

# **Data for Monitoring Report on SCIENCE**



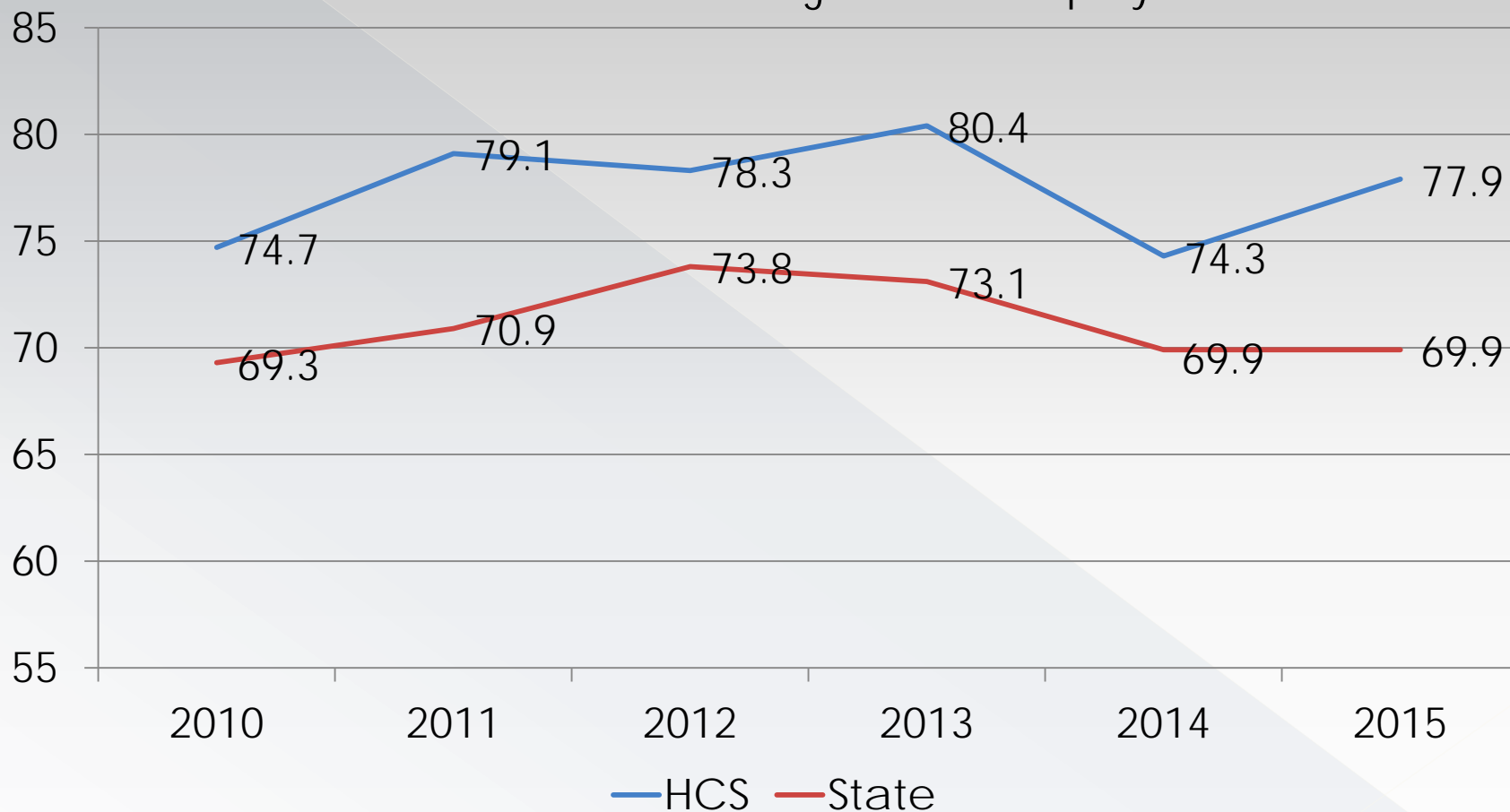
**January 2016**

# Science across grades

| MEASURE DETAIL                       | 2014  | +/-  | 2015  | +/-  |
|--------------------------------------|-------|------|-------|------|
| PASS Science Grade 4 Met/Exemplary   | 74.3% | -6.1 | 77.9% | +5.6 |
| PASS Science Grade 5 Met/Exemplary   | 74.3% | -4.9 | 74.2% | -0.1 |
| PASS Science Grade 6 Met/Exemplary   | 71.5% | -1.0 | 68.8% | -2.7 |
| PASS Science Grade 7 Met/Exemplary   | 78.0% | -1.9 | 72.7% | -5.3 |
| PASS Science Grade 8 Met/Exemplary   | 74.4% | -5.0 | 72.8% | -1.6 |
| Biology End-of-Course test pass rate | 84.5% | -0.8 | 86.6% | +2.1 |

