



2015 SCORECARD OVERVIEW

EXCELLENT
SCHOOLS
DETROIT

DRAFT for REVIEW PURPOSES: MAY 30, 2015

Scorecard Values

Six values guided the development of the Scorecard:

- **Comprehensive:** includes multiple quantitative and qualitative, growth and proficiency measures across all tested subjects and grades to provide a comprehensive overview of school quality. Also includes student and teacher perception.
- **High Standard:** an A in Detroit is an A anywhere in the State.
- **Fair:** all schools are graded using the same set of measures, and any and all schools could earn an A grade. Student demographics are not predictive of school grades.
- **Accessible:** all measures are understandable and can be reconstructed, and the combination of measures onto the 100 point scale can be calculated.
- **Respects Autonomy:** includes student outcome measures that respect schools' autonomy to make decisions about how best to reach standards.
- **Takes a Long View:** uses two year averages whenever available and only summative assessments, capturing reliable and sustained student performance outcomes.

Grade & Tier Scales

Every school that has data across all measures can earn up to 100 points. Schools are given a Letter Grade between A-F, and placed in one of four Performance Tiers. Tier 1 and Tier 2 schools are considered excellent-to-good performers. Tier 3 schools are considered average-to-weak performers. Tier 4 schools are weak-to-failing performers.

New and turnaround schools that do not yet have a full set of data can earn a Promising designation. For a school to be designated Promising, the school's authorizer or district must nominate it, and share leading data and information that supports the nomination that the school has started strong and has a positive long-term potential for kids in Detroit. In the case of charter schools, past performance of an operator can be used to nominate a school as Promising, or veto such nomination.

Overall Grade & Tier Scale		
Percent of Total Points Earned	Letter Grade	Performance Tier
85-100%	A	1
75-84%	B+	1
60-74%	B	2
50-59%	C+	2
35-49%	C	3
25-34%	D+	3
10-24%	D	4
0-9%	F	4

Calculating Points

There are several measures included in the Overall Grade. Each measure has its own 10 point scale, and schools earn points based on their performance on the individual measures. Every measure has a scale. The floor, or 0 points on the scale, is set at the performance of the 5th percentile of all schools in the state. The ceiling, or 10 points on the scale, is set at the performance of the 90th percentile of all schools in the state. In other words, to earn all 10 points, a school has to perform at the 90th percentile of all schools in the state on that individual measure. And for a school to earn at least 1 point on an individual measure, it must perform better than the bottom 5% of schools on that measure. Points 1-9 for each measure are evenly distributed between the performance of the bottom 5th and top 90th percent.

(INSERT EXAMPLE GRAPHIC)

The points earned in each measure are then combined onto a 100 point scale using weights specific to K-8 and High School methodology.

K-8 Methodology

K-8 METHODOLOGY

Are students on track and academically prepared?
40%

- Are students proficient in READING for their grade? **10%**
- Are students proficient in MATH for their grade? **10%**
- Are students proficient in SCIENCE for their grade? **10%**
- Are students proficient in SOCIAL STUDIES for their grade? **10%**

Academic Preparedness Grade

Are students growing in math and reading?
40%

- Relative to their academic peers, do students at this school grow at a faster or slower in READING? **20%**
- Relative to their academic peers, do students at this school grow at a faster or slower in MATH? **20%**

Academic Growth Grade

What do the students and teachers think about this school?
20%

When students and teachers were asked on the 5Essentials Student and Teacher Survey, what did they say about their school? **20%**

