

# South Dakota's Public School Accountability System



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# Accountability

- Accountability based on the School Performance Index
- Flexibility waiver granted by the U.S. Department of Education, as amended in July
- **Fall 2012:** Began collecting feedback
- **October 2012, August 2013:** US ED monitoring
- **Fall 2013:** Presented proposed changes to:
  - Board of Education
  - Secretary's Advisory Council
  - Accountability Work Group
  - Committee of Practitioners
- **February and March 2014:** US ED gave feedback
- **May 2014:** Solicited public comment
- **May 2014:** Submitted waiver amendment request to US ED
- **July 2014:** Approved for the 2014-15 academic year
- Writing waiver request that would extend through 2018-19

# Accountability

## Components

### High School

- Achievement
- High School Completion
- College and Career Ready

### Elementary and Middle School

- Achievement
- Attendance
- Student Growth



# Accountability: High School

**Achievement**

**High School Completion**

**College and Career Ready**

## **Before (2013-14 and prior):**

- Percent of students scoring proficient or higher on state assessment in math and ELA
- Weighted gap and non-gap

## **After (2014-15 and beyond):**

- Same calculations
- Smarter Balanced assessment
- Build to three years of data



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# Accountability: High School

Achievement

High School Completion

College and Career Ready

## **Before (2013-14 and prior):**

- Four-year cohort graduation rate
- Percent of students in most recently completed school year who attained a diploma or GED

## **After (2014-15 and beyond):**

- No change in calculations

# Accountability: High School

Achievement

High School Completion

College and Career Ready

## Before: 2013-14 and prior:

- No Career Ready measure.
- College Ready measure: percent of ACT-test takers meeting Board of Regents cut scores:
  - English: 18
  - Math: 20



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# Accountability: High School

**Achievement**

**High School Completion**

**College and Career Ready**

**After:**

**2014-15**

2015-16

2016-17

- No change to SPI
- No Career Ready measure
- College Ready measure: percent of ACT-test takers meeting Board of Regents cut scores:
  - English: 18
  - Math: 20



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# Accountability: High School

**Achievement**

**High School Completion**

**College and Career Ready**

**After:**

**2014-15**

2015-16

2016-17

- Building blocks for future changes:
  - Juniors (2015-2016 graduates):
    - Take Smarter Balanced
    - Take ACT
    - Option to take the NCRC = Career Ready measure
  - Seniors (2014-15 graduates):
    - Take ACT
    - Option to take the Accuplacer
    - Option to take the NCRC = Career Ready measure



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# Accountability: High School

Achievement

High School Completion

College and Career Ready

After:

2014-15

**2015-16**

2016-17

- SPI:

- Calculated from 2014-15 graduates' results
- College Ready points: ACT, Accuplacer
  - Meet or exceed BOR cut scores = College Ready
- Career Ready points: NCRC
  - Attain a certificate (Bronze level or above) = Career Ready
- Point structure changes



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# Accountability: High School

Achievement

High School Completion

College and Career Ready

After:

2014-15

**2015-16**

2016-17

- Back to those building blocks:
  - Seniors (2015-2016 graduates):
    - Option to take Accuplacer
    - Option to take the NCRC (if did not as Juniors)
    - *(Took SBAC as juniors)*



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# Accountability: High School

Achievement

High School Completion

College and Career Ready

After:

2014-15

2015-16

**2016-17**

- SPI:
  - Calculated from 2015-16 graduates' results
  - Career Ready points: ACT, Accuplacer, or SBAC
  - College Ready points: NCRC



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# Accountability: High School

Achievement

High School Completion

College and Career Ready

After:

2014-15

2015-16

2016-17

• Met **Smarter Balanced** Cut Score?

Yes → College Ready

No

• Took **ACT** and met Cut Scores?

Yes → College Ready

No

• Took **Accuplacer** and met Cut Scores?