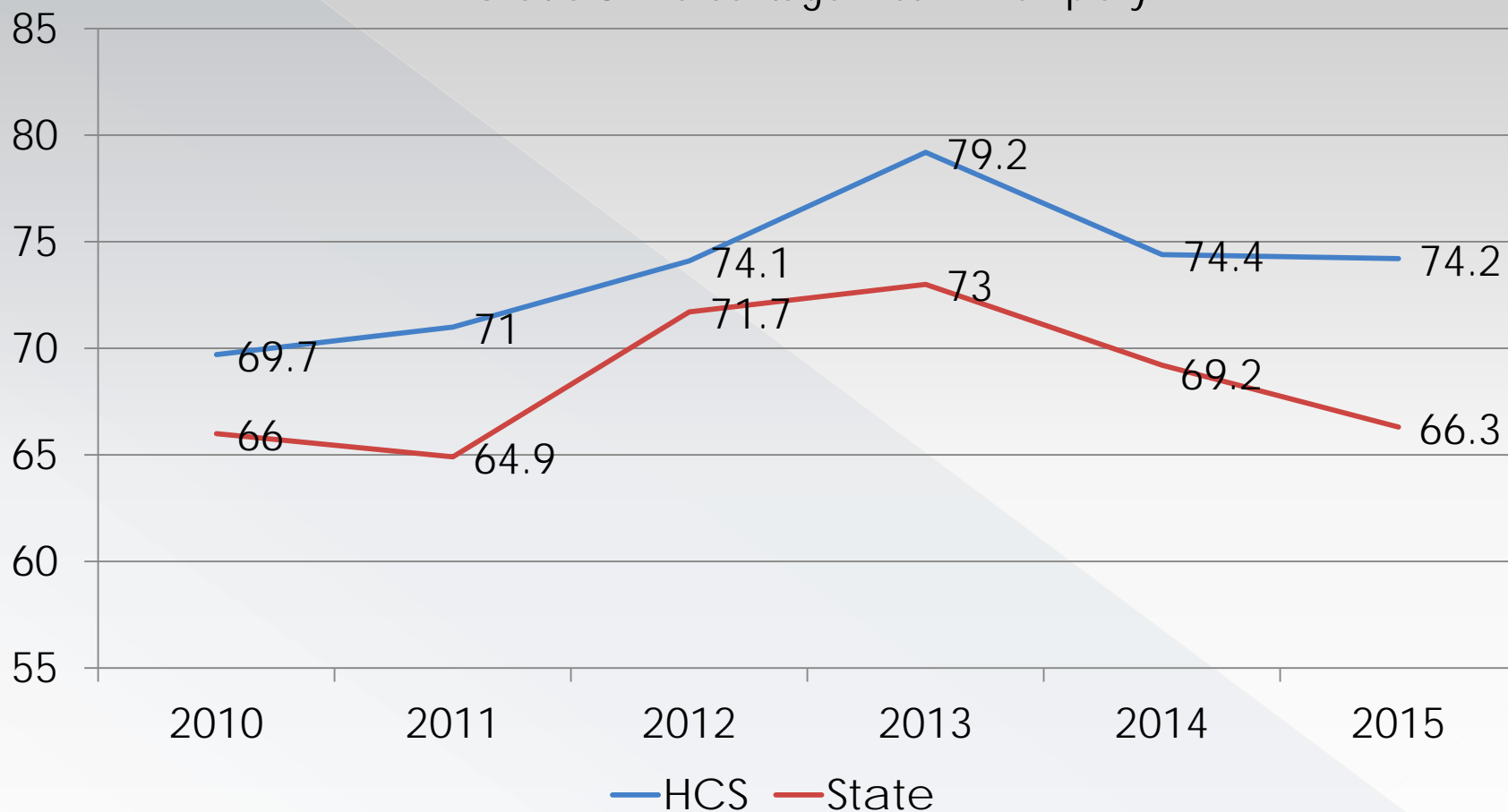
# PASS Science

## Grade 4: Percentage Met + Exemplary



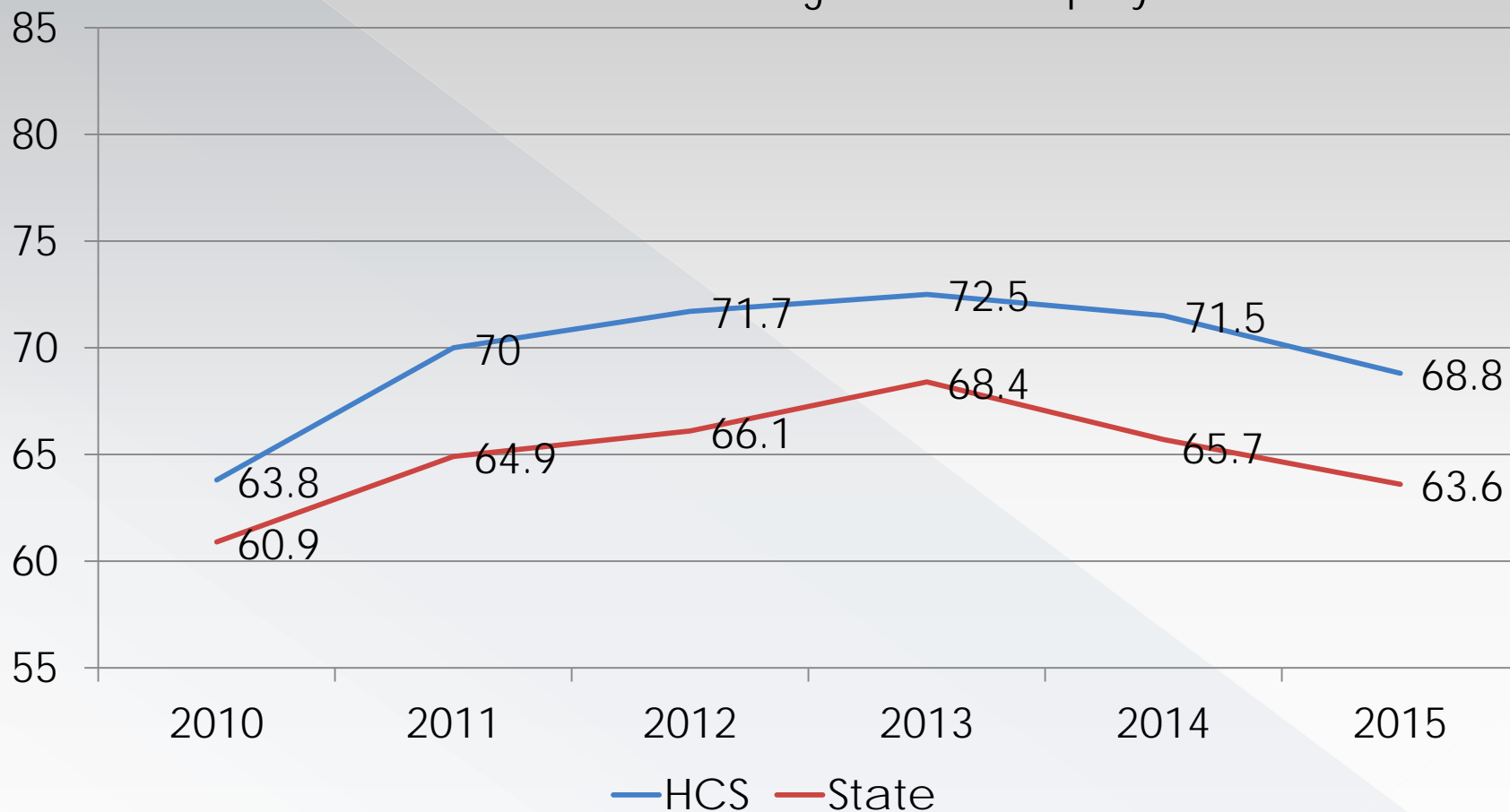
