



# 2015-2016 State Assessment Results

Presented:

Anthony Scotto

Director of Curriculum & Instruction

October 24, 2016

# Who Took PARCC?

- Grades 3-11
  - (ELA)
- Grades 3-8
  - (Math)
- Grades 7-12
  - (Students enrolled in Alg. I, Geometry, Alg. II)

# Performance Levels

1	2	3	4	5
Did Not Meet Expectations	Partially Met Expectations	Approaching Expectations	Met Expectations	Exceeded Expectations



# What Will The Slides Show?

## Charts

- State – vs – Barnegat
- Percent of Students that earned a...

## Arrows

- State – vs - Barnegat
- Average Score (for that cohort)

## Snapshots

- Curricular Strengths
- Curricular Areas of Focus

## Moving Forward

- Action Steps

### **Note:**

**Highest Scale Score = 850  
(ranges vary per grade/test)**

# Grade 3 - ELA

(235 students assessed)

Group	1	2	3	4	5
State	13.5	15.9	23.0	<b>41.3</b>	<b>6.2</b>
Barneгат	12.8	19.1	26.0	<b>38.7</b>	<b>3.4</b>



# A Visual Representation (3 ELA)

Barneget  
(741)



State  
(746)

# Grade 3 - Math

(236 students assessed)

Group	1	2	3	4	5
State	8.1	15.9	24.3	<b>39.0</b>	<b>12.7</b>
Barneget	8.1	16.5	28.8	<b>39.8</b>	<b>6.8</b>



# A Visual Representation (3 Math)

Barneget  
(746)



State  
(750)



# Grade 4 - ELA

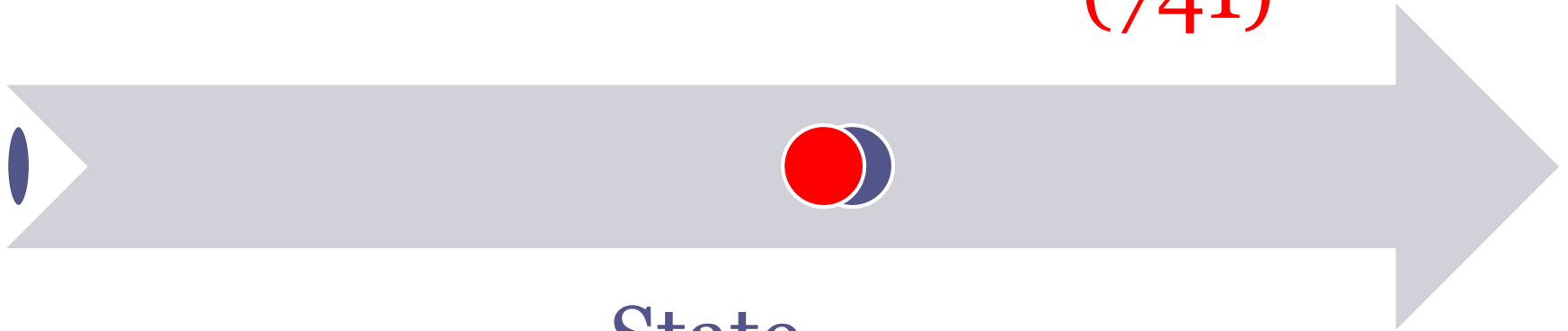
(209 students assessed)

Group	1	2	3	4	5
State	8.2	13.5	24.8	<b>40.8</b>	<b>12.7</b>
Barneгат	10.0	14.8	34.4	<b>36.4</b>	<b>4.3</b>



# A Visual Representation (4 ELA)

Barneget  
(741)



State  
(751)