Yes → College Ready

No

↓  
Not College Ready

# Accountability: High School

Achievement

High School Completion

College and Career Ready

After:

2014-15

2015-16

2016-17

**All College Ready Students**

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**All College Ready Students +  
All Not College Ready Students**

**Percentage of  
students**



**College  
Ready**

# Accountability: High School

Achievement

High School Completion

College and Career Ready

**What does it all look like?**

# Accountability: High School

**Achievement**

**High School Completion**

**College and Career Ready**

CCR indicator:	Maximum Points Available:				
	2014-2015:	2015-2016:		2016-2017:	
College Ready: Math and ELA	25 <i>based on previous year's graduating cohort ACT cut scores.</i>	20 <i>If school chooses to use career ready assessment</i>	30 <i>If school chooses *not* to use career ready assessment.</i>	20 <i>If school chooses to use career ready assessment.</i>	30 <i>If school chooses *not* to use career ready assessment.</i>
		<i>Based on previous year's graduating cohort ACT or Accuplacer cut scores.</i>		<i>Based on previous year's graduating cohort ACT or Accuplacer cut scores.</i>	
Career Ready	0	10 <i>based on previous year's graduating cohort NCRC results.</i>	0	10 <i>based on previous year's graduating cohort NCRC results.</i>	0

# Accountability: High School

Indicator	Maximum Points Available			
	2014-15		2015-16	
Student Achievement	Math	25	Math	20
	ELA	25	ELA	20
	<b>Total</b>	<b>50</b>	<b>Total</b>	<b>40</b>
High School Completion	Completion	12.5	Completion	15
	Graduation	12.5	Graduation	15
	<b>Total</b>	<b>25</b>	<b>Total</b>	<b>30</b>
College and Career Ready	College	25	College	20
	Career	N/A	Career	10
	<b>Total</b>	<b>25</b>	<b>Total</b>	<b>30</b>
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

# Accountability: Elem. and Middle School

## Achievement

## Attendance

## Academic Growth

### **Before (2013-14 and prior):**

- Percent of students scoring proficient or higher on state assessment in math and ELA
- Weighted gap and non-gap

### **After (2014-15 and beyond):**

- Same calculations
- Smarter Balanced assessment
- Build to three years of data

# Accountability: Elem. and Middle School

Achievement

Attendance

Academic Growth

## **Before (2013-14 and prior):**

- Average Daily Attendance Rate calculation
  - Did the school/district meet the state's target rate of 94 percent over all students?

## **After: (2014-15 and beyond):**

- Percentage of students meeting the state's target rate of 94 percent attendance.



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# Accountability: Elem. and Middle School

Achievement

Attendance

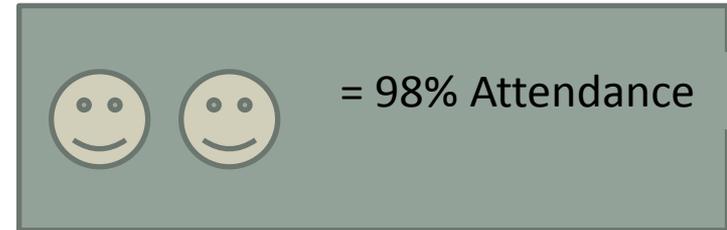
Academic Growth

Imagine we have a school with 10 students:

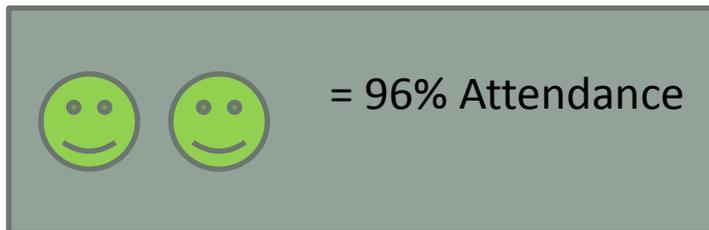
Three have 100% attendance



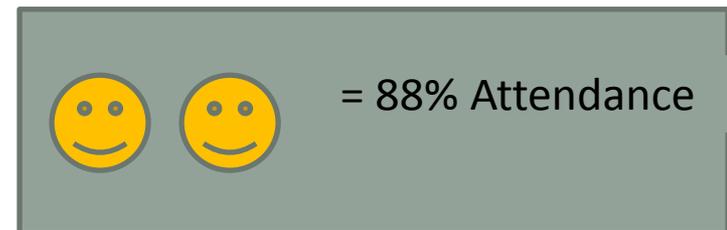
Two have 98% attendance



Two have 96% attendance



Two have 88% attendance



And one has 76% attendance



# Accountability: Elem. and Middle School

Achievement

Attendance

Academic Growth

Seven of our students are in school most of the time and are meeting state attendance goal:



