

Report on Student, Teacher, & School Performance

February 1, 2013

**State Board of Education
710 James Robertson Parkway
9th Floor – Andrew Johnson Tower
Nashville, TN 37243-1050
615-741-2966
www.tn.gov/sbe**

Setting Targets for Tennessee’s Goals for Student Performance

I. INTRODUCTION

This document contains the 15 student performance indicators that the State Board of Education uses to track Tennessee’s progress toward meeting its educational aspirations for its students, along with ambitious targets for the level of student performance the state aims to attain by 2014-15 and 2019-20.

The primary targets are set for the academic year 2019-20 and reflect the state’s highest aspirations. Should Tennessee meet these targets, for example, it will move from the bottom 10 of states in 8th grade math on the National Assessment of Educational Progress (NAEP) to a level of performance that exceeds the current performance of the nation’s highest-performing state, Massachusetts. On the ACT assessment, using the baseline data as the starting point, these targets reflect a level of performance that far exceeds the current national performance of students who meet career-and college-ready benchmarks – by 14 percentage points in English, 37 percentage points in math, 28 percentage points in reading, and 51 percentage points in science.

In addition, interim targets are set for the academic year 2014-15 and will be used for planning and performance monitoring for Tennessee’s First to the Top (FTTT) reforms. These targets are set to be very ambitious but also achievable and realistic, according to the business literature’s “SMART” criteria (specific, measurable, achievable, realistic, and time-bound). When Tennessee meets these interim FTTT targets in 2014-15, it will have made unprecedented progress. Performance on the NAEP assessment in all grades and subjects will far exceed the current national averages, and the percent of students who meet college- and career-ready benchmarks will also exceed current national averages. Finally, all student subgroups will have the same 2014-15 target – calling on much faster progress for students furthest from meeting college- and career-ready standards.

II. INDICATORS and TARGETS

School Readiness

- 1. The percentage of 3rd grade students (spring) who score at or above proficient on the TCAP¹ reading/language arts assessment; and the percentage of 4th grade students (fall) who score at or above proficient on the NAEP² reading assessment.

¹ The source for all TCAP data is the Tennessee Department of Education’s “Report Card on Tennessee Schools.”

² NAEP assessments are given every two years. All NAEP data are reported from the most recent administration of the exam in 2011.

| Indicator | Baseline 2009-2010 | Results 2011-2012 | Interim Target 2014-15 | Target 2019-20 |
|-------------------------------|-----------------------|----------------------|------------------------------|-------------------|
| 3 rd grade TCAP | 42% | 46% | 66% | 73% |
| 4 th grade NAEP | 28% | 26% | 39% | 56% |

- 2. The percentage of 3rd grade students (spring) who score at or above proficient on the TCAP mathematics assessment; and the percentage of 4th grade students (fall) who score at or above proficient on the NAEP mathematics assessment.

| Indicator | Baseline 2009-2010 | Results 2011-2012 | Interim Target 2014- 15 | Target 2019-20 |
|-------------------------------|-----------------------|----------------------|-------------------------------|-------------------|
| 3 rd grade TCAP | 48% | 55% | 64% | 77% |
| 4 th grade NAEP | 29% | 30% | 42% | 60% |

College and Career Readiness

- 3. The percentage of 7th grade students (spring) who score at or above proficient on the TCAP reading/language arts assessment; and the percentage of 8th grade students (fall) who score at or above proficient on the NAEP reading assessment.

| Indicator | Baseline 2009-2010 | Results 2011-2012 | Interim Target 2014-15 | Target 2019-20 |
|-------------------------------|-----------------------|----------------------|------------------------------|-------------------|
| 7 th grade TCAP | 43% | 46% | 56% | 64% |
| 8 th grade NAEP | 28% | 27% | 38% | 55% |

- 4. The percentage of 7th grade students (spring) who score at or above proficient on the TCAP mathematics assessment; and the percentage of 8th grade students (fall) who score at or above proficient on the NAEP mathematics assessment.

| Indicator | Baseline 2009-2010 | Results 2011-2012 | Interim Target 2014-15 | Target 2019-20 |
|-------------------------------|-----------------------|----------------------|------------------------------|-------------------|
| 7 th grade TCAP | 29% | 45% | 55% | 76% |
| 8 th grade NAEP | 25% | 24% | 39% | 58% |

- 5. The percentage of 8th grade students (fall) who meet college-readiness benchmarks of the ACT EXPLORE assessment in English, reading, mathematics, and science. ³

| Indicator | Baseline 2009-2010 ⁴ | Results 2011-2012 ⁵ | Interim Target 2014- 15 | Target 2019-20 |
|--------------------|------------------------------------|-----------------------------------|-------------------------------|-------------------|
| EXPLORE English | 65% | 68% | 71% | 75% |
| EXPLORE Reading | 45% | 43% | 61% | 75% |
| EXPLORE Math | 37% | 29% | 57% | 75% |
| EXPLORE Science | 15% | 16% | 46% | 75% |

- 6. The percentage of 10th grade students (spring) who meet college-readiness benchmarks of the ACT PLAN assessment in English, reading, mathematics, and science. ⁶

| Indicator | Baseline 2009- 2010 ⁷ | Results 2011-2012 ⁸ | Interim Target 2014- 15 | Target 2019-20 |
|-----------------|--|-----------------------------------|-------------------------------|-------------------|
| PLAN English | 67% | 66% | 74% | 80% |
| PLAN Reading | 41% | 43% | 61% | 80% |
| PLAN Math | 26% | 26% | 64% | 80% |
| PLAN Science | 16% | 21% | 49% | 80% |

³ Future reports will include district-level results from the ReadStep exam.

