison schools in the identification year.

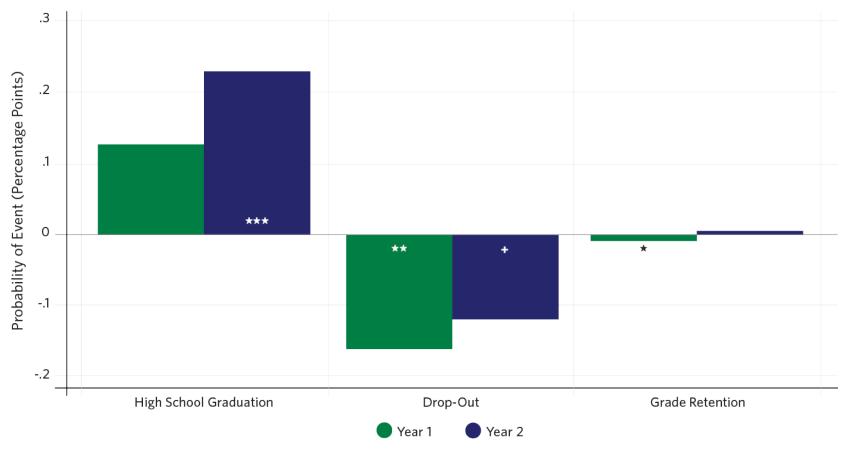
## PARTNERSHIP'S IMPACT: COHORT 1 PARTNERSHIP SCHOOLS

Partnership Didn't Significantly Impact Other Indicators of Performance



## PARTNERSHIP'S IMPACT: COHORT 1 DPSCD PARTNERSHIP SCHOOLS

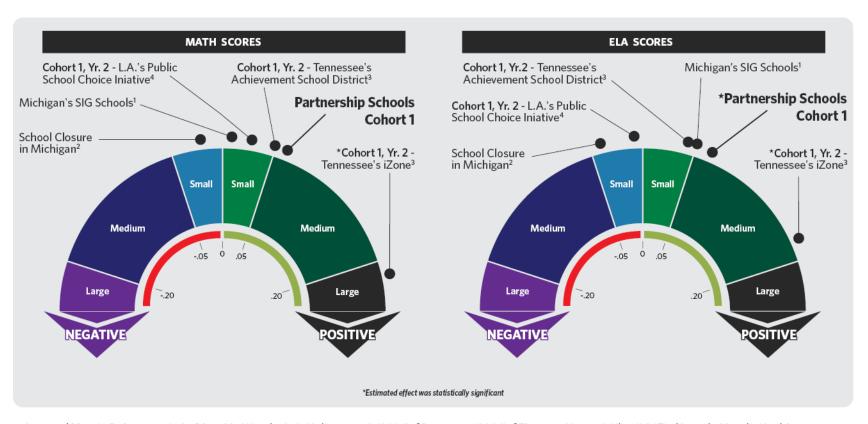
Cohort 1 DPCSD Partnership Schools Showed Decreased Drop-out and Increased Graduation Rates



Note: p < .10 +, p < .05 \*, p < .01 \*\*\*, p < .001 \*\*\*. Coefficients show effect relative to comparison schools in the identification year.

## YEAR 2 PARTNERSHIP OUTCOMES: COHORT 1

Cohort 1 Year 2 Partnership outcomes fare near the middle of the distribution of similar interventions

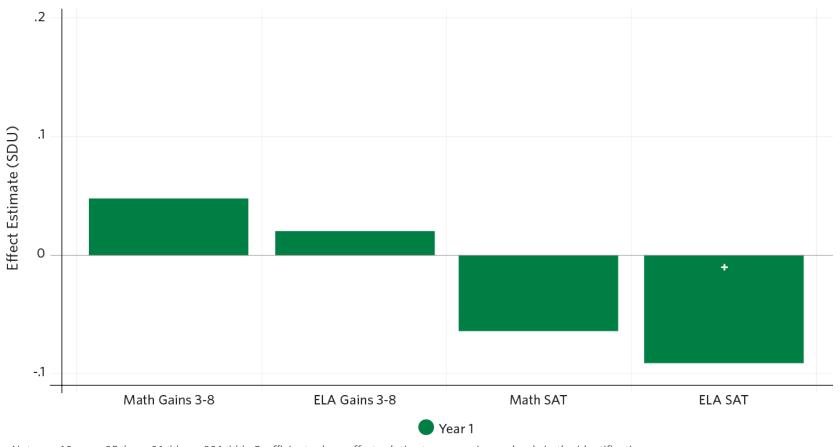


Source: <sup>1</sup>Rice, J., Bojorquez, J. C., Diaz, M., Wendt, S. & Nakamoto, J. (2014); <sup>2</sup>Brummet (2014); <sup>3</sup>Zimmer, Henry & Kho (2017); <sup>4</sup>Strunk, Marsh, Hashim, Bush-Mecenas & Weinstein (2016)

Note: While Partnership schools fared descriptively better than turnaround schools in this subset of interventions, the ELA effect size was qualitatively similar to other interventions with small-to-medium effects, and the math estimate was not significantly different from zero.