# Grade 4 - Math

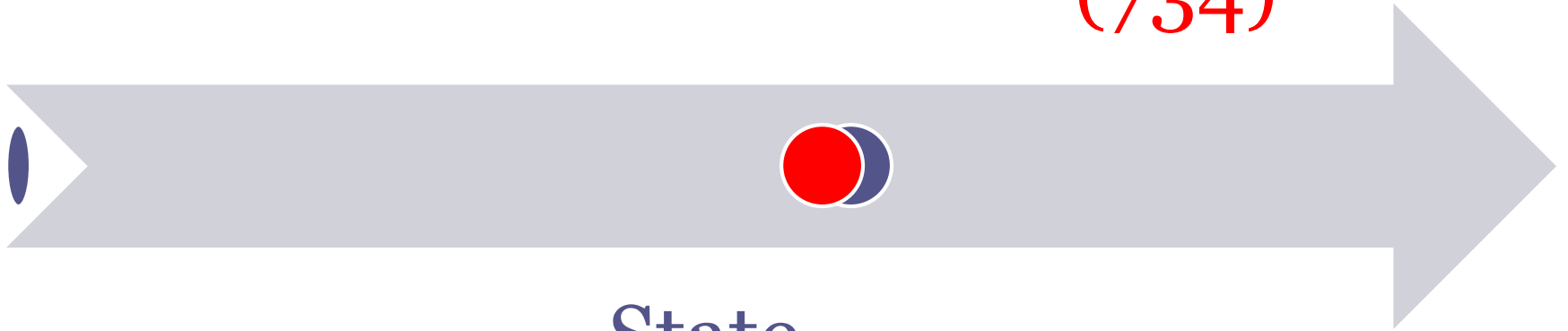
(211 students assessed)

Group	1	2	3	4	5
State	8.0	18.6	26.8	<b>41.2</b>	<b>5.4</b>
Barneгат	7.6	28.0	40.3	<b>24.2</b>	<b>0.0</b>



# A Visual Representation (4 Math)

Barneгат  
(734)



State  
(746)

# Grade 5 - ELA

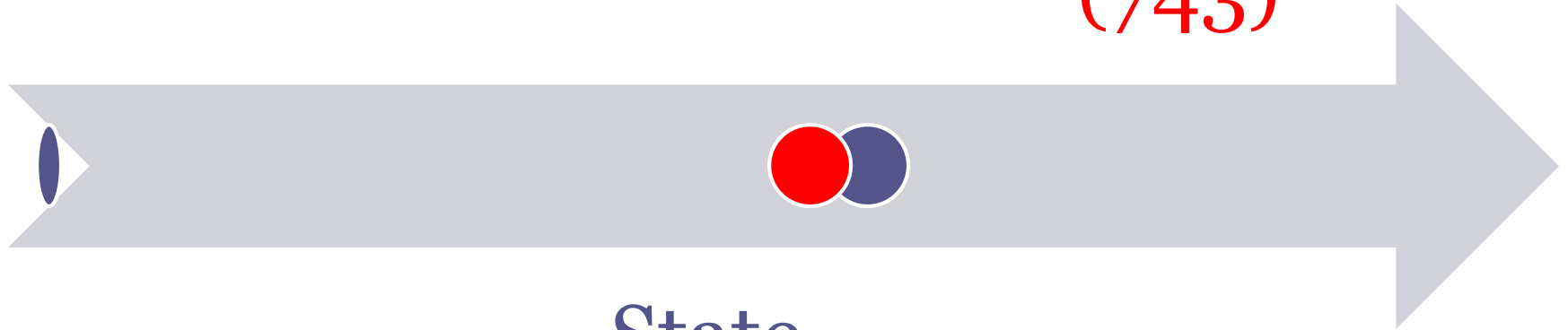
(244 students assessed)

Group	1	2	3	4	5
State	6.7	14.7	25.3	46.4	6.9
Barnegat	8.6	16.8	32.0	40.6	2.0



# A Visual Representation (5 ELA)

Barneget  
(743)



State  
(751)

