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THE MICHIGAN CONTEXT AND PERFORMANCE REPORT CARD

-HIGH SCHOOLS 2016-

By Ben DeGrow and Ronald Klingler

Testimony to House Education Reform Committee (March 16, 2017)

Ben DeGrow,
Director of Education Policy
Mackinac Center for Public Policy

"CAP" Reports

- ✓ Why?
 - State Top-to-Bottom Rankings = Student Poverty > School Quality
 - ✓ Context, not Substitute
- ✓ Since 2012
 - 3 High School Editions
 - 2 Elementary & Middle School
- ✓ How It Works
 - Four years of state test scale scores.
 - Adjusted based on Free Lunch rates
 - CAP Score 100 = Meet Expectations
 - ✓ Letter Grades = Curved Distribution

Michigan Public High School Context and Performance Database



All Databases Achievement: High School | Elementary/Middle School Bargaming Revenue Supermendent
Other: Non-school Bargaming

Controlling for differences in the socioeconomic status of the students each school serves provides a more accurate assessment of a school's performance, since research has shown that student backgrounds can have a large impact on academic performance. The Michigan Context and Performance Report Card measures school performance by adjusting standardized test scores to account for student background - the 'context' of a school.

This Web tool displays the average "CAP Scores" for all standard Michigan public high schools based on multiple editions of the Mackinac Center's Michigan Public High School Context and Performance Report Card. School results can be viewed for individual or multiple report cards. Asterisks next to a school's name mean that school's scores are based on less than four years of publicly available data. CAP scores for schools that were not included in the report card due to insufficient data are listed as 'N/a'. Links to the full studies are listed below.

Downloads The Michigan Public High School Context and Performance Report Card, 2016
The Michigan Public High School Context and Performance Report Card, 2014
The Michigan Public High School Context and Performance Report Card, 2012



Row	School	School Type	Score	Statewida CAP Rank		CAP Grade	Locale Subgroup	Enroll- ment	Free & Reduced Lunch %	
22.5		S. M. S.		%He No		20	100			
t	Star International Academy	Charter	126.79	100,000	1	Α	Suburb: Large	1,682	90.9%	
2	International Academy	Selective	123.32	99.54th	2	A	Suburb Large	1,547	4.7%	
3	City Middle/HS	Belective	121.96	99,690	3	A	City: Midsize	727	58.4%	

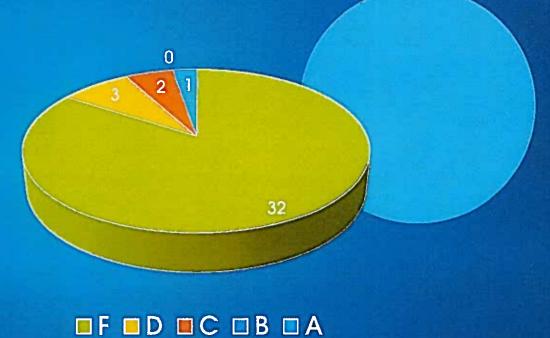
Notable Results

	Maria Company	School Type	District		Overall CAP Values		
Rank	High School		or Municipality	Locale	Score	Percent Rank	Grade
115	Star International Academy	Charter	Dearborn Heights	Suburb: Large	126.80	100.00%	A
2	International Academy	Selective	Bloomfield Hills	Suburb: Large	123.33	99.54%	A
3	City Middle/High School	Selective	Grand Rapids	City: Midsize	121.96	99.69%	A
4	Saginaw Arts and Sciences Academy	Selective	Saginaw	City: Small	118.81	99.53%	A
	Henry Ford Early College	Selective	Dearborn	Suburb: Large	118.00	99.37%	A
	Riverside Academy - West Campus	Charter	Dearborn	City: Small	115.34	99.22%	A
7	Central Academy	Charter	Ann Arbor	City: Midsize	114.96	99.06%	A
8	Cesar Chavez High School	Charter	Detroit	City: Large	114.13	98.90%	A
	Wellspring Preparatory High School*	Charter	Grand Rapids	City: Midsize	112.55	98.75%	A
10	Okemos High School	District	Okernos	Rural: Fringe	112.23	98.59%	A
11	Bloomingdale Middle and High School	District	Bloomingdale	Rural: Distant	112.19	98.44%	A
12	Frontier International Academy	Charter	Hamtrarnck	Suburb: Large	112.15	98.28%	A
13	Genesee Early College	Selective	Bandle	City: Mideize	112.06	98.12%	A
14	Grayling High School	District	Crawford Ausable	Rural: Fringe	111.54	97.97%	A
15	Planeer High School	District	Ann Arbor	City: Midsize	111.37	97.81%	A
16	Renalesance High School	Selective	Detroit	City: Large	111.15	97.65%	A
17	Oxford Schools Early College*	Selective	Oxford	Suburb: Large	111.13	97.50%	A
10	Covert High School	District	Covert	Rural: Distant	111.03	97.34%	A
19	Universal Academy	Charter	Detroit	City: Large	111.00	97.18%	A
20	Fordson High School	District	Dearborn	City: Small	110.98	97.03%	A