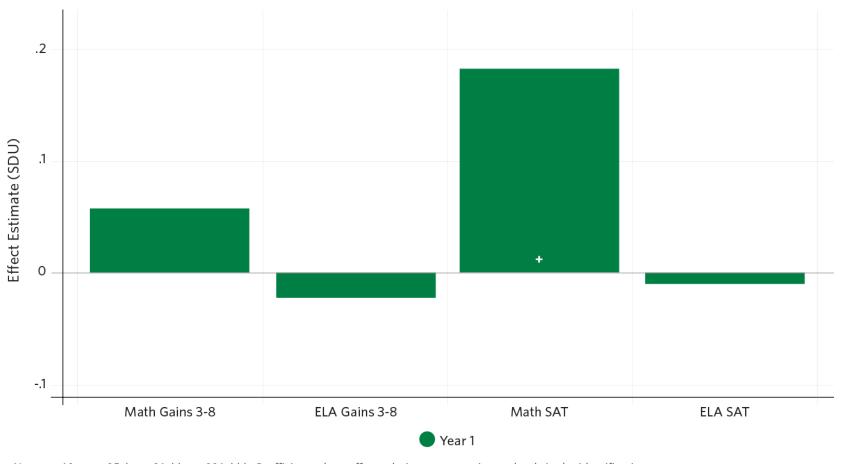
## PARTNERSHIP'S IMPACT: COHORT 2 PARTNERSHIP SCHOOLS

Cohort 2 Partnership Schools Fared Similarly to Comparison Schools on Most Test Score Outcomes, Though ELA SAT Scores Dipped in the First Year of Partnership



## PARTNERSHIP'S IMPACT: COHORT 2 DPSCD PARTNERSHIP SCHOOLS

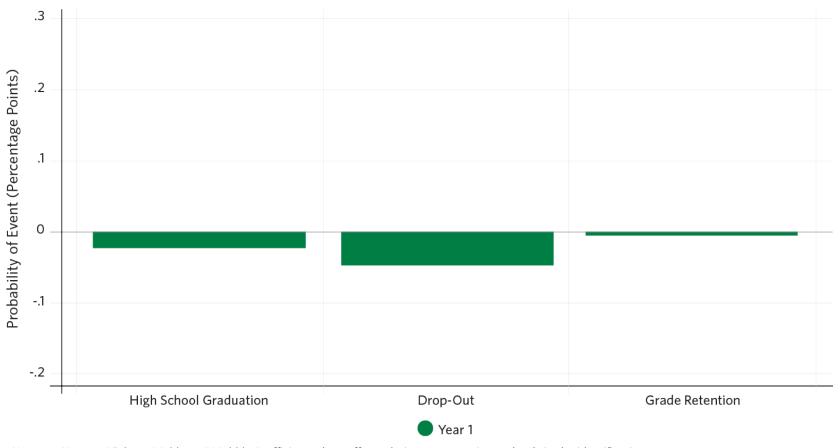
**DPSCD Students Experienced Improved Math SAT Scores** 



Note: p < .10 +, p < .05 \*, p < .01 \*\*\*, p < .001 \*\*\*. Coefficients show effect relative to comparison schools in the identification year.

## PARTNERSHIP'S IMPACT: COHORT 2 PARTNERSHIP SCHOOLS

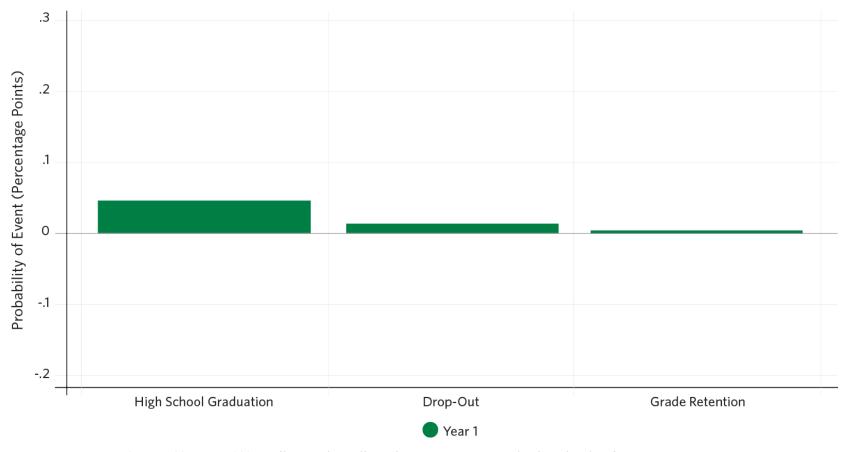
Cohort 2 Partnership Schools Also Fared Similarly to Comparison Schools on Non-Test Score Outcomes



Note: p<.10 +, p<.05 \*, p<.01 \*\*\*, p<.001 \*\*\*. Coefficients show effect relative to comparison schools in the identification year.