# PASS Science

## Grade 5: Percentage Met + Exemplary



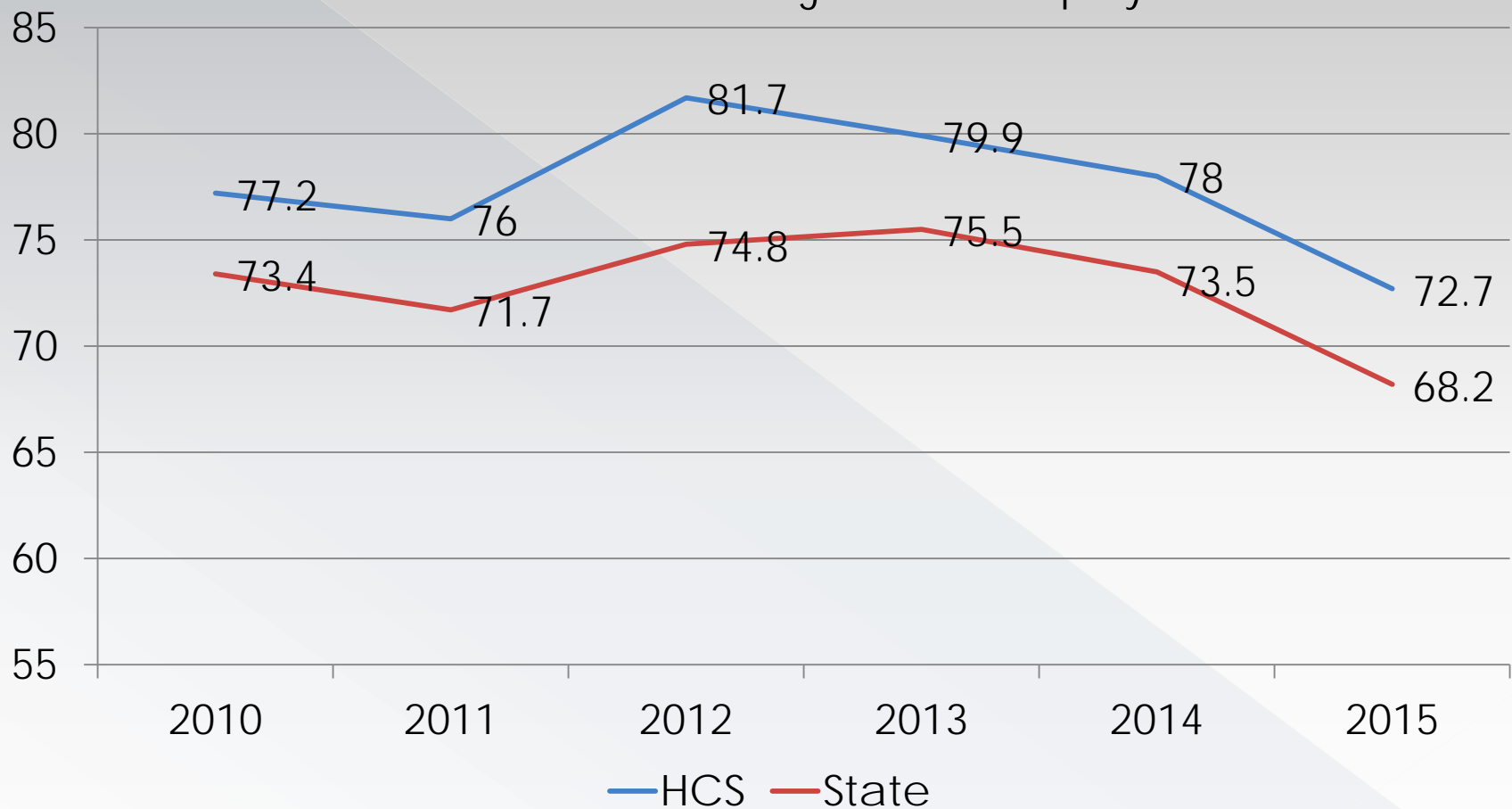
# PASS Science

## Grade 6: Percentage Met + Exemplary



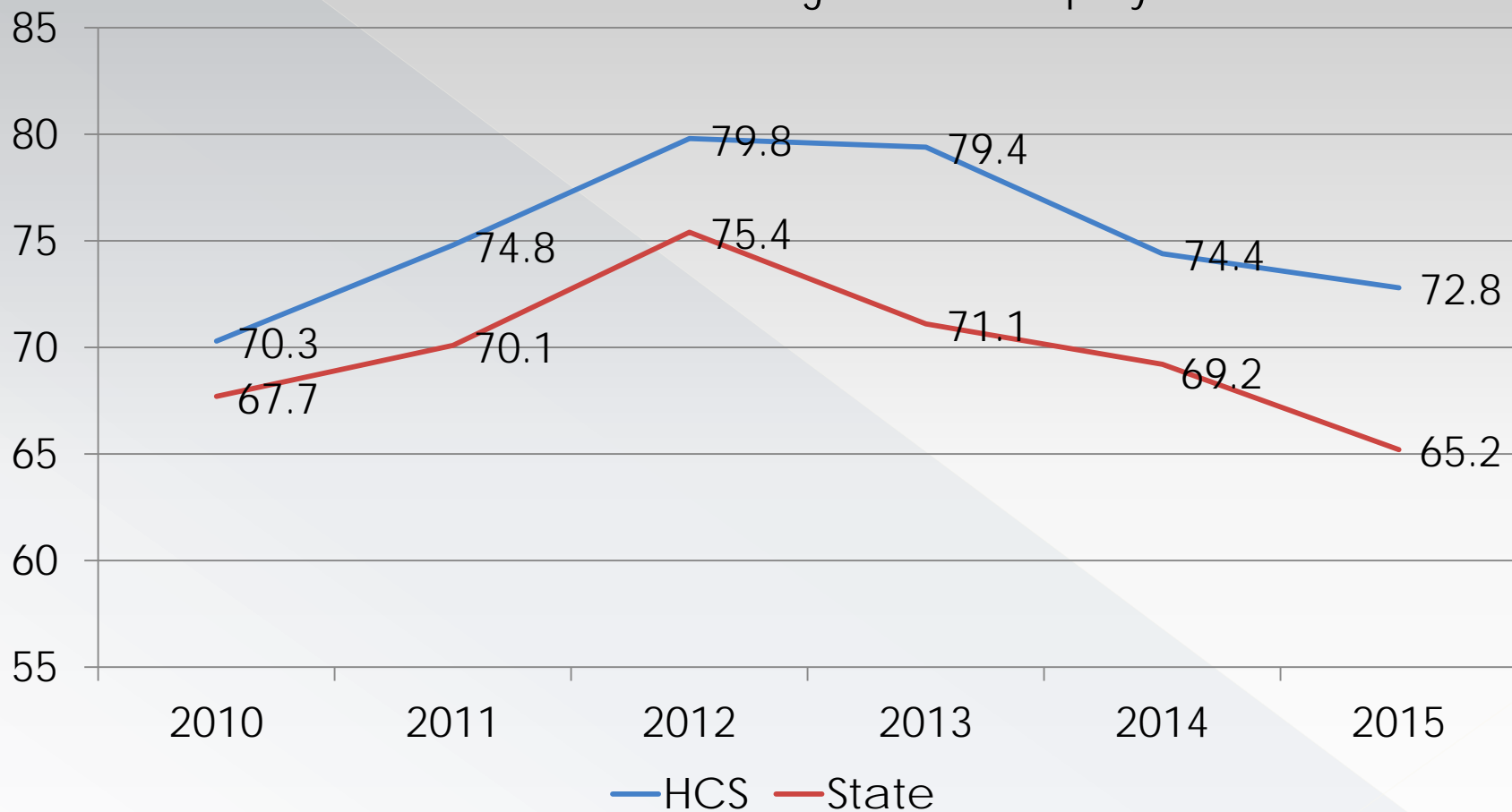