# Grade 5 - Math

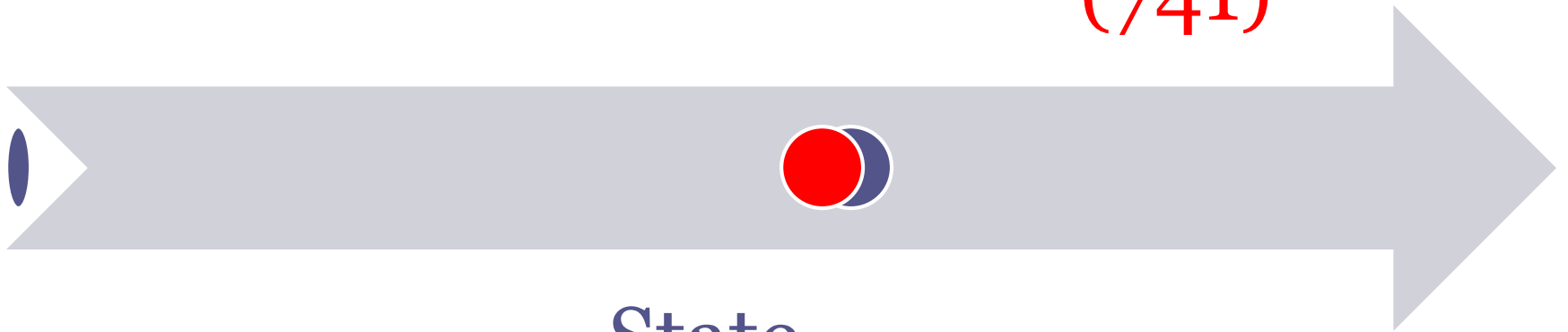
(244 students assessed)

Group	1	2	3	4	5
State	6.2	18.3	28.2	<b>38.4</b>	<b>8.8</b>
Barneget	7.4	19.3	35.2	<b>35.2</b>	<b>2.9</b>



# A Visual Representation (5 Math)

Barneгат  
(741)



State  
(747)



# Assessment Analysis - Snapshot

<i>Grade/Subj.</i>	<i>Strength</i>	<i>Focus</i>
3-ELA	Literature – Compare/Contrast Themes, settings, & plots	Use of text features to locate relevant info.
4-ELA	Informational – evidence from text	Informational – integrating from two texts on the same topic
5-ELA	Figurative language (similes & metaphors)	Prose constructed responses
3-Math	Two-Step Word Problems	Error Analysis
4-Math	Factors & Multiples	Add/Subtract Mixed Numbers w/ decimal notation
5-Math	Add/Subtract fraction with unlike denominators	Relating volume to multiplication & addition

# Grade 6 - ELA

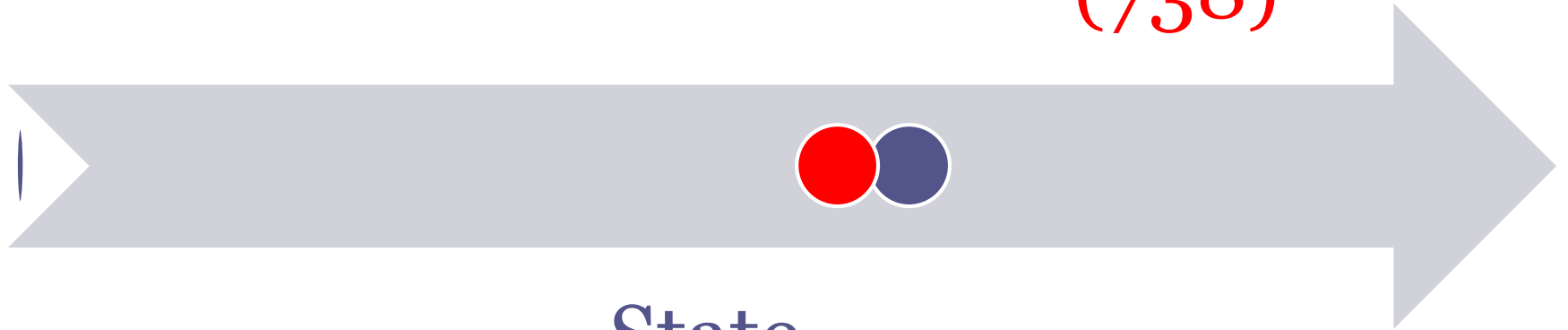
(238 students assessed)