## PARTNERSHIP'S IMPACT: COHORT 2 DPSCD PARTNERSHIP SCHOOLS

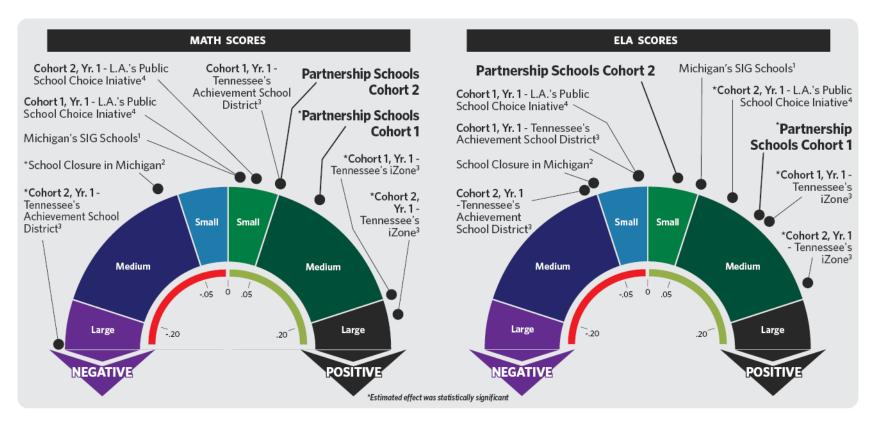
DPSCD Cohort 2 Partnership Schools Fared Similarly to Comparison Schools on Non-Test Score Outcomes



Note: p < .10 +, p < .05 \*, p < .01 \*\*\*, p < .001 \*\*\*. Coefficients show effect relative to comparison schools in the identification year.

## YEAR 1 PARTNERSHIP OUTCOMES: COHORT 1 AND COHORT 2

Cohort 2 Partnership outcomes are less positive than Cohort 1, but comparable to similar interventions



Source: ¹Rice, J., Bojorquez, J. C., Diaz, M., Wendt, S. & Nakamoto, J. (2014); ²Brummet (2014); ³Zimmer, Henry & Kho (2017); ⁴Strunk, Marsh, Hashim, Bush-Mecenas & Weinstein (2016)

Note: Michigan SIG Evaluation (2014). This is a different source that was used last year, as this source includes year 2 outcomes.

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**OUTCOMES** 

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### LOCAL CONTEXT

## PARTNERSHIP FACILITATES IMPROVEMENT

Partnership Offers a Strategic Planning Framework Which Facilitates Improvement:

- 1. Identify the most critical goals
- 2. Use data-driven instruction and a continuous improvement cycle
- 3. Improve communication both within the internal leadership team and with external partners

### **ALIGNMENT: PAS AND SIPS**

## **Educators Report Increasing Alignment Between Partnership Agreements and School Improvement Plans**



Note: Educators were asked to rate their agreement with statements about the alignment between their school improvement plan and Partnership Agreement. The prompt was "My school improvement plan and Partnership Agreement identify similar..."

### **SCHOOL IMPROVEMENT GOALS**

## **Educators Viewed Their School Improvement Goals Favorably**



Note: Educators were asked "Please indicate the extent to which you agree or disagree with the following statements about your Partnership Agreement/School Improvement goals."

## **DISTRICTS' IMPROVED USE OF DATA**

## Partnership Improved Districts' Use of Data to Inform Instruction & Practice

#### 1. Partnership goal-setting and evaluation process led to increased data use

"It really was a benefit, because it did make us really—we had all the data, we didn't have to aggregate data, we had it. Putting it together in one place I think was a really good part—a really good thing."

Rangers' Charter Leader

"I think the sensitivity to the data in [that Partnership] school has increased tenfold. I think the understanding of the data component of [Partnership school] and their staff, they'll walk away with a really strong understanding of not only just—not panic urgency—but healthy urgency to address things and know that this affects their kids."

- Stars' District Leader

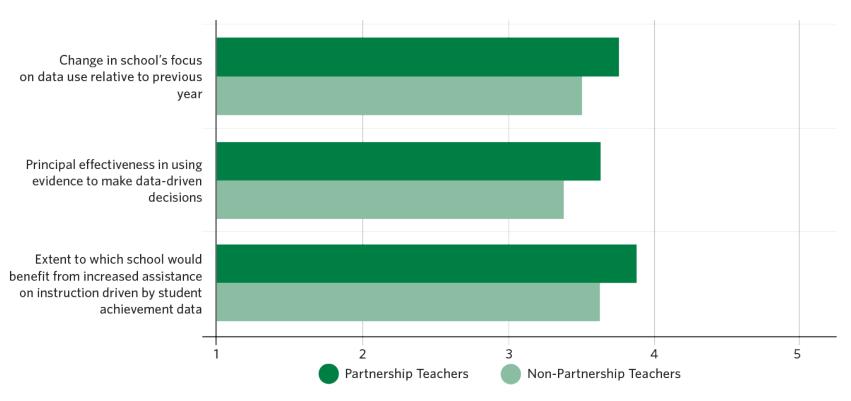
## 2. Partnership schools and districts used data conversations to improve communication and align instruction with Partnership goals

"Well, I think the other piece has been really forcing us to look at the reading and math scores and then the classroom teachers working with [a coach] to bridge the gap of where kids might not be understanding algebra or geometry and then giving those additional supports. That has been very helpful."