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**GOAL: 94%**

30% have missed out on significant learning time:



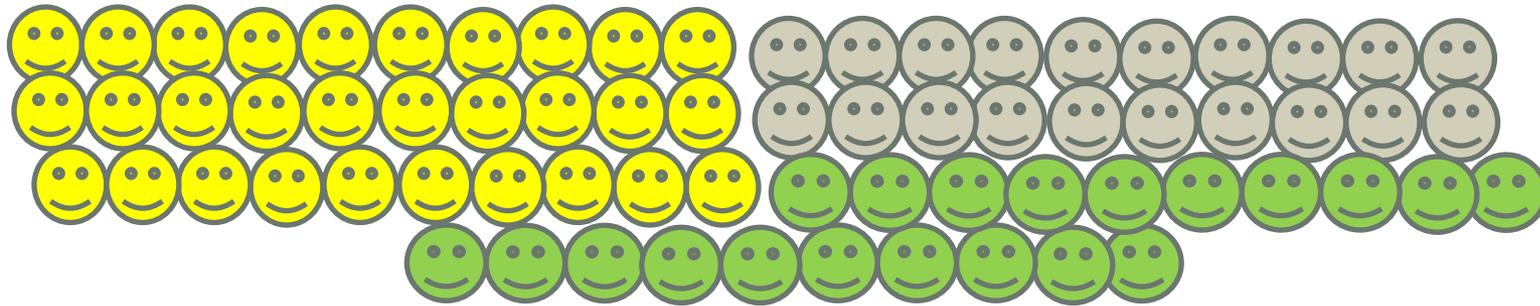
# Accountability: Elem. and Middle School

Achievement

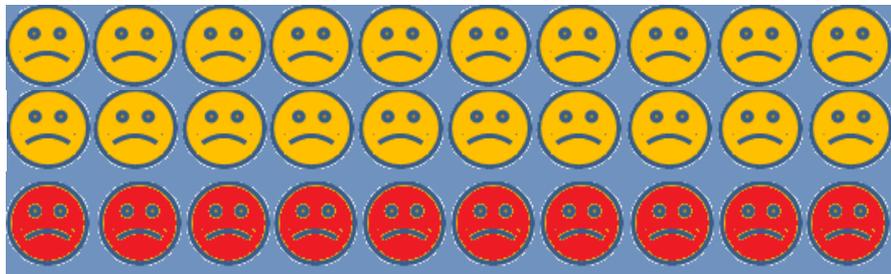
Attendance

Academic Growth

This might not seem so bad in a school with only 10 students, but what if I have 100 students?



**GOAL: 94%**



30 students are missing the goal!

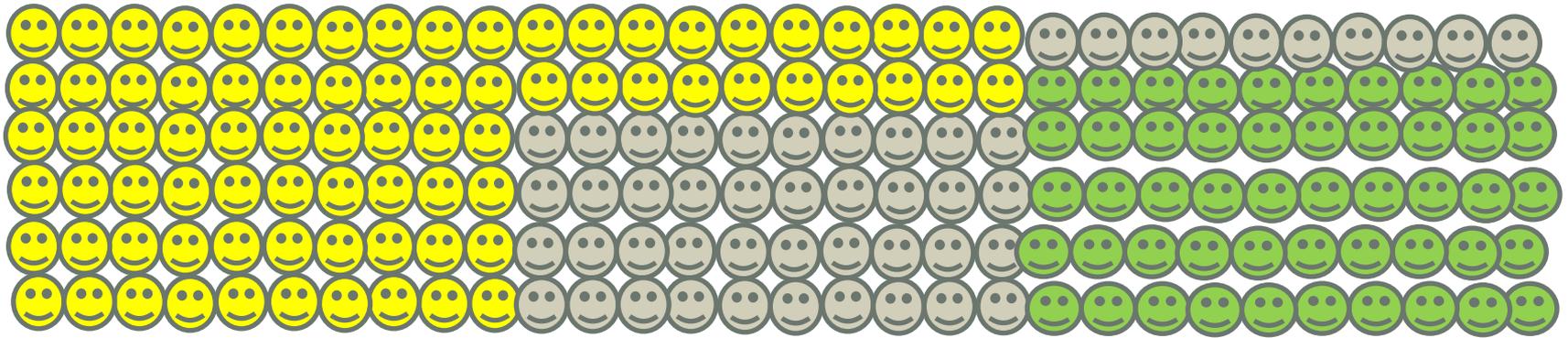
# Accountability: Elem. and Middle School