Group	1	2	3	4	5
State	7.5	14.1	26.2	<b>41.3</b>	<b>11.0</b>
Barnegat	13.0	17.6	34.0	<b>31.5</b>	<b>3.8</b>



# A Visual Representation (6 ELA)

Barneget  
(738)



State  
(750)

# Grade 6 - Math

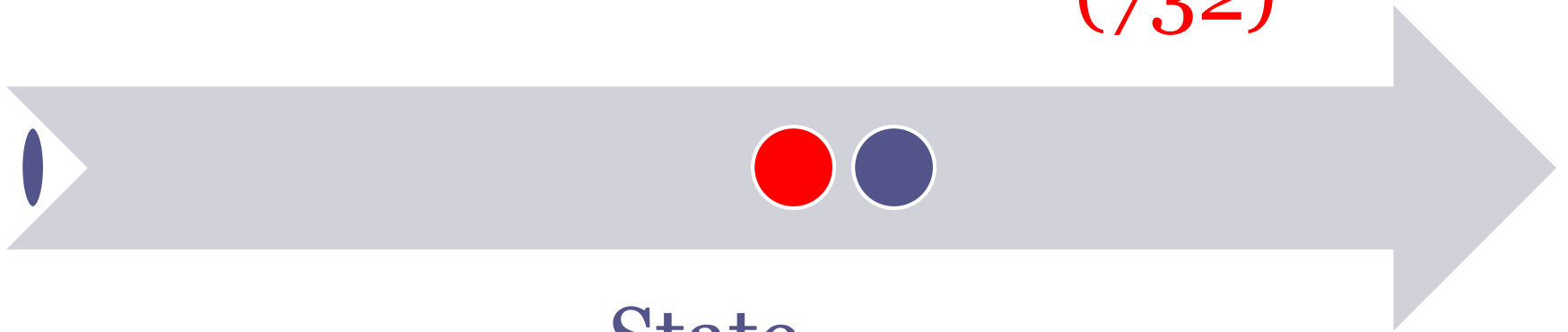
(239 students assessed)

Group	1	2	3	4	5
State	8.9	19.1	29.0	<b>35.6</b>	7.3
Barneget	14.2	23.0	34.7	<b>25.1</b>	<b>2.9</b>



# A Visual Representation (6 Math)

Barneгат  
(732)



State  
(743)

# Grade 7 - ELA

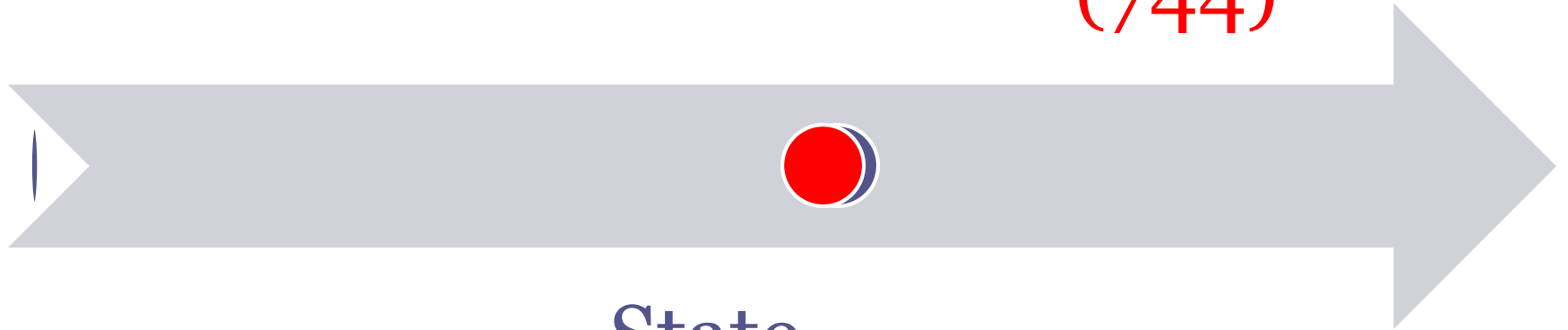
(229 students assessed)