Red Wings' District Leader

## TEACHERS REPORT A FOCUS ON DATA USE FOR IMPROVEMENT

Partnership improved districts' use of data to inform instruction and practice

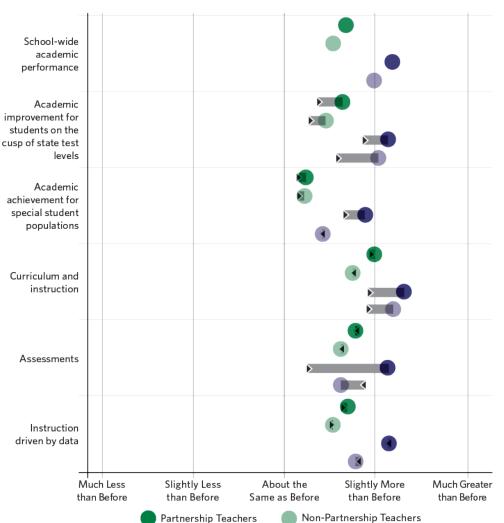




Note: Educators were asked the following three questions about data use: 1) "Comparing this year to the 2018-19 school year, to what extent has your school's focus changed in the following areas: instruction driven by student achievement data (answers ranged from 1= much less than before to 5= much greater than before); 2) Consider your school's 2018-19 principal or leader... Indicate how effectively your principal or school leader performed each of the following: used evidence to make data-driven decisions (answers ranged from 1=not at all effectively to 5 = extremely effectively); and 3) To what extent do you believe that your school would benefit from increased attendance in the following areas: instruction driven by student achievement data? (answers ranged from 1= no benefit to 5 = immense benefit).

### **ACADEMIC PERFORMANCE**

### **Educators Report Increasing Focus on Academic Performance**





- changing curricula,
- working to build teachers' instructional capacities
- enhancing teacher recruitment and retention

Partnership Teachers
Non-Partnership Teachers
Partnership Principals
Non-Partnership Principals
Decrease Since 2018

Note: Educators were asked, "Comparing this year to last year, to what extent has your school's focus changed in the following areas?" We asked about schoolwide academic performance for the first time in the 2019-20 survey.

## **ACADEMIC PERFORMANCE**

## **Educators Report Increasing Focus on Academic Performance**



"We did purchase a new reading curriculum. After looking through our needs assessment, the reading curriculum actually stood out: a lack of resources and/or alignment, pacing, scope, sequence and organization, unification. We decide to purchase an all-inclusive reading curriculum, which we purchased with 21h funds."

- Wild's Charter Leader

"A lot of our process goals circled around English Language Arts and math, both new curriculums and counted assessments. [...] Within those process goals, all that was embedded in addition to instructional rounds—which was a new process component that started with our Partnership—which is where teachers and staff travel within their school to observe kind of like a medical doctor would do. They go do rounds to help understand about patients. This would be teachers walk around to different classrooms in a structured format, not to evaluate the teacher but to review processes and then go back and reflect on what they've learned and what things they could take away from it."

- Stars' District Leader





### FAMILY AND STUDENT ENGAGEMENT

## **Educators Report Increasing Focus on Family and Student Engagement**



"We're also being pushed far as [building] community... we have to meet all the needs of the students, so making sure we have a social worker in place, making sure we have busses to pick up families when we have parent teacher conferences or Black history or holiday programs. All of the things above."

- Senators' Charter Leader

"We're very supportive to the families that come into the door. We want their kids to make it to school and to be a part of our culture here at Flames, so we make sure we reach out to them and if there's any issues that they're having, we try to resolve it."

- Flames' Teacher



#### 11 LEADERS

discussed efforts to increase parent or community engagement in schools.



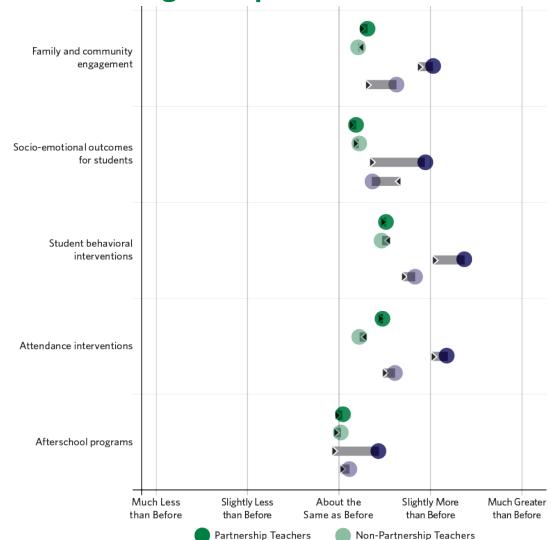


### **CULTURE AND CLIMATE**

Partnership Educators are Working to Improve Culture and Climate

I think there's a lot more focus on [culture and climate] now, and we just have a better understanding of how they fit into the turnaround of the building... we want to reduce our suspension numbers, increase attendance because... if the instruction is excellent and only 75% of our students are in those classrooms, it's not going to make a difference, so we work on culture and climate, we work on attendance, we work on truancy, and that's been our focus.

