# Illinois report cards <br> Steering Committee meeting - APPENDIX 

May 2, 2011

## The Boston Consulting Group

## Appendix

- "Ideal" report cards for Junior High, Middle and Elementary Schools
- Report card metrics timing and availability
- Other metrics considered
- Calculation rubrics (by school level)
- State/ city benchmarking of metrics in report card v0.1
- Meeting cadence for Advisory and Steering Committees


## Ideal junior high school report card (v0.1)

In current IL card?

| シE0000 | Promotion | \% of students being promoted from junior high on time ${ }^{1}$ (adjusted for mobility) |  |
| :---: | :---: | :---: | :---: |
|  | Readiness | \% of 8th graders passing Algebra I |  |
|  | Success | \% of most recent alumni meeting/ exceeding state standards in next grade ${ }^{1,2}$ (meet + exceed, exceed) |  |
| $\begin{aligned} & \text { y } \\ & 0 \mathbf{0} \\ & \text { O} \\ & \text { 응 } \end{aligned}$ | On track | \% of students in school's lowest grade on track |  |
|  | Performance | \% of students meeting/ exceeding state standards ${ }^{2}$ (meet + exceed, exceed) | $\checkmark$ |
|  |  | \% of students passing at least 1 pre-AP course |  |
|  | Gains | \% of students achieving gains ${ }^{3}$ |  |
|  | Academic environment \& engagement | Perceptions regarding academic environment and engagement: |  |
|  |  | - Student survey question response rate - highlight 1-2 questions ${ }^{4}$ |  |
|  |  | - Parent survey question response rate - highlight 1-2 questions | $\checkmark$ |
|  |  | - Teacher survey question response rate - highlight 1-2 questions ${ }^{4}$ |  |
|  | Safety | Value-added safety score ${ }^{6}$ |  |
|  | Student | \% of students with fewer than 10 absences (min threshold TBD) | 7 |
|  | Teacher | \% of teachers returning from last school year (3 yr average) | $\checkmark 8$ |
|  |  | \% of teachers in each evaluation bucket (excellent, proficient, needs improvement, unsatisfactory) |  |
|  | Administration | \# of different principals at school in past 3 yrs (years TBD) |  |

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## Ideal middle school report card (v0.1)

In current IL card?


## Ideal elementary school report card (v0.1)

In current IL card?


## Report card will evolve once new data available

Some metrics will be 'under construction' while others will be substituted when new data available

## In the proposed v0.1 of the report card, majority of metrics measurable immediately or within 1-2 years

- Measurable immediately: 7-8 of 15 metrics on high school and junior high report cards, and 7-8 of 13 metrics on middle school and elementary. Among these, outcomes and context characteristics are most thoroughly complete in the near term
- Measurable in 1-2 years: 6-7 of 15 metrics on high school and junior high report cards, 4 of 13 on middle school and elementary. All climate related metrics are in this category, so a risk of entire section being "under construction" at launch given highly dependent upon timely launch of statewide climate survey
- Measurable 3-5 years or beyond: Gains metric expected to be 'under construction' across all school levels as well as kindergarten readiness at elementary level. In other cases where longer term work being done, interim metrics are proposed for the short to medium term (e.g. students meeting/exceeding state targets moves to PARCC when implemented; teacher national board certification could move to new teacher evaluation)


## Back-up: Report card will evolve once new data available (I)



## Back-up: Report card will evolve once new data available (II)

## Metrics in high school report card not repeated in display


 applicable schools)

## Other metrics considered (I)

May be substituted for current metric if proposed metric found unsuitable or included in detailed report

Current metric
 post-secondary institution within 1 semester of graduation standards at next grade level ${ }^{2}$ (middle school and elementary report cards)

Other metrics considered

- \% of students scoring above [20 or 21] on ACT composite
- \% of students taking ACT
- Mean ACT score
- \% of 8th graders meeting/ exceeding state standards
- \% of 8th graders enrolled in Algebra I
- \% of 3rd graders meeting/ exceeding state standards
- Post-secondary acceptance rate
- Post-secondary remediation rate
- \% of most recent alumni - \% of alumni promoted at next meeting/ exceeding state (immediate) grade level


## Current metric rationale

- Need to research ACT composite threshold further
- Mean ACT score does not provide sufficient context for college \& career readiness
- Research shows that students passing Algebra I by grade 8 have much better chance of success in HS and beyond
- Research shows that students who are reading at grade level by grade 3 have much better chance of success in middle school
- Believe enrollment rate provides most comprehensive view of path to college
- Can leverage ISAT alignment to understand transition success from middle school to elementary school
- Avoids negative incentive of promoting to improve scores