Group	1	2	3	4	5
State	9.5	12.6	21.6	<b>35.6</b>	<b>20.7</b>
Barnegat	14.8	13.1	25.3	<b>32.8</b>	<b>14.0</b>



# A Visual Representation (7 ELA)

Barneget  
(744)



State  
(753)

# Grade 7 - Math

(220 students assessed)

Group	1	2	3	4	5
State	9.0	20.1	32.2	<b>33.5</b>	<b>5.2</b>
Barneget	15.5	23.6	32.7	<b>26.8</b>	<b>1.4</b>





# A Visual Representation (7 Math)

Barneгат  
(732)



State  
(740)

# Grade 8 - ELA

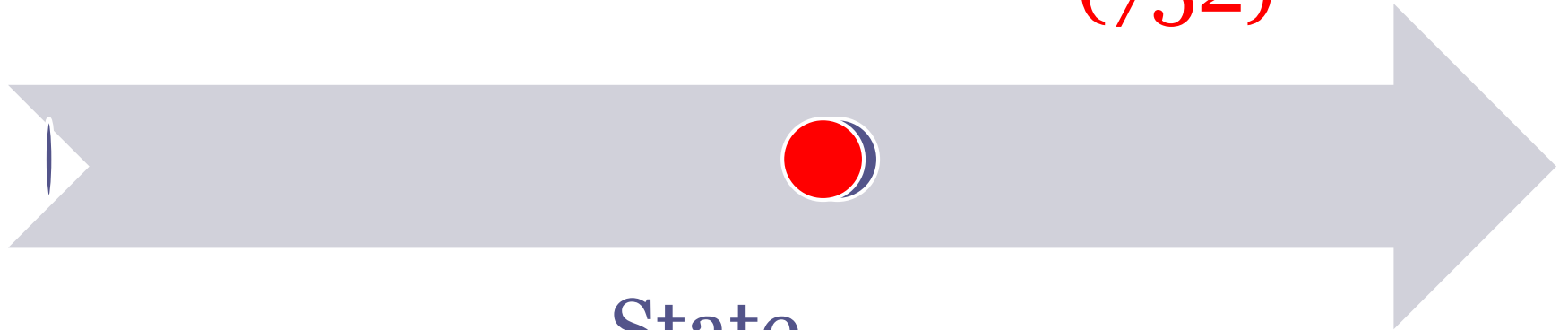
(224 students assessed)

Group	1	2	3	4	5
State	10.1	13.0	21.7	<b>40.7</b>	<b>14.5</b>
Barnegat	11.2	13.4	18.8	<b>43.3</b>	<b>13.4</b>



# A Visual Representation (8 ELA)

Barneгат  
(752)



State  
(753)

# Grade 8 - Math

(179 students assessed)

Group	1	2	3	4	5
State	21.5	25.3	27.5	<b>24.9</b>	<b>0.7</b>
Barneгат	21.2	26.3	24.6	<b>26.8</b>	<b>1.1</b>



# A Visual Representation (8 Math)

Barneгат  
(729)



State  
(726)