- Stars' Principal



Partnership Principals

Increase Since 2018

Non-Partnership Principals

Decrease Since 2018

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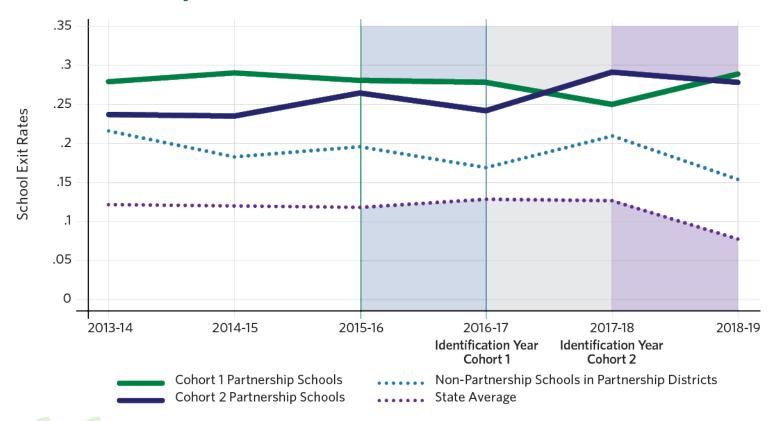
**LONG-TERM** 

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- > Attendance
- Behavior

- > Improved instruction
- metrics to inform

### RECRUITMENT AND RETENTION

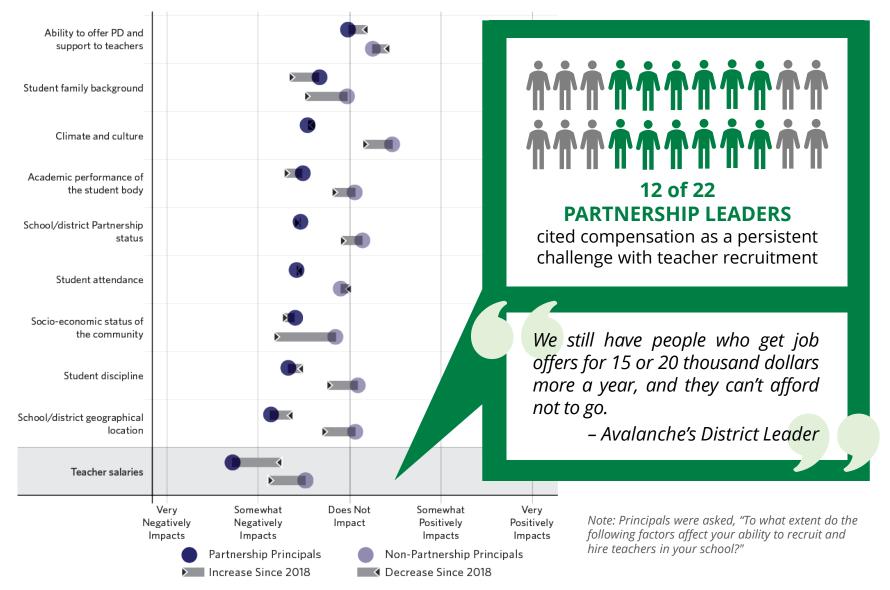
## Teacher Recruitment and Retention Remains a Challenge in Partnership Schools and Districts



For every opening, you used to get 40 applicants, 10 of whom were very hirable, 5 of whom were probably great. I'm talking up till about 5 years ago. Now, you are lucky to get one, extremely lucky to get two or three, and incredibly lucky if one of them is really a hirable candidate.

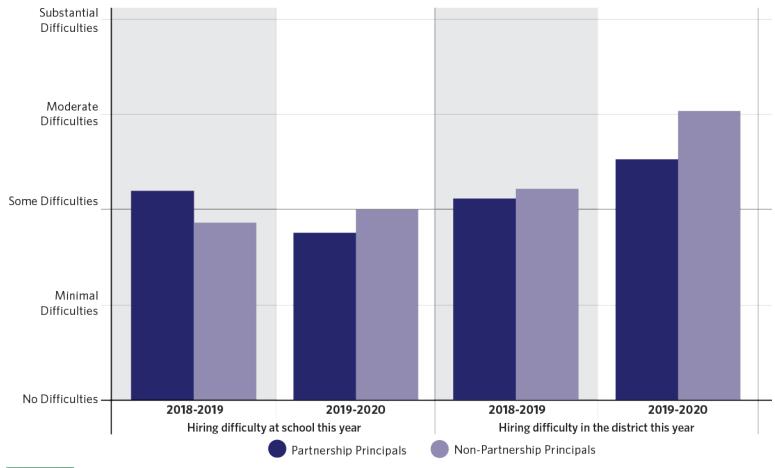
### **TEACHER COMPENSATION**

### Several factors impede teacher hiring & recruitment



### HIRING DIFFICULTY

## Partnership school principals report less difficulty in hiring over time; more difficulty district-wide





Note: Principals were asked, "To what extent did your school and district experience difficulties in recruiting and hiring teachers this year (2019-2020)?"

