



EDUCATION COMMISSION  
OF THE STATES  
Your education policy team.

# MEASURES OF COLLEGE READINESS

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9/27/2016 North Carolina Select Committee on  
Education Strategy and Practices



# Who we are

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The **essential, indispensable** member of any team addressing education policy.



# What we do

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We believe in the power of **learning from experience** and we know informed policymakers create **better education policy.**



# How we do it

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# “College readiness” in this presentation

**Defined as measures students meet  
to place directly into credit-bearing  
coursework upon college entry.**



# Colorado CR Assessment Cut Scores

- Based on CO data and best practices
- Six assessments
  - ◆ Institutions must use ACT and SAT
  - ◆ Institution choice to use other assessments
- Cut scores evaluated every 3 years against CO data, adjusted as needed

# Colorado CR Assessment Cut Scores

**Table 1 – College-Ready Assessment Cut Scores**

Assessment Test	English Subscore	Math Subscore
ACT	18	19
SAT	430	460
ACT Writing Subscore* / **	TBD	---
Accuplacer*	TBD	TBD
Compass	79	63
PARCC***	TBD	TBD
SBAC***	TBD	TBD

\* = Subscores being researched by CHDE and will be added

\*\*\* = Research and validation studies available by 2016-17, when inst. may begin to use CCR scores

*Source: Colorado Commission on Higher Education, Statewide Policies and Procedures, I, E. Statewide Remedial Education Policy, adopted December 2013*

# Colorado Graduation Guidelines

- **Eff. Class of 2021**
- **Menu of options for districts**
  - ◆ Students must demonstrate CCR on  $\geq 1$  ELA and math measure
  - ◆ Districts may offer some or all
  - ◆ Districts may increase a cut score



# Menu of CCR Demonstrations

	English	Math
ACCUPLACER	62 Reading Comprehension	61 Elementary Algebra
ACT	18 English	19 Math
ACT Compass	79	63
ACT WorkKeys	Bronze or higher	Bronze or higher
Advanced Placement	2	2
ASVAB	31	31
Concurrent Enrollment	Passing grade per district and HE policy	Passing grade per district and HE policy
District Capstone	Individualized	Individualized
Industry Certificate	Individualized	Individualized
International Baccalaureate	4	4
SAT	430	460
Collaboratively-developed, standards-based performance assessment	Statewide scoring criteria	Statewide scoring criteria



# CO Process for Graduation Guidelines

- Legislation passed in 2008
- First draft to state board 5/13
- Board: Qualified approval (not enough people at table)
- Six workgroups created
- Final draft to state board 2/15
- 7 mos. later: State board approves



- **Use ACT, SAT, Accuplacer**
  - ◆ BOR estimated appropriate ACT placement scores
  - ◆ Commissioned ACT to do validity study
  - ◆ SAT: Similar process
  
- **Currently gathering HS GPA**
  - ◆ HS GPAs better predictor of college success?

## ■ College-readiness standards

- ◆ Developed by vertical teams of HS/PS instructors
- ◆ Integrated into end-of-course assessments in English III, Algebra II
- ◆ Performance may exempt student from Texas Success Initiative (TSI) placement reqt.

## HS students exempt from placement exam:

- Min. score on Algebra II, English III asst.

§ 39.0238, § 51.3062(q-1)

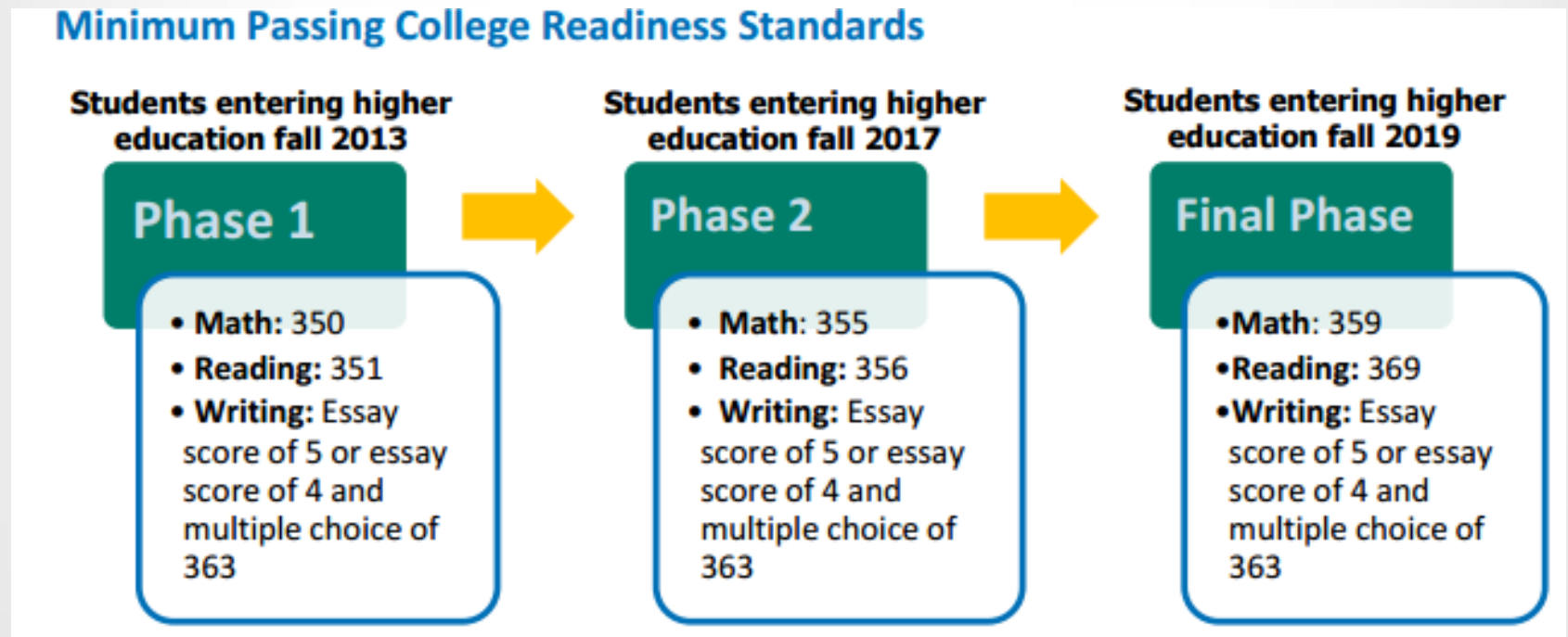
- Student who successfully completes a college preparatory course