Achievement

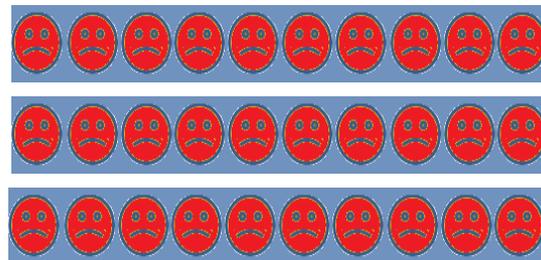
Attendance

Academic Growth

And if I am a school with 300 kids, that means that 90 students might be missing out on critical learning time!



**GOAL: 94%**



That's a lot of students and a lot of missed learning time! Should we be looking for ways to help?

# Accountability: Elem. and Middle School

**Achievement**

**Attendance**

**Academic Growth**

**Before (2013-14 and prior):**

- Not measured

**After: 2014-15**

**2015-16**

**2016-2017 and beyond**

- Smarter Balanced results set the baseline for the measure

# Accountability: Elem. and Middle School

**Achievement**

**Attendance**

**Academic Growth**

## **Before (2013-14 and prior):**

- Not measured

**After: 2014-15**

**2015-16**

**2016-2017 and beyond**

- Student Growth Percentile model used
- Based on Smarter Balanced results



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# Accountability: Elem. and Middle School

Achievement

Attendance

Academic Growth

## Student Growth Percentiles

- What are SGPs?
  - Indicators of student growth: test scores compared with scores of students with similar score histories (academic peers).
- What can SGPs tell us about student growth?
  - How much a student grew, relative to his/her academic peers. A student with an SGP of 65 performed better than 65% of his/her academic peers.
- Which states are using SGPs?
  - Colorado, Arizona, Utah, and others
  - Allows SD to leverage the programming, communications, and lessons learned