### **TEACHER RECRUITMENT**

### **Districts Implemented New Strategies to Recruit Teachers**

### 1. Teacher Compensation:

Half of Partnership leaders reported using compensation – e.g., salary increases, signing bonuses, or financial incentives – to help recruit teachers.

### 2. Grow Your Own Program:

districts implemented programs to help substitute teachers become credentialed, attract new teaching interns, or mentor and develop teachers already in the district. Often in partnership with universities.



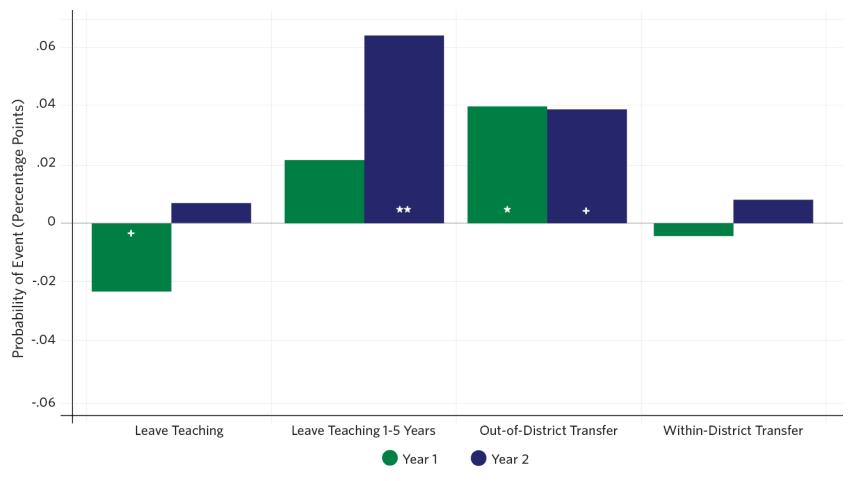
### 3. Attracting "Right Fit" Teachers:

districts changed hiring practices to reach teachers who would mesh well with district culture and be less likely to leave.

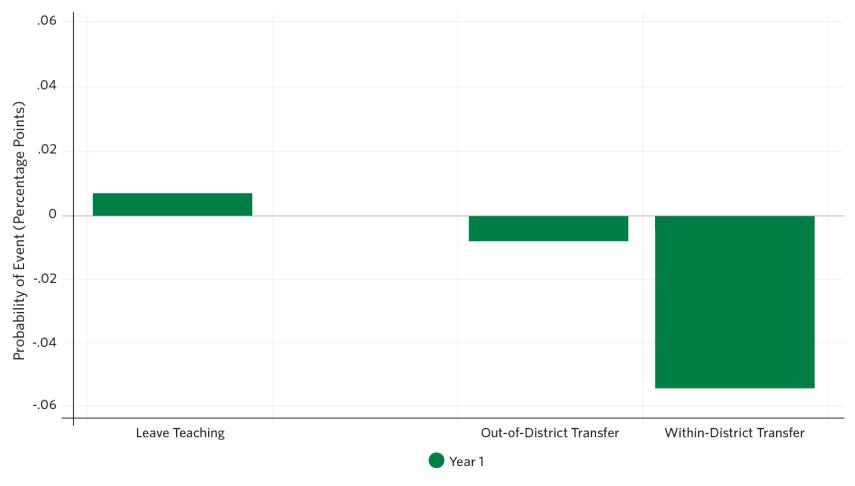
## Difficulties Persist with Teacher Retention in Partnership Schools



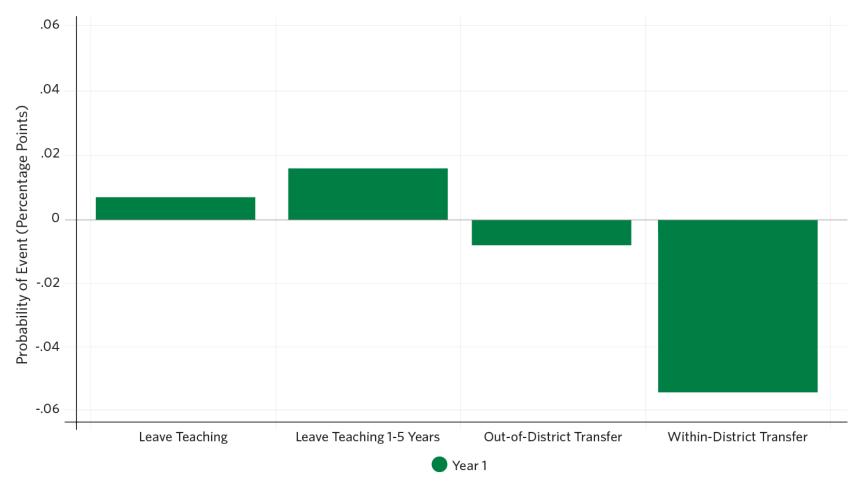
## Difficulties Persist with Teacher Retention in Partnership Schools – Early Career Teachers