- ✓ Star International Academy (Dearborn Heights) = #1 High School 3 times running
- ✓ 2 DPS charter schools at top of Elem. / Middle School rankings
- Selective admission schools strong
- Some suburban schools outperform others
- Some urban, rural schools beating odds of poverty

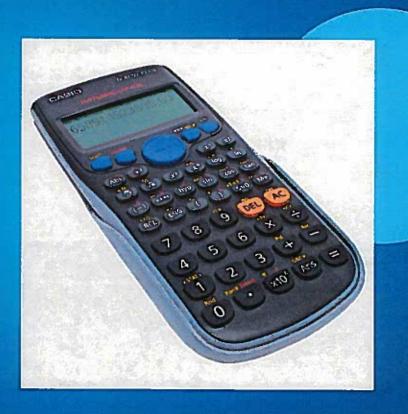
"Next Level of Accountability" Schools by CAP Grades

- √ 70% Congruence
 - ✓ 27 of 38 in our Bottom 5%
- Notable exceptions
 - 1 A school: Thirkell Elementary (DPS)
 - 2 C schools: Ann Arbor Trail Magnet (DPS) & K-zoo Writers Academy
- Should inform priority of closures / interventions



New Measures Can Add Precision

- ▶ CAP: Limitations of Public Data
 - ▶ Free Lunch #s may be imprecise
 - School-level average scale scores by test-year
- Student-Level Growth Data
 - Objective, Reliable, Balanced = A decent start
 - K-8 vs. High School metrics: Different emphasis needed



MDE Accountability Indicators

Indicator	Weight
Proficiency	29%
Growth	34%
School Quality/Student Success (includes teacher/administrator longevity; chronic student absenteeism; completion of a postsecondary credential while still in high school (CTE, AP, IB, dual enrollment); Time spent/access to fine arts, physical education, music ((academic indicator))	14%
Graduation Rate	10%
English Learner (EL) Progress	10%
Participation	3%

Rethink "School Quality / Student Success"



- Replace Staff Longevity & Absentee Rates
 - No meaningful differentiation
 - Possible unintended consequences
- Help K-8 Schools lift up neediest
 - Measure growth of school's lowest performing 25%
- Help High Schools reach finish line
 - CTE / AP / Dual enrollment credentials + Postsecondary ready



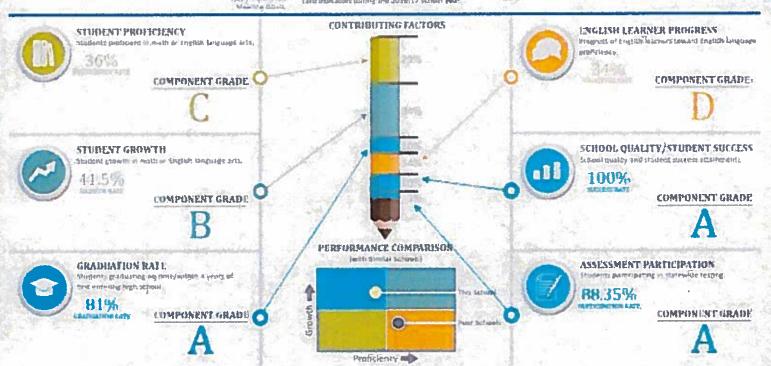
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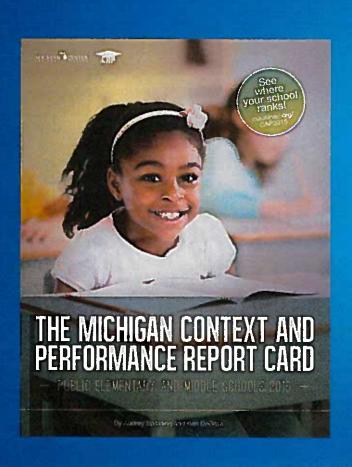


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Take A-F School Grades Statewide

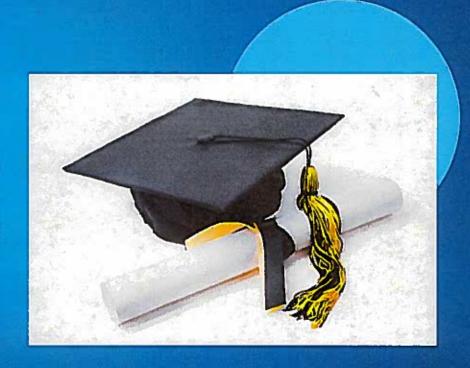


- Transparent and Easy to Understand
 - ▶ Broaden support of school improvement
- Backed by Evidence
 - Florida: "schools facing accountability pressure changed their instructional practices in meaningful ways," leading to higher test scores
 - NYC: Positive impact lost when new mayor repealed A-F school grades
- You Can Still Find Answers to:
 - What went into this grade?
 - ▶ How did comparable schools do?
 - ▶ What else do I need to know?

Interventions & Other Considerations

▶ Sticks...

- Fixing failing schools is challenging work; turnarounds often fail
- ▶ Don't close door on closure option
- Honor parent voice, expand choice
- ...AND Carrots
 - Reward top performers with defined flexibility, more freedom to innovate
- Alternative education programs
 - ▶ Real, unique accountability
 - Don't need to reinvent wheel





Ben DeGrow

Director of Education Policy

Mackinac Center for Public Policy

degrow@mackinac.org

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