## Other metrics considered (II)

## May be substituted for current metric if proposed metric found unsuitable or included in detailed report

| $\begin{aligned} & \mathscr{0} \\ & \text { © } \\ & \text { O} \\ & \text { oㄴㄴ } \end{aligned}$ | Performance | - \% of students meeting/ exceeding state standards ${ }^{1}$ | - State test average scores <br> - NAEP performance <br> - Performance against normalized distribution of state test scores | - Reporting of \% meeting/exceeding and \% exceeding may provide better context than average scores <br> - NAEP tests only a sample of students <br> - Still investigating normalized distribution |
| :---: | :---: | :---: | :---: | :---: |
|  |  | - \% of students scoring >=3 on at least 1 AP, IB, or dual credit/ enrollment test | - \% of students taking at least 1 AP, IB, or dual credit/ enrollment test <br> - \% of test-takers scoring >=3 on at least 1 AP, IB, or dual credit/ enrollment test <br> - Number of AP, IB, or dual credit/ enrollment courses offered <br> - \% of district's (or state's) advanced curriculum offered | - Would like to include all 'other metrics' to provide comprehensive picture, but believe current metric communicates advanced performance in most efficient way <br> - Those interested in 'other metrics' can consult detailed report |
|  | Safety | Student/ parent survey response rate: safety question(s) | - \# of detentions/ suspensions/ offenses | - Perceptions of safety avoid biases introduced in misconduct count due to varying resources/ approaches to discipline across schools |
|  | Teachers | - \% of teachers nationally board certified | - \% of teachers by degree type <br> - \% of teachers by evaluation measure (current system) <br> - Avg. teaching experience <br> - \% of teachers by certificate type | - Advanced degrees not necessarily related to subject teaching <br> - Current teacher evaluations do not adequately differentiate teacher quality <br> - Teaching experience shown to have limited link to student outcomes <br> - National board certification showcases advanced teaching credential - though, still no significant evidence of high correlation w/ student outcomes |
|  | commended disp | 2 bars (meeting/exceeding and exceeding) | acked bar. <br> he Boston Consulting Group | 9 |

## Metric definitions/ preliminary calculations (I)

## v0.1 of high school report card

## Guiding ?s



## Definitions/ preliminary calculations

\% of students graduating within 4 years (adjusted for mobility)
$\%$ of students meeting 4 subject-specific college \& career readiness thresholds on ACT
\% of HS graduates enrolling in post-secondary institution within 1 semester of graduation
\% of students in school's lowest grade on track
$\%$ of students meeting/ exceeding state standards (meet + exceed, exceed only) ${ }^{1}$
(\# of students that graduated) / (\# of 1st time enrollees at school 4 years ago +/- transfers in and out)
(\# of 11th graders who, on ACT, scored at least 18 on English, 22 on Math, 21 on Reading, and 24 on Science) / (\# of 11th graders with valid ACT scores)
(\# of HS graduates, including summer graduates, who enrolled in a postsecondary institution within 1 semester of HS graduation) / (\# of HS graduates, including summer graduates)
(\# of first-time freshmen ${ }^{2}$ with sufficient course credit for promotion ${ }^{3} \& 1$ or less core course failures in core classes, including English, Math, Science, and Social Science) / (\# of first-time freshmen at school)
(\# of 11th graders ${ }^{4}$ meeting or exceeding state standards on PSAE assessment ${ }^{5}$ composite) / (\# of 11th graders ${ }^{4}$ with valid PSAE scores)
$\%$ of students scoring $>=3$ (or equivalent) on at (\#of 11 th and 12 th graders ${ }^{6}$ scoring a 3 or higher, or equivalent score needed least 1 AP, IB, or dual credit/ enrollment test for college credit, on at least 1 AP, IB, or dual-credit enrollment test) / (\# of 11th and 12th graders ${ }^{6}$ )

TBD per input from Superintendent and Growth Model Advisory Group

1. Draft assumes composite score reported, but may want to report by subject. 2. If high school begins later than Freshman year, must adjust to be first year. 3. Need to determine credit req'ts. 4 . And12th grade for those who have not yet met PSAE Diploma Requirement. 5. Results from both standard April PSAE administration and PSAE May make-up administration included. 7. Need to confirm what grades AP courses available to.

## Metric definitions/ preliminary calculations (II)

## v0.1 of high school report card continued

Guiding ?s


Safety

Student
Metrics

Acad. environment \& engagement perceptions:
-Student survey response rate: 1-2 questions
-Parent survey response rate: 1-2 questions
-Teacher survey response rate: 1-2 questions
Student/parent survey response rate: safety question(s)

| \% of students with fewer than 10 absences $^{1}$ | (\# of students with fewer than 10 absences during school year) / (\# of students <br> enrolled) |
| :--- | :--- |
| \% of teachers returning from last school year <br> (3 yr average) | Average for past 3 years: (\# of teachers from previous year who remain <br> employed at school this year as of first regular day of classes in May ${ }^{3}$ )/ (\# of <br> teachers employed last year) |
| \% of teachers nationally board certified | (\# of teachers who have completed the requirements of the National Board <br> Certification) / (\# of teachers employed at school) |

\# of different principals at school in past 3 yrs $^{1}$ Number of different principals who have held position at school over past 3 years