**Cohort 2 Partnership and Comparison Teachers** were Similarly Likely to Exit their Schools

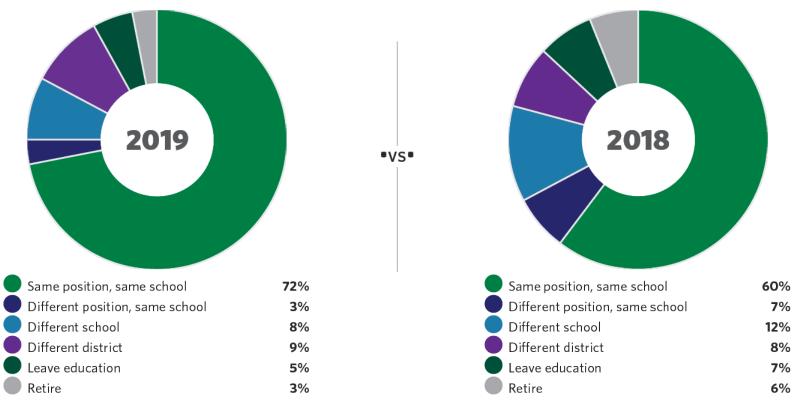


# **Cohort 2 Partnership and Comparison Teachers** were Similarly Likely to Exit their Schools



# PARTNERSHIP TEACHERS: FUTURE PLANS

Across Both Cohorts, Partnership School Teachers Reported They Planned to Stay in Their Positions



Note: Teachers were asked, "Which of the following best describes your plans for next school year?"

## **TEACHER RETENTION**

#### Factors that influence teacher retention and exit

1. School leadership is a key factor in teachers' decisions to stay in their schools.

"We're seeing what makes a difference, and it's when people can trust and have stable leadership and when they have a support structure and colleagues that they care about with a likemindedness of serving kids."

- Avalanche District Leader

2. Compensation, School Leadership, and Workload are the most important factors driving teachers' decisions to leave.



## **TEACHER RETENTION**

## Districts implemented new strategies to improve working conditions & retain teachers

- 1. Focus teachers' time on core work
- 2. Build trust and sense of belonging
- 3. Recruit strong school leaders
- 4. Improve teacher compensation
- 5. Focus on teacher development

## **RESEARCH QUESTIONS**

## EPIC's Year 2 Evaluation of the Partnership Model Asks Five Main Questions:

- 1. How has the Partnership model changed over time?
- 2. How has Partnership changed education in Partnership schools and districts?
- 3. How are educators and leaders in Partnership schools and districts implementing the reform as it matures?
- 4. What human capital challenges face Partnership schools and districts and how are educators in these districts addressing them?
- 5. What conditions, other than human capital, mediate Partnership turnaround efforts?



## HIGH QUALITY SCHOOL LEADERS

## Recruiting and retaining high quality school leaders seen as key to effective school turnaround



"We talk about, 'People don't quit the job, they quit their boss.' We believe that relationships with leaders and teachers is ground zero for retention."

- Rangers' Charter Leader

"One of the things we've learned that has been huge is that leadership makes a huge difference in terms of turnover and that stability tends to breed stability, and instability tends to breed instability. ... we now have a solid principal who's able to provide strong guidance and is well-liked by the staff. S/he's done some of his/her own hiring that has—basically, s/he's found likeminded people who have come to work there. What's happened then in [that] school is that turnover has stabilized significantly because of that stable leader, and the team, it's not—they're not all just staying for her, but they're staying for each other. They have a support structure that kind of has been developed within the school that has helped them to stabilize the workforce."

- Avalanche's District Leader

"The scores had lowered. The school had a great reputation and had won all these awards, and then we just noticed that the scores were going down. We had a conversation with [the prior leader] and just the passion wasn't there and, in turn, it affected the management of the school and the students as well."

- Flames' District Leader



## **FUNDING**

## 21h funds were viewed as valuable, especially for smaller schools and districts



"We're talking several hundred thousand dollars, that makes a big difference in a small school."

- Maple Leafs Charter Leader

"We also used the money to receive training for our central office and coaches to be trained in some math interventions."

- Bruins' District Leader

"[21h] has definitely been a resource that has allowed us to move forward with some strategies that again, we've had our sights set on, but didn't have necessarily a way to make it come to fruition because there just wasn't funding available behind it in the school's budget. It ... will play a really pivotal role in how we're able to not just make the improvements but sustain the improvements and then grow on them over time."

- Flyers' Charter Leader

"There's 21h funding, which goes along with your Partnership Agreement and in some situations, I've taken advantage of that, but it's also very hard to find additional personnel that want to come on board, knowing that the position is in a way, grant funded. In education people are very apprehensive to take grant funded positions because at any point in time that grant funding can no longer be available."