# PASS Science

Grade 7: Percentage Met + Exemplary



# PASS Science

## Grade 8: Percentage Met + Exemplary



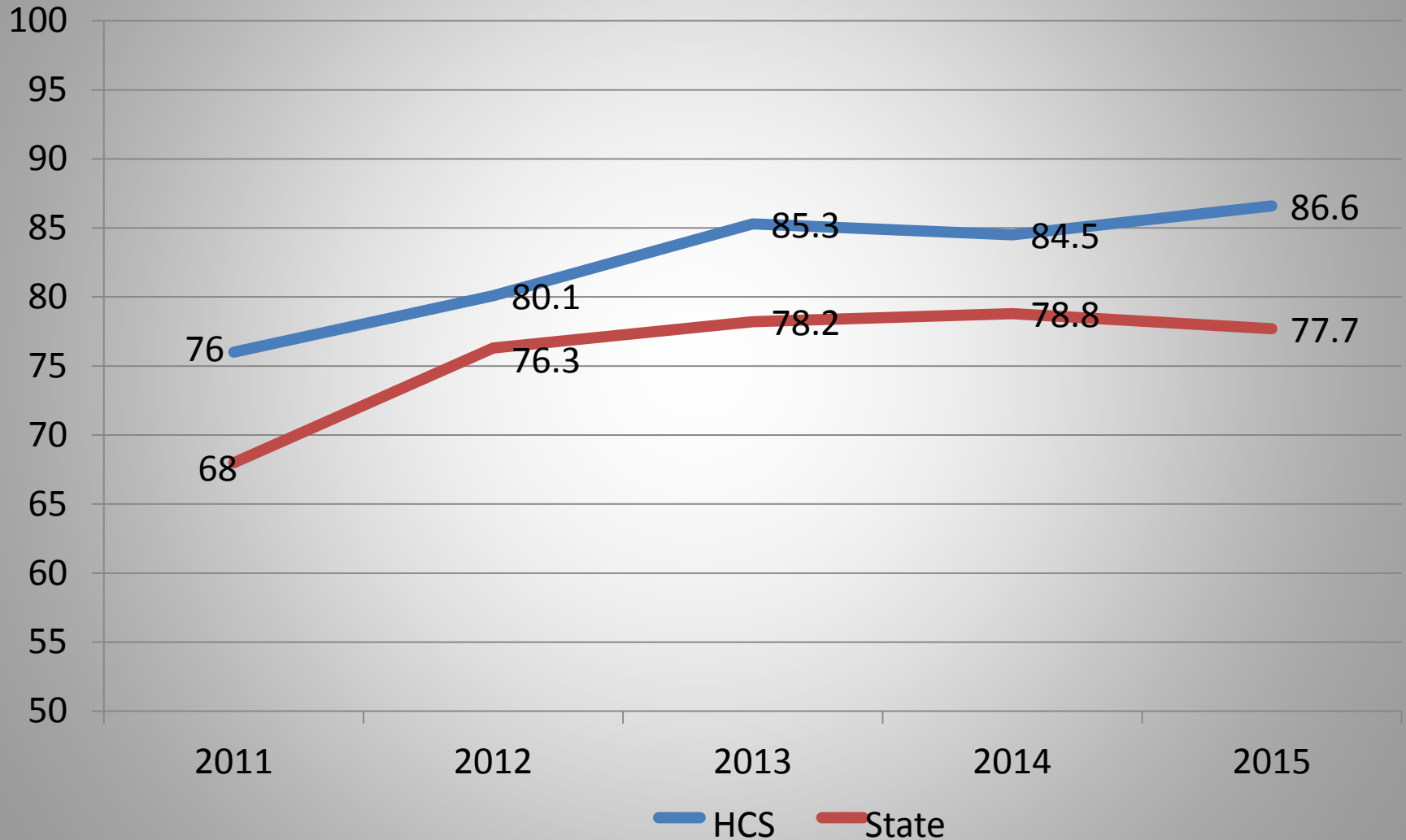
# **Biology**

## **End-of-Course Test**



# Biology End-of-Course Test

## % Passing



**ACT**

## ACT Science Mean Score

2015 Seniors as college entrance exam

| Horry County Schools | 2014 | +/-  | 2015 | +/-  |
|----------------------|------|------|------|------|
| Science              | 20.6 | -0.2 | 21.2 | +0.6 |