School Culture Grade

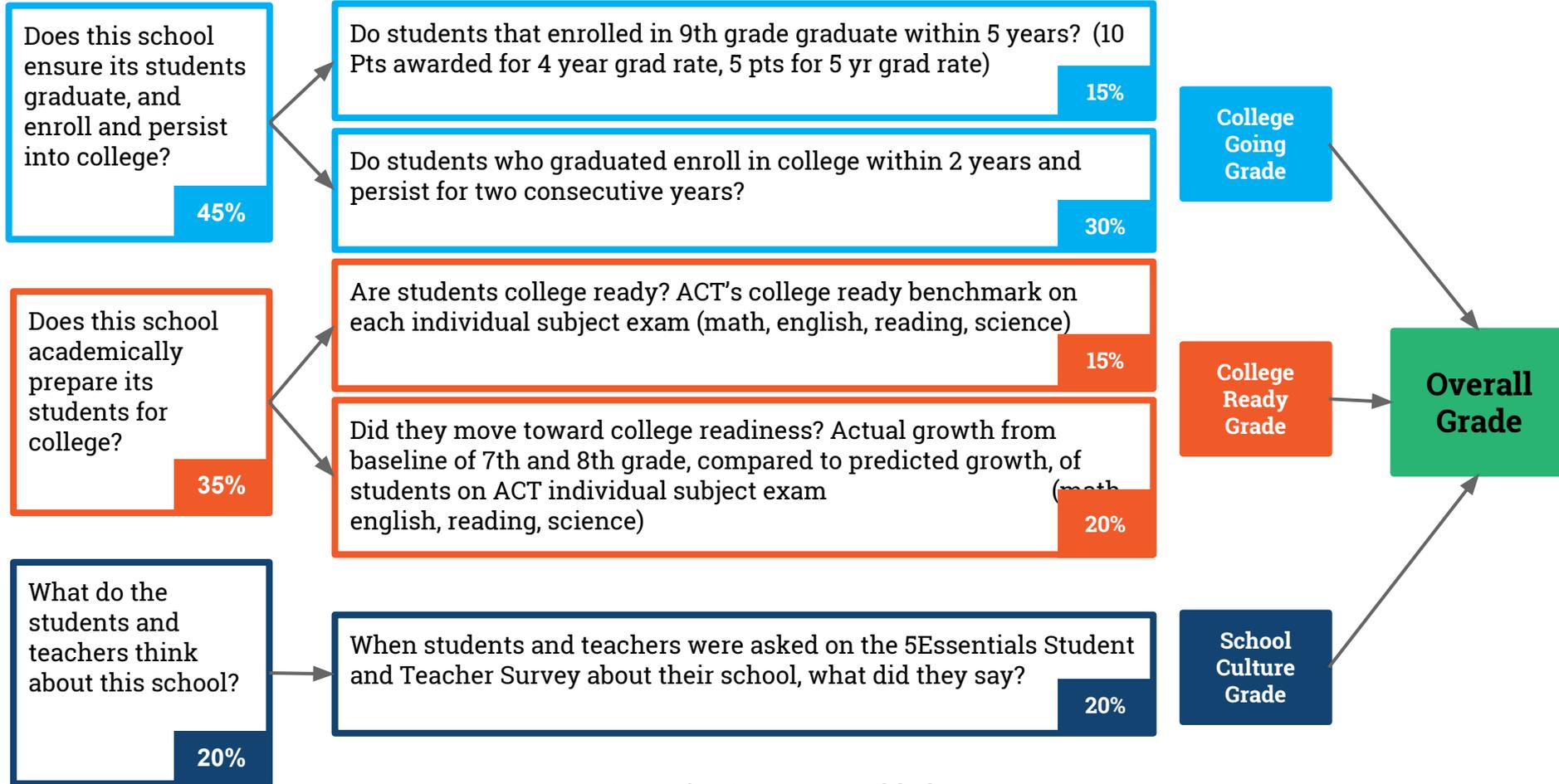
Overall Grade

Summary of K-8 Metrics

Metric	Definition	5th and 90th percentiles of the state distribution
MEAP Proficiency Rates (Math, Reading/Writing, Science, Social Studies)	Percent of students who are proficient in each subject for their grade level	Reading/Writing: 29 - 80% Math: 8 - 64% Science: 0 - 28% Social Studies: 2 - 49%
ESD Growth Measure for Students at Same Baseline (Math, Reading)	For students with identical scores last year, the average change in student scores, school-wide, from two baseline years to the current year.	Reading: 39 - 52 percentile Math: 37 - 57 percentile
5Essentials Teacher and Student Surveys	The 5Essentials are: <ul style="list-style-type: none"> - Effective Leaders - Collaborative Teachers - Involved Families - Supportive Environment - Ambitious Instruction 	Schools earn points based on overall Survey Score: <ul style="list-style-type: none"> - Well Organized: 10 pts - Organized: 8 pts - Moderately Organized: 6 pts - Partially Organized: 4 pts - Not Yet Organized: 2 pts