## Metric definitions/ preliminary calculations (III)

## v0.1 of junior school report card - metrics not included in high school report card

Guiding ?s


Metrics
\% of students promoted from junior high on
time (adjusted for mobility)
\% of 8th graders passing Algebra I
\% of most recent alumni promoted 1 grade at next school on time
(\# of first-time students in lowest grade at school with sufficient course credit for $\%$ of students in school's lowest grade on track promotion ${ }^{2} \& 1$ or less core course failures in core classes, including English,
\% of students meeting/ exceeding state
standards (meet + exceed, exceed only) ${ }^{3}$

Math, Science, and Social Science) / (\# of first-time students in lowest grade at school)
(\# of students meeting or exceeding state standards on ISAT assessment composite) / (\# of students with valid composite ISAT scores)

Definitions/ preliminary calculations
(\# of students that were promoted from junior high on time) / (\# of 1st time enrollees at school $X^{1}$ years ago +/- transfers in and out)
(\# of 8th graders who have passed Algebra I, including those who completed it in earlier grades) / (\# of 8th graders)
(\# of most recent alumni who were promoted one grade at next school level) / (\# of most recent alumni enrolled in next school level)
---------------------------------------------------------------------------
$\%$ of students passing at least 1 pre-AP course (\#of 8 th graders ${ }^{4}$ passing at least 1 pre-AP course)/ (\# of 8th graders ${ }^{4}$ )

## Metric definitions/ preliminary calculations (IV)

## v0.1 of middle school report card - metrics not included in high school or junior high report card

## Guiding ?s



Metrics
\% of students promoted from middle school on time (adjusted for mobility)
\% of students in last grade level at school meeting/ exceeding state standards ${ }^{2,3}$ (meet + exceed, exceed only)
\% of most recent alumni meeting/ exceeding state standards in next grade ${ }^{2,3}$ (meet + exceed, exceed only)
\% of students in school's lowest grade ${ }^{2}$ on track

## Definitions/ preliminary calculations

(\# of students that were promoted from middle school on time) / (\# of 1st time enrollees at school $X^{1}$ years ago +/- transfers in and out)
(\# of students in last grade level at school meeting or exceeding state standards on ISAT assessment composite) / (\# of students in last grade level at school with valid ISAT scores)
(\# of most recent alumni meeting or exceeding state standards on ISAT assessment composite) / (\# of most recent alumni enrolled in next school level with valid ISAT composite scores)

On track
(\# of first-time students in lowest grade at school with sufficient course credit for promotion ${ }^{4}$ \& or less core course failures in core classes, including English, Math, Science, and Social Science) / (\# of first-time students in lowest grade at school)

## Metric definitions/ preliminary calculations (V)

## v0.1 of elementary school report card - metrics not included in high school or junior high report card

## Guiding ?s



Metrics
\% of students promoted from elementary on time (adjusted for mobility)
\% of 3rd graders meeting/ exceeding state standards in ELA (meet + exceed, exceed only)
\% of most recent alumni meeting/ exceeding state standards in next grade ${ }^{2,3}$ (meet + exceed, exceed only)
\% of kindergarteners 'ready'

## Definitions/ preliminary calculations

(\# of students that were promoted from elementary school on time) / (\# of 1st time enrollees at school $\mathrm{X}^{1}$ years ago +/- transfers in and out)
(\# of 3rd graders meeting or exceeding state standards on ELA ISAT assessment) / (\# of 3rd graders with valid ISAT ELA scores)
(\# of most recent alumni meeting or exceeding state standards on ISAT assessment composite) / (\# of most recent alumni enrolled in next school level with valid ISAT composite scores)

## Report card v0.1 benchmarking

High school report card as compared to other state/ city report cards


## Report card v0.1 benchmarking

Junior high, middle school, and elementary school (metrics not included on high school report card)


## Cadence of governance committee meetings is on calendar

| Date | Meeting | High level objectives |
| :---: | :---: | :---: |
| May 2 | Steering Committee | - Discuss v0.1 of report card <br> - Preliminary focus group research strategy |
| May 13 | Advisory Committee | - Discuss v0.2 of report card <br> - Share refined focus group research strategy |
| June 1 | Steering Committee | - Share district report cards and v0.3 of school <br> - Review focus group outreach materials |
| June 17 | Steering Committee | - Discuss focus group materials and final plans <br> - Refine report cards, deep dive into calcln rubrics |
| July 11 | Advisory Committee | - Discuss P-20 version of report card (v1) <br> - Discussion on education strategy implications |
| July 20 | P-20 Council | - Share v1 of report card <br> - Align on focus group strategy |
| August 17 | Advisory Committee | - Discuss focus group feedback <br> - Refined report cards and calculation rubrics |
| August 30 | Steering Committee | - Finalize report cards and full output of the project (report card strategy, links to education strategy) |


[^0]:    1. Based on number of grade levels at junior high. 2. Draft assumes composite score reported, but may want to report by subject. 3. Language may change based on growth model selected. 4. impacted by SB7 outcome. 5. Parental contact. 6. Subtracts school's Absolute Safety Score (calculation using 3 inputs: safety/ climate survey, severe misconduct rate, shooting victim rate) from school's Expected Safety Score (based on environmental factors outside a school's control). 7. Attendance and chronic truancy rate. 8. Avg. teaching experience.