⁴ Baseline data includes both public and private school test takers

⁵ Includes only Tennessee public schools

⁶ Future reports will include district-level results from the PSAT.

⁷ Baseline data includes both public and private school test takers

⁸ Includes only Tennessee public schools

- 7. The percentage of students who score at or above proficient on the TCAP end of course assessment in English III.

| Indicator | Baseline 2011-2012 | Results 2011-2012 | Interim Target 2014-2015 | Target 2019- 2020 |
|-------------|-----------------------|----------------------|--------------------------------|----------------------|
| English III | 38% | See baseline | 49% | 69% |

- 8. The percentage of students who score at or above proficient on the TCAP end of course assessment in Algebra II.

| Indicator | Baseline 2010-2011 | Results 2011-2012 | Interim Target 2014-2015 | Target 2019- 2020 |
|------------|-----------------------|----------------------|--------------------------------|----------------------|
| Algebra II | 31% | 33% | 45% | 67% |

- 9. The percentage of high school graduates who meet ACT college-readiness benchmarks in English, reading, mathematics, and science. ⁹

| Indicator | Baseline 2009-10 ¹⁰ | Results 2011- 2012 ¹¹ | Interim Target 2014-15 | Target 2019-20 |
|-------------------|-----------------------------------|--|------------------------------|-------------------|
| ACT English | 55% | 56% | 68% | 80% |
| ACT Reading | 40% | 39% | 60% | 80% |
| ACT Math | 24% | 26% | 52% | 80% |
| ACT Science | 18% | 18% | 49% | 80% |
| All Benchmarks | 16% | 14% | 25% | 50% |

⁹ Future will include district-level results from the SAT.

¹⁰ Baseline data includes both public and private school test takers

¹¹ Includes only Tennessee public schools

- 10. The percentage of first-time 9th grade students who graduate on-time with a regular diploma (longitudinal cohort method)

| Indicator | Baseline 2009-10 ¹² | Results 2011- 2012 | Interim Target 2014- 15 | Target 2019-20 |
|-------------------------------------|-----------------------------------|--------------------------|-------------------------------|-------------------|
| Longitudinal cohort graduation rate | 86.1% | 87.2% | 90% | 92% |

- 11. The percentage of first-time college and university freshmen enrolled in only credit-bearing courses (no remedial or developmental courses). ¹³

| Indicator | Baseline Fall 2009 | Results Fall 2011 | Interim Target Fall 2015 | Target Fall 2020 |
|-------------------------------------|-----------------------|----------------------|--------------------------------|---------------------|
| Prior yr public HS grads | 60,494 | 62,125 | | |
| PUBLIC UNIVERSITIES | | | | |
| First-time freshman recent HS grads | 13,281 | 13,737 | | |
| no remedial-developmental | 10,817 (81.5%) | 12,280 (89.4%) | 90% | 95% |
| COMMUNITY COLLEGES | | | | |
| First-time freshman recent HS grads | 9,704 | 9,820 | | |
| no remedial-developmental | 3,243 (33.4%) | 3,565 (36.3%) | 40% | 45% |
| TOTAL | | | | |
| First-time freshman recent HS grads | 22,985 | 23,557 | | |
| no remedial-developmental | 14,060 (61.2%) | 15,845 (67.3%) | 70% | 80% |

¹² This number has been revised from the previously reported estimate of 82%.

¹³ Table reflects TN public high school graduates who enrolled as first-time freshmen in college immediately after HS graduation (subsequent fall term or summer continuing into the fall) and enrolled only in credit-bearing courses (no remedial or developmental).

Postsecondary Access and Success

- 12. The percentage of high school graduates¹⁴ who have attained or are eligible for postsecondary credit through dual enrollment, dual credit, Advanced Placement exams and International Baccalaureate exams, or have attained industry certification.¹⁵

| Indicator | Baseline 2009-10 | Results 2010- 2011 ¹⁶ | Interim Target 2014- 15 | Target 2019-20 |
|------------------------------------|---------------------|--|-------------------------------|-------------------|
| 2009-10 public HS grads | 61,147 | 62,127 | TBD | TBD |
| AP subj exam score >3 | 3,473 (5.7%) | 5,239 (8.4%) | TBD | TBD |
| Any Dual Enrollment | 8,728 (14.3%) | 9,293 (15.0%) | TBD | TBD |
| Both AP and Dual Enrollment | 1,215 (2.0%) | 1,450 (2.3%) | 5% | 10% |
| Either AP or Dual Enrollment | 9,771 (16.0%) | 11,632 (18.7%) | 20% | 25% |

¹⁴ Information is limited to graduates of Tennessee public high schools

¹⁵ Students graduating with dual credit, IB, or industry certifications are excluded because THEC does not routinely receive information on these forms of acceleration credit. Graduates that attempted any dual enrollment in HS, and graduates that scored a 3 or better on AP subject area exam are included.