High School Methodology

HIGH SCHOOL METHODOLOGY



Summary of High School Metrics

Metric	Definition	5th and 90th percentiles of the state distribution
4yr and 5yr Graduation Rates	Graduation within 4 or 5 years of starting 9th grade; greater points awarded for graduating in 4 years	4yr: 24.0-96.4% 5yr: 29.4-97.8%
College Persistence	Student enrolls two consecutive years within 7 years of starting 9th grade	Enrollment: 27-84% Persistence: 0 - 68%
ACT College Readiness	ACT scores exceeds thresholds that indicate readiness for college classes in those subjects	English: 21-78% Math: 2-56% Reading: 7-53% Science: 3-51%
Difference between Actual and Predicted MME scores	Growth is measured by the difference between actual MME score and predicted MME score, based on Grade 7 and 8 MEAP scores	English: -1.82 - 1.14 Reading: -1.45 - 0.92 Math: -1.29 - 0.96 Science: -1.44 - 0.80
5Essentials Teacher and Student Surveys	The 5Essentials are: <ul style="list-style-type: none"> - Effective Leaders - Collaborative Teachers - Involved Families - Supportive Environment - Ambitious Instruction 	Schools earn points based on overall Survey Score: <ul style="list-style-type: none"> - Well Organized: 10 pts - Organized: 8 pts - Moderately Organized: 6 pts - Partially Organized: 4 pts - Not Yet Organized: 2 pts

Additional Data to be Collected

For all schools, we will eventually collect and post:

- Board membership & meeting schedule
- School and CMO Leadership profiles
- NWEA and Scantron data for K8s
- Financial and budget reports
- Community-led site visit
- Parent survey results

Summary of Results

Participation

- Of the 193 K8 schools in Detroit or that enrollment is 75% or more Detroit-based, ESD reviewed data for 161, or 83%. 145 school will receive a full letter grade, and an additional 14 new and turnaround schools that are being considered for “promising” status. Includes DPS, EAA, charter, and private schools
 - There are 16 alternative/specialty schools that our methodology does not apply.
 - There are 18 private schools that did not participate.
- Of the 109 High Schools in Detroit or that enrollment is 75% or more Detroit-based, ESD reviewed data for 66, or 61%. 52 school will receive a full letter grade, and an additional 10 new and turnaround schools that are being considered for “promising” status. Includes DPS, EAA, charter, and private schools
 - There are 49 alternative/specialty schools that our methodology does not apply.
 - There are 3 private schools that did not participate.
- 5E participation was its strongest in four years.
 - 176 schools received reports.
 - Over 45,000 students and 4,000 teachers participated.

K8 Data Summary & Distributions

Metric	State Average	5th & 90th Percentiles Statewide	# of Detroit schools above state average	Citywide Average	Top Performing Detroit Schools
Math Proficiency	61%	35% - 79%	0	16%	Chrysler, Bates
Reading & Writing Proficiency	67%	39% - 83%	3	37%	Chrysler, Bates
Science Proficiency	47%	21% - 61%	1	3%	MLKJr Educational Center
Social Studies Proficiency	49%	19% - 70%	2	7%	Burton International, Ross-Hill
Math Growth	47.1	32 - 60	25	42.2	Detroit Innovation, Maybury
Reading Growth	45.2	34 - 53	20	40.9	Davison, Hamtramck Academy

HS Data Summary & Distributions #1

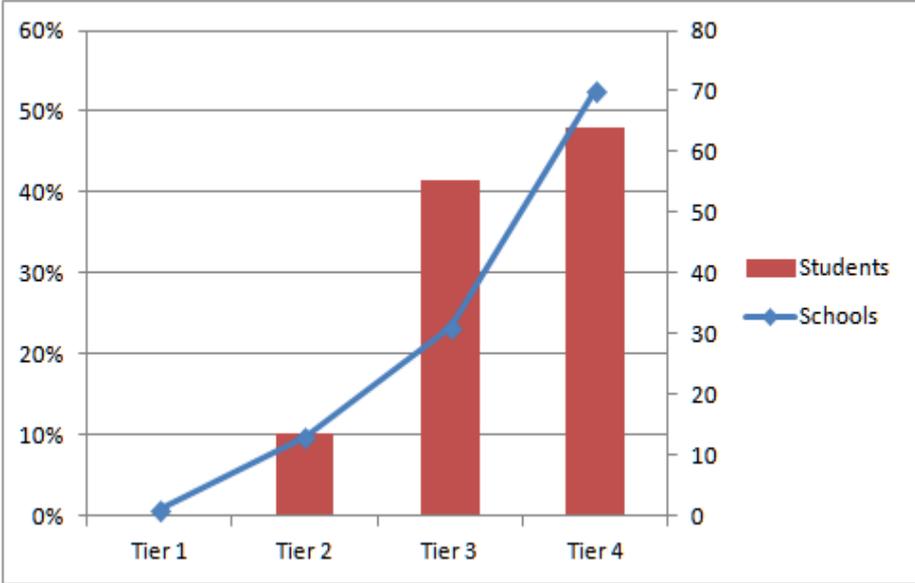
Metric (NOTE: CR=College Readiness)	State Average	5th & 90th Percentiles Statewide	# of Det schools above state avg?	Citywide Average	Top Performing Detroit Schools
CR Math	34%	2% - 56%	1	7%	Renaissance
CR Reading	36%	7% - 53%	1	10%	Renaissance
CR Science	32%	3% - 51%	0	6%	Renaissance, Cass Technical
CR English	58%	21% - 78%	1	27%	Renaissance, Cass Technical
Growth Math	-0.05	-1.29 - 0.95	5	-0.98	Cesar Chavez, Detroit Community
Growth Reading	-0.08	-1.45 - 0.92	1	-1.61	Conner Creek,
Growth Science	-0.08	-1.44 - 0.80	1	-1.48	Conner Creek
Growth English	-0.07	-1.82 - 1.14	3	-1.40	Conner Creek, Benjamin Carson