# Assessment Analysis - Snapshot

<i>Grade/Subj.</i>	<i>Strength</i>	<i>Focus</i>
6- ELA	Determining theme or central idea of a text	How author's point of view is conveyed in a text
7-ELA	Narrative writing	Including multi-media information in writing
8-ELA	Evaluating arguments & claims in a text	Text connections with informational text
6-Math	Rational Numbers	Writing & solving equations using letters to represent variables
7-Math	Statistics & Random Sampling	Geometry – area of circles
8-Math	Graphing functions & ordered pairs	Linear Relationships

# Grade 9 - ELA

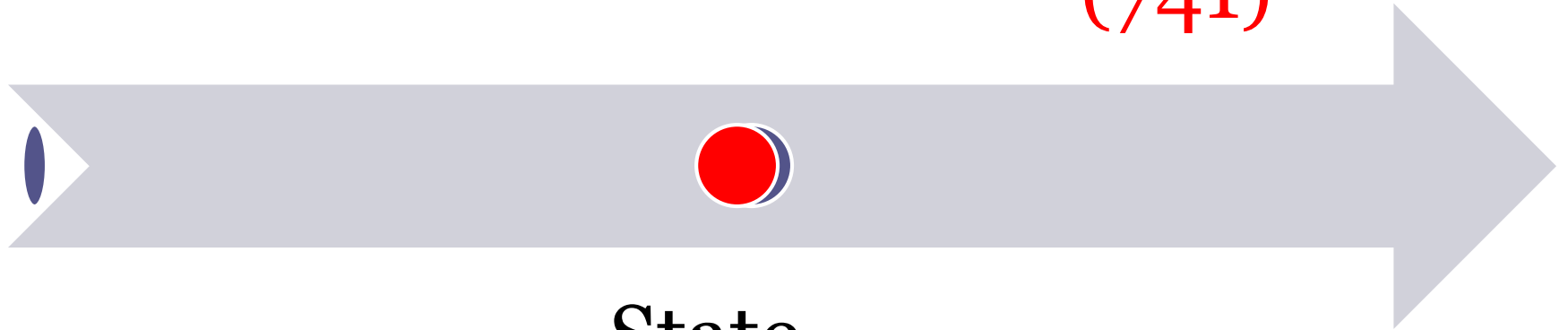
(230 students assessed)

Group	1	2	3	4	5
State	13.4	15.1	23.0	<b>35.5</b>	<b>13.1</b>
Barnegat	12.2	22.2	24.3	<b>34.3</b>	<b>7.0</b>



# A Visual Representation (9 ELA)

Barneget  
(741)



State  
(746)



# Grade 10 - ELA

(198 students assessed)

Group	1	2	3	4	5
State	21.9	14.4	20.3	<b>30.3</b>	<b>13.1</b>
Barnegat	29.3	17.2	23.2	<b>25.8</b>	<b>4.5</b>



# A Visual Representation (10 ELA)

Barneget  
(726)



State  
(740)

# Grade 11 - ELA

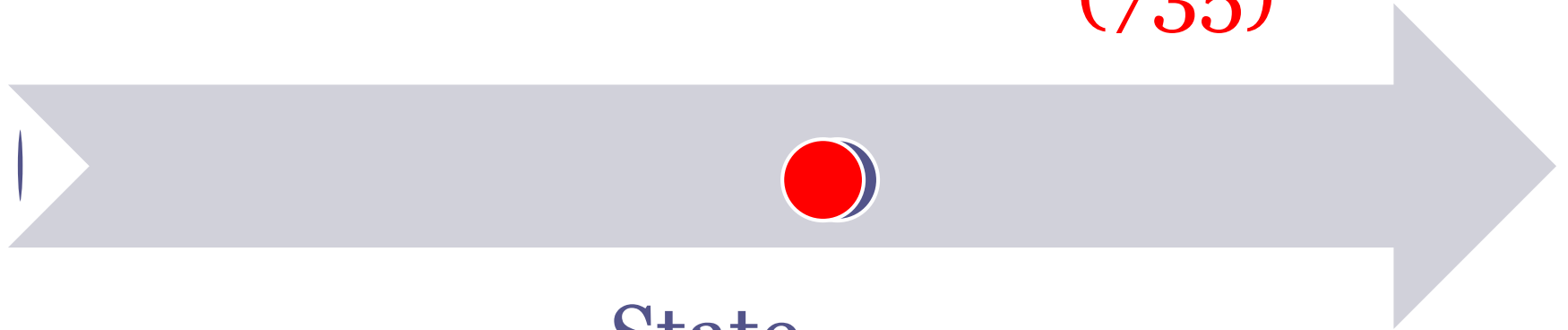
(200 students assessed)