¹⁶ Reflects most recently available data

- 13. The percentage of recent public high school graduates enrolled in postsecondary education. ^{17, 18}

| Indicator ¹⁹ | Baseline 2009-10 | Results 2011-12 ²⁰ | Interim Target 2014-15 | Target 2019-20 |
|----------------------------|---------------------|----------------------------------|------------------------------|-------------------|
| TN public HS grads | 62,413 | 62,125 | TBD | TBD |
| Enrolling in Postsecondary | 35,523 (56.9%) | TBD | 60% | 65% |

- 14. The percentage of recent public high school graduates who successfully complete one year of postsecondary education, including industry certification.²¹

| Indicator ²² | Baseline 2008-09 | Results 2010-11 | Interim Target 2014- 15 | Target 2019- 20 |
|-------------------------|---------------------|--------------------|-------------------------------|-----------------------|
| TN public HS grads | 50,396 | 57,387 | | |
| TN Community Colleges | 6,031 (12.0%) | 9,091 (15.8%) | 20% | 25% |
| TN Public Universities | 13,176 (26.1%) | 14,111 (24.6%) | 30% | 35% |
| Total | 19,207 (38.1%) | 23,202 (40.4%) | 40% | 45% |

¹⁷ Indicates enrollment in the semester immediately following high school graduation

¹⁸ The college-going rate for Tennessee public high school grads is searchable by postsecondary sector by visiting <http://thec.ppr.tn.gov/THECSIS/GIS/GIS.aspx>.

¹⁹The baseline year of 2009-10 refers to the HS graduation year of the cohort of TN public HS graduates followed. Utilizing the THEC Student Information System and the National Student Clearinghouse, these graduates were tracked for immediate subsequent enrollment (in Fall 2010) in public and private postsecondary institutions statewide and nationwide. An effort was made, utilizing Free Application for Federal Student Aid (FAFSA) data, to include graduates from Williamson County, which does not provide students' social security numbers.

²⁰ Indicates enrollment in the Fall of 2011-2012 academic year

²¹ Interpretation of this measure is consistent with a similar measure used in Race to the Top reporting. The cohort for the 2008-09 baseline above graduated from HS in 2005-06 and was given 16 months from May 2006 (i.e., December 2007) to enroll in TN postsecondary. Then, the cohort was given two years from Spring 2008 (i.e., December 2009) to accumulate at least 24 postsecondary credits. The same method was used for the 2009-10 cohort, whose postsecondary activity was tracked through December 2010.

²² Indicates the number and percentage enrolling in postsecondary w/in 16 months of HS graduation and completing 24 credits w/in 2 years of matriculation.

- 15. The percentage of first time postsecondary students completing degrees within 150% of normal degree program time (e.g., three years for associates degree and six years for bachelor’s degree) ²³

| Indicator | Baseline 2009-10 | Results 2010-11 | Interim Target 2014- 15 | Target 2019-20 |
|-------------------------------------|-----------------------------|----------------------------|--|---------------------------|
| CC FTFT freshmen ²⁴ | 11,559 | 11,507 | | |
| CC 6-yr grads (& rate) | 3,490 (30.2%) | 3,607 (31.3%) | | |
| TBR 6-yr grads (& rate) | 4,752 (46.3%) | 4,903 (47.3%) | | |
| UT FTFT freshmen | 7,067 | 6,914 | | |
| UT 6-yr grads (& rate) | 4,314 (61.0%) | 4,424 (64.0%) | | |
| TN PUBLIC FTFT freshmen | 28,897 | 28,786 | | |
| TN PUBLIC 6-yr grads (& rate) | 12,556 (43.5%) | 12,934 (44.9%) | | |

To be set by governing boards

²³ A cohort of first-time full-time freshmen beginning in the fall semester (or enrolling in summer and continuing full-time in the fall) is tracked for any degree completion within a six year period. For instance, the Fall 2004 FTFT cohort was tracked through academic year 209-10, and appears above in the Baseline 2009-10 column. Graduates are credited to the admitting institution even if they graduated elsewhere. There is no “degree intent” flag in the TBR, UT, or THEC databases, therefore it is impossible to derive an associate’s degree completion rate within 150% of normal time. In fact, many students who begin at a community college transfer and finish a bachelor’s degree within the tracking period. Although successful by any measure, these students would appear as non-successes in such an associate’s degree graduation rate. Graduation rates are reported for each sector; goal-setting for each sector is within the scope of the appropriate governing board.

²⁴ FTFT Freshmen means “first time, full-time freshmen”