HS Data Summary & Distributions #2

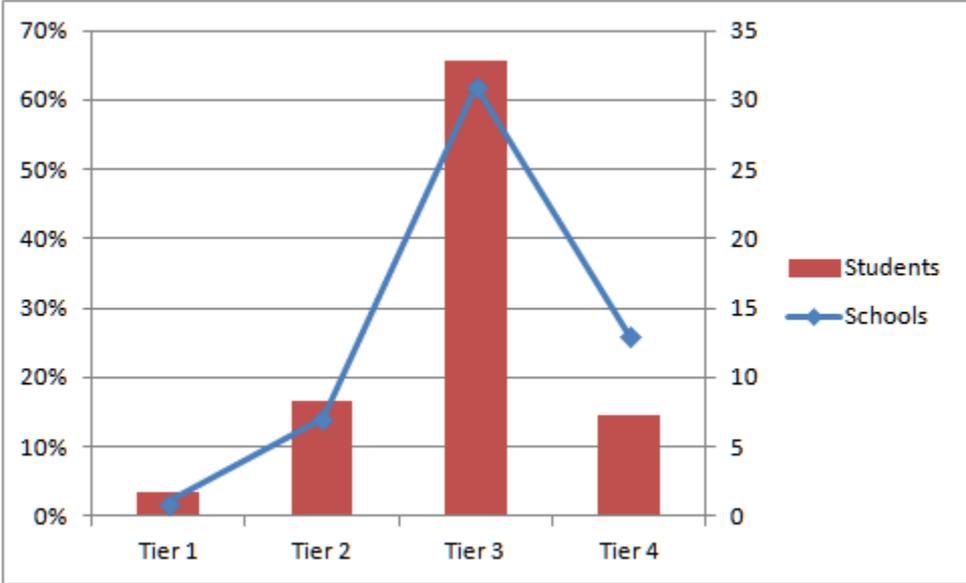
Metric	State Average	5th & 90th Percentiles	# of Det schools above state avg?	Top Performing Detroit Schools	Citywide Average
4yr Grad Rate	83%	24% - 96%	22	Davis Aerospace, Detroit Edison	80%
5yr Grad Rate	86%	29% - 98%	21	Frontier International, (4 tied)	78%
College Enrollment	66%	23% - 84%	9	Renaissance, University Preparatory	51%
College Persistence	45%	0% - 68%	3	Cass Technical, Renaissance	27%

Distribution of School Grades

K-8 Grade Distribution



High School Grade Distribution



Top K8 Performers (Tier 1 & Tier 2)

School	Governance	City Council District	Total Enroll	ESD Letter Grade	% of ESD Pts	Top to Bottom	% Free / Red. Lunch	Avg Miles Commute	% SPED
Chrysler	DPS	5th	179	B+	81%	87	49%/0%	7.8	2.8%
Bates Academy	DPS	2nd	824	B	74%	86	43%/1%	5.3	7.4%
Davison	DPS	3rd	684	B	74%	8	92%/1%	1.7	11.6%
Burton Int'l	DPS	6th	551	B	71%	18	73%/2%	5.1	10.9%
Hamtramck Academy	Bay Mills CC	N/A	493	B	70%	78	92%/3%		5.7%
Detroit Merit	GVSU	4th	734	B	67%	49	84%/7%	3.9	10.9%
Charles Wright	DPS	1st	475	B	64%	32	89%/1%	2.6	16.6%
MLK Ed Center	DPS Charter	2nd	298	B	61%	52	85%/7%	3.4	5.0%
Great Oaks Academy	Bay Mills CC	N/A	714	B	60%	27	79%/7%		10.6%