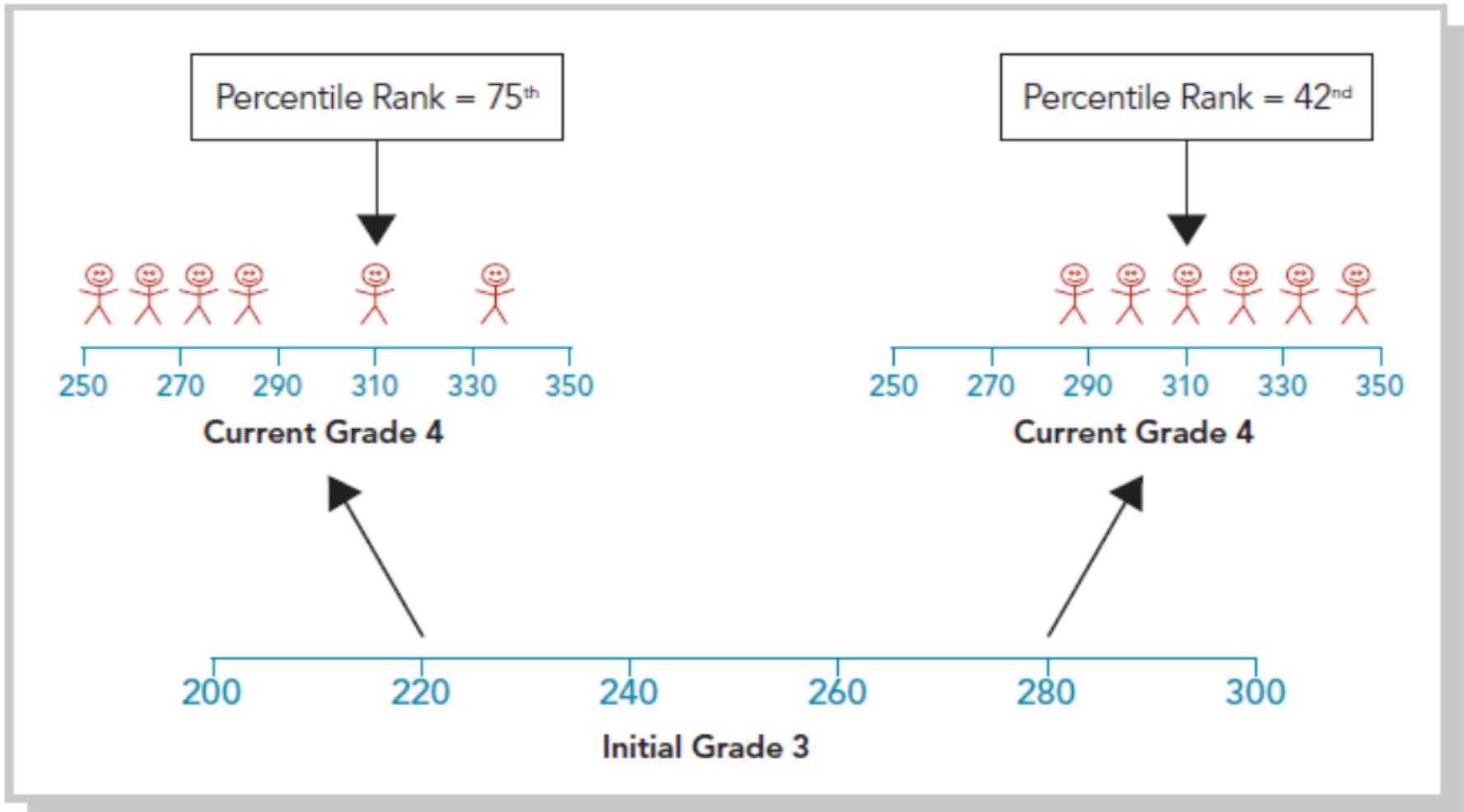
# Accountability: Elem. and Middle School

Achievement

Attendance

Academic Growth

Illustration of a Heuristic Approach to Computing Student Growth Percentiles



# Accountability: Elem. and Middle School

Achievement

Attendance

Academic Growth

## Determining SPI points

- Continuous model to parallel the way points are assigned for achievement (0-40 points)
  - Half the points → growth for the lowest 25% of students in a district/school;
  - Half the points → growth for ALL students (MGP)

# Accountability: Elem. and Middle School

Achievement

Attendance

Academic Growth

## Next Steps

- Develop a template for reporting
- Create communication plan and build awareness
- Submit to US ED for ESEA Flexibility approval
- Release first results after the 2015-16 school year
- Continue to monitor system

# Accountability: Elem. and Middle School

Achievement

Attendance

Academic Growth

## What does it all look like?



# Accountability: Elem. and Middle School

Indicator	Maximum Points Available			
	2014-15		2015-16	
Student Achievement	Math	40	Math	20
	ELA	40	ELA	20
	Total	80	Total	40
Attendance	Total	20	Total	20
Academic Growth	Total	n/a	Math	20
			ELA	20
	Total		Total	40
Total		100		100

## **Other Changes in the 2014-15 Waiver Extension**

# Accountability

- **Educator effectiveness** and **school climate** officially removed from SPI
  - still calculated, still areas of critical focus
- Updates to **Focus and Priority** work to reflect current practice
- Ability for **Focus and Priority** schools to remain in existing status if progress being made

# Questions?

## Contact:

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