- Predators' Charter Leader



## **FUNDING**

### **Financial Constraints Still Inhibited Improvement**

- 1. Funding available via 21h and RAG funding; lower 21h funding (\$6 million) in 2019-20 than previous years
- 2. Leaders emphasized how financially stretched they were, and the inadequacy of available funds

"I guess I would say a good way to look at it is as far as budgets go, so far, we've budgeted [around half a million from outside money]. That's a drop in the bucket compared to the amount of resources we need to sustain what we're doing. I'd say no, it's not enough."

- Stars' District Leader

3. Miscommunication around the use of 21H funds made it harder for some Partnership leaders to efficiently expend them

"With this particular partnership, 21H, yes, there have been issues with that and then the other funds that we use are our Regional Assistance Grants, the RAG money... Last year alone, we had to spend about I think it was [thousands of dollars] out of the general budget because of that communication issue between us, the ISD, and MDE, so it's been pretty frustrating."

Red Wings' District Leader



# STREAMLINED SYSTEMS AND PROCESSES

### Review of Goal Attainment Process was Useful to Many Partnership Leaders

## 1. Review of Goal Attainment (RGA) process enabled reflection and continuous improvement

"RGA was a good check and balance to make sure that we were who we said we were. It was a good way to validate all the hard work we're doing. It was a good way to validate that our processes and systems are strong, ... with proof, with evidence we were moving in the right direction. ... I think if we weren't in the Partnership Agreement, we would have continued moving forward and not pausing to look at and reflect on what we did like we did. The review of goal attainment makes you stop and review and reflect in a structured process."

- Stars' District Leader

"[RGA] validated the work through our ratings, and then we also received feedback on things that we were doing well and things that we can improve upon."

- Blues' District Leader

#### 2. Districts used RGA to tell their stories

"It was helpful for MDE to hear our whole story, and for all of our partners to hear that story with MDE here. [Specifically,] the challenges that were faced. The big picture, not just the NWEA scores and those types of things. ... We just were really able to share that data about all the [teacher] turnover and how that affects us."

- Devils' District Leader

# STREAMLINED SYSTEMS AND PROCESSES

### There was still a sense of "building the plane while flying it"...

#### 1. RGA process was time-intensive and still somewhat compliance-focused

"What's the point? What's the purpose? All the Partnership districts are schools that serve predominantly vulnerable students. What are they hoping to gain by us uploading a lot of documents? Would it be more purposeful to be on the ground here, really trying to create or help us design a systems response to underachieving kids, or is it better to ask us to do a lot of paperwork?"

- Ducks' District Leader

"That's just going to be more time that we're not going to be able to do the work we were going to be able to do. There's work coming up that I'm going to have to do that's going to take hours to put together. That's [...] just reporting on what's already happened. It's not moving us forward."

- Blues' Charter Leader

## 2. Instability in liaison assignments contributed to misunderstandings and shifting expectations in some districts

"A Partnership liaison changed. I believe one of the reasons for some of the early on confusion is our liaison. [...] I think s/he told us some things that weren't quite accurate. We had misinformation [...] I think that that was the reason for some of the misunderstandings. We ended up with a new liaison, and I'm not sure why we didn't ask for one."

Rangers' Charter Leader

## **CHALLENGES: COVID-19**

### Partnership Districts are Among the Most Impacted by COVID

#### 1. Remote learning

Teachers in Partnership districts reported greater challenges with transitioning to remote learning

#### 2. Return to school - Fall 2020

More Partnership districts planned to start the 2020-21 school year fully remote; fewer planned to return to school in-person

#### 3. Electronic devices and internet access

Partnership districts were more likely to provide students with electronic devices and internet access

#### 4. Virtual engagement

Partnership teachers were more likely to report offering students opportunities for direct virtual engagement

### 5. Professional development

Partnership districts were more likely to offer professional development and training on distance learning

## **KEY TAKEAWAYS**

#### From EPIC's Year 2 Evaluation of the Partnership Model:

- Early partnership effects on student outcomes are mixed but remain positive for Cohort 1
- Partnership educators leveraged the Partnership Model to benefit their schools and districts
  - Strategic planning for improvement
  - Increased focus on academic performance, curriculum and instruction, family/community engagement, school culture/climate, and whole-child initiatives
- Teacher recruitment and retention remain a challenge in Partnership schools and districts
- There are several mediating factors that are critical to successful turnaround in Partnership schools and districts
  - A high quality and stable teaching force
  - High quality school leaders
  - Additional funds to aid in turnaround implementation
  - Continued efforts to streamline and improve Partnership systems & processes

## **POLICY IMPLICATIONS**

#### From EPIC's Year 2 Evaluation of the Partnership Model:

#### 1. Patience is warranted

School turnaround takes time; patience is warranted

#### 2. Continued Assistance

Partnership districts need continued assistance with teacher recruitment and retention

### 3. Additional Funding

Additional funding is critical for improvement efforts





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