Top High School Performers (Tier 1 & Tier 2)

School	Governance	City Council District	Total Enroll	ESD Letter Grade	% of ESD Pts	Top to Bottom	% Free / Red. Lunch	Avg Miles Commute	% SPED
Renaissance HS	DPS	2nd	1,148	B+	77.4%	98	55%/7%	4.9	1%
Cass Tech HS	DPS	6th	2,320	B	65.5%	78	64%/5%	8.7	1%
UPSM	GVSU	5th	509	B	63.6%	69	58%/7%	9.4	7%
University HS	Ferndale PS	N/A	413	B	63.1%	23	64%/9%		
Henry Ford	Wayne RESA	N/A	507	C+	55.6%	21	47%/12		
Comm & Media	DPS	1st	612	C+	53.9%	76	73%/6%	3.6	4%
Chandler Park	GVSU	N/A	710	C+	51.7%	69	83%/3%		3%
Connor Creek	Ferris State	N/A	436	C+	50.8%	43	78%/5%		

Bottom K8 Performers (Overall F Grade)

School	Governance	City Council District	Total Enroll	ESD Letter Grade	% of ESD Pts	Top to Bottom	% Free / Red. Lunch	Avg Miles Commute	% SPED
Detroit Community	Bay Mills CC	1st	385	F	0%	6	73%/0%	2.7	5.7%
Hamilton Academy	DPS Charter	4th	273	F	0%	4	81%/0%	1.1	7.3%
Douglass Academy	DPS	6th	214	F	3%	0	83%/1%	6.5	38.3%
Allen Academy	Ferris State	5th	1,011	F	5%	13	100%/0	2.7	9.0%
Phoenix	EAA	6th	264	F	5%	0	64%/0%	1.5	8.3%
Academy of Bus & Tech	EMU	N/A	327	F	6%	32	86%/6%		11.9%
Academy of Warren	Bay Mills CC	N/A	615	F	6%	9	97%/0%		5.4%
Law	EAA	3rd	633	F	7%	1	75%/0%	1.6	11.5%
Marquette	DPS	4th	662	F	7%	2	84%/0%	1.8	17.4%

Bottom High School Performers (Overall F Grade)

School	Governance	City Council District	Total Enroll	ESD Letter Grade	% of ESD Pts	Top to Bottom	% Free / Red. Lunch	Avg Miles Commute	% SPED
SEMI Cyber	Redford Union	N/A	301	F	0.5		68%/0%		
Diploma Success	Harper Woods	N/A	292	F	3.8		67%/0%		
Digital Learning Center	Ferndale PS	N/A	343	F	7.5		63%/0%		
Vista Meadows	Bay Mills CC	N/A	100	D	13.0		86%/1%		
Central Collegiate	EAA	5th	525	D	13.5	6	70%/0%	2.8	20%
Ford HS	EAA	1st	512	D	14.0	0	73%/0%	3.5	21%
W-A-Y Vernor	LSSU	6th	283	D	17.9		94%/1%	3.8	13%
Med & Comm Health	DPS	7th	443	D	18.0	6	90%/0%	3.6	26%
Denby HS	EAA	4th	713	D	18.5	3	72%/0%	1.8	21%

**With Appreciation to
Our Partners**

This is the fourth iteration of the Detroit School Scorecard. It will never be perfect, but each year it gets better. Thank you to the following organizations:

The Education Policy Initiative at the University of Michigan, for constructing and calculating school performance on individual measures.

The Michigan Department of Education (MDE) and Center for Performance and Information (CEPI), for sharing data and informing the development.

The University of Chicago's Urban Education Institute, for administering and calculating scores for the Detroit 5Essentials Student and Teacher Survey.

Basis Policy Research, Institute for Innovation and Reform in Education, and Data Driven Detroit, who all provided guidance, feedback and analytical support over the past 2 years.

To our community partners Detroit Parent Network, Black Family Development, and 482Forward, for offering critical feedback along the way, and ensuring a prominent role for parent and community voice.

DPS, EAA, Authorizer Council, MAPSA and charter schools, who are always willing to give constructive feedback and willingly participate.

This work has been made possible by investments of money, time and knowledge from:

- W.K. Kellogg Foundation
- The Skillman Foundation
- Walton Family Foundation
- United Way for Southeastern Michigan
- Kresge Foundation
- McGregor Fund