Group	1	2	3	4	5
State	19.5	18.3	23.1	<b>30.9</b>	<b>8.2</b>
Barnegat	20.5	22.0	19.0	<b>26.5</b>	<b>12.0</b>



# A Visual Representation (11 ELA)

Barneгат  
(735)



State  
(737)

# Algebra I\*

(221 students assessed)

Group	1	2	3	4	5
State	12.8	21.3	24.8	<b>37.3</b>	<b>3.9</b>
Barnegat	10.9	18.6	18.6	<b>37.1</b>	<b>3.6</b>

\*Grades 7, 8, and HS Students took this course in 15/16



# A Visual Representation (Alg. I)

Barnegat  
(742)



State  
(741)

# Geometry\*

(209 students assessed)

Group	1	2	3	4	5
State	10.5	31.1	31.4	<b>23.2</b>	<b>3.8</b>
Barneget	8.1	33.5	36.4	<b>19.1</b>	<b>2.9</b>

\*Grade 8 and HS Students took this course in 15/16



# A Visual Representation (Geo.)

Barnegat  
(731)



State  
(732)



# Algebra II

(153 students assessed)

Group	1	2	3	4	5
State	33.5	22.6	18.8	<b>22.7</b>	<b>2.4</b>
Barneget	24.8	34.0	24.8	<b>16.3</b>	<b>0.0</b>



# A Visual Representation (Alg. II)

Barnegat  
(720)



State  
(721)

# Assessment Analysis - Snapshot

<i>Grade/Subject</i>	<i>Strength</i>	<i>Focus</i>
9-ELA	Central idea of a text (and how it evolves)	Scientific/Technical reading (evaluating author's claim)
10-ELA	Citing evidence & evaluating theme	Comparing/contrasting historical texts
11-ELA	Research simulation task	Reading historical texts
Alg. I	Add/Subtract/Mult. Polynomials	Graphing linear functions
Geometry	Circumference, area, and volume of circles, cones, & pyramids	Trigonometry of Complementary Angles
Alg. II	Graphing polynomial functions	Solving quadratic equations with complex solutions

# Science

Grade/Cohort	% Proficient (or higher)
Grade 4	86.6%
Grade 8	77.9%
Biology	65.6%* 18.6% higher than the DFG <u>and</u> 8.9% higher than the State



# Advanced Placement\*

(227 exams taken)

Scored a <u>1</u>	Scored a <u>2</u>	Scored a <u>3</u>	Scored a <u>4</u>	Scored a <u>5</u>
18	61	91	44	13

\*65% scored a 3 (or higher)



# Moving Forward

- Revised 6-12 Math & ELA Benchmark Assessments
- 6-12 Targeted Intervention (Math)
- 6-12 Progress Monitoring (Reading Comp)
- Revisions to 9-12 ELA Basic Skills Program
- 6-12 Grade Level Assemblies
- 6-8 Basic Skills (time of day – TBD)
- K-5 Writing A-Z Program
- Year II of Go Math (K-5)
- 3 Part Series – *Assessment Design & Implementation*
- Increased Role of School Improvement Panel (ScIP)
- Deeper “dive” into data sources
- Monthly At-Risk Meetings