§ 51.3062(q-2)

- Minimum ACT or SAT

- ◆ ACT:  $\geq 23$  composite,  $\geq 19$  English, math
- ◆ SAT:  $\geq 1070$  composite,  $\geq 500$  verbal, math

## Rising expectations on new TSI exam



*Source: Texas Higher Education Coordinating Board, Overview: Texas Success Initiative, March 2014*

Developed min. ACT cut scores using state data. Prior to analysis:

- English: Ranged 16-20
- College Algebra: 16/17-24

Goal: Enhance student success,  
minimize student cost

# Kentucky College Readiness Indicators

## Pre-fall 2016:

Readiness Score Area	ACT Score	SAT Score	COMPASS	KYOTE
<b>English (Writing)</b>	English 18 or higher	Writing 430 or higher	Writing 74 or higher <sup>3,4</sup>	6 or higher <sup>5</sup>
<b>Reading</b>	Reading 20 or higher	Critical Reading 470 or higher	Reading 85 or higher <sup>6</sup>	20 or higher
<b>Mathematics</b> (General Education, Liberal Arts Courses)	Mathematics 19 or higher	Mathematics 460 or higher	Algebra Domain 36 or higher <sup>7</sup>	College Readiness Mathematics 22 or higher
<b>Mathematics</b> (College Algebra)	Mathematics 22 or higher	Mathematics 510 or higher	Algebra Domain 50 or higher <sup>8</sup>	College Algebra 14 or higher <sup>9</sup>
<b>Mathematics</b> (Calculus)	Mathematics 27 or higher	Mathematics 610 or higher	NA <sup>10</sup>	Calculus TBA



# Kentucky College Readiness Indicators

## Effective fall 2016:

Readiness Score Area	ACT Score	SAT Score <sup>2</sup>	KYOTE <sup>3</sup>	GED College Readiness	PARCC	Smarter Balanced	COMPASS <sup>4</sup>
<b>English</b> (Writing)	English 18 or higher	Evidence-Based Reading and Writing 430 or higher	Writing 6 or higher <sup>5</sup>	Reasoning through the Language Arts 165 or higher	English Language Arts/Literacy 4 or higher	English/ Language Arts Level 4	Writing 74 or higher <sup>6,7</sup>
<b>Reading</b>	Reading 20 or higher	Evidence-Based Reading and Writing 470 or higher	Reading 20 or higher	Reasoning through the Language Arts 165 or higher	English Language Arts/Literacy 4 or higher	English/ Language Arts Level 4	Reading 85 or higher <sup>8</sup>
<b>Mathematics</b> (Quantitative Reasoning)	Mathematics 19 or higher	Mathematics 460 or higher	College Readiness Mathematics 22 or higher	Mathematical Reasoning 165 or higher	Mathematics 4 or higher	Mathematics Level 4	Algebra Domain 36 or higher <sup>9</sup>
<b>Mathematics</b> (College Algebra)	Mathematics 22 or higher	Mathematics 510 or higher	College Algebra 14 or higher	NA	NA	NA	Algebra Domain 50 or higher <sup>10</sup>
<b>Mathematics</b> (Calculus)	Mathematics 27 or higher	Mathematics 610 or higher	Calculus 15 or higher	NA	NA	NA	NA

# End of presentation

*Questions?*

# End of presentation

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