## ACT Science Mean Score

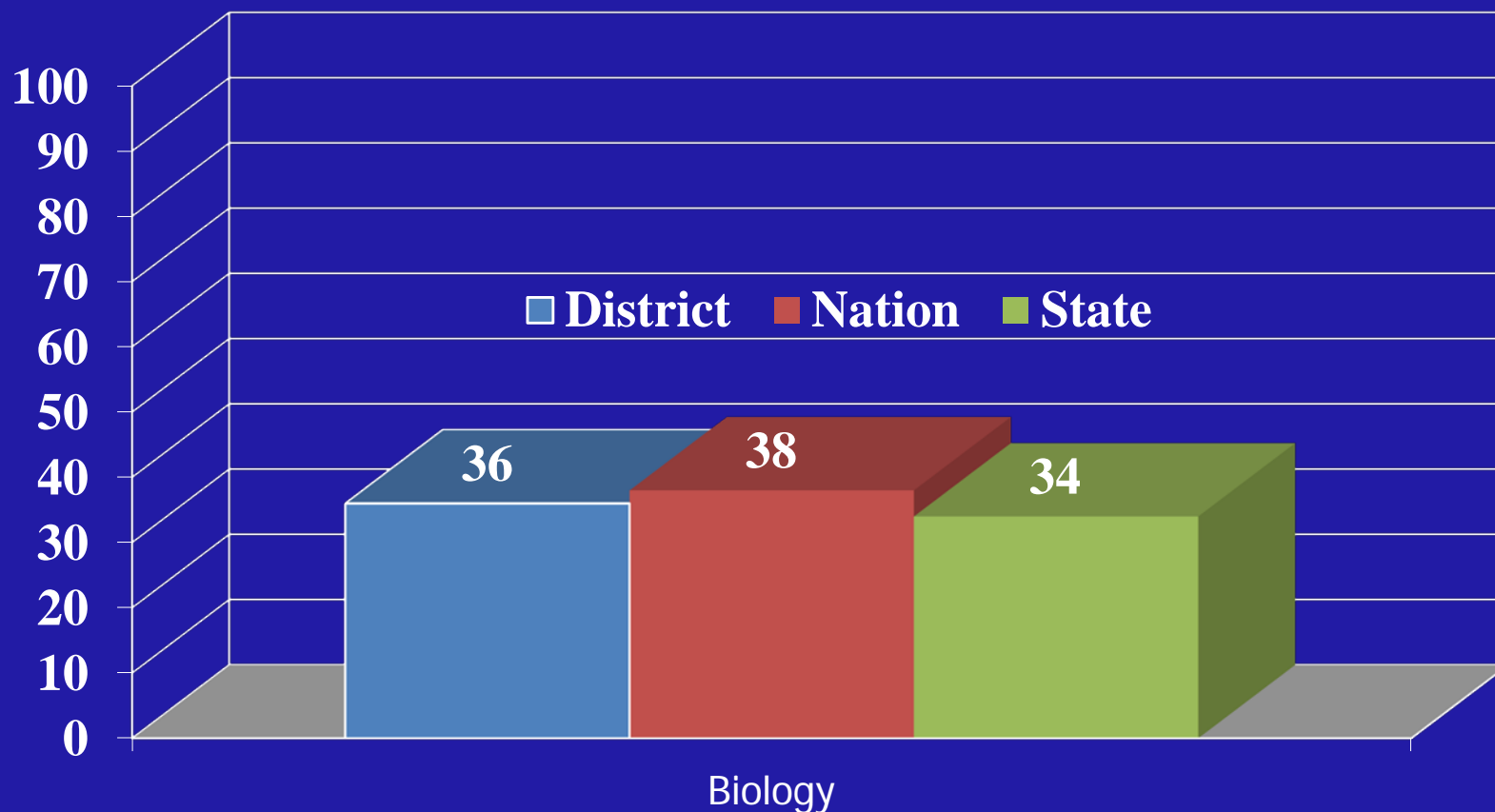
2015 third-year students census testing  
for state accountability

|                      |      |
|----------------------|------|
| Horry County Schools | 18.4 |
| State Average        | 18.1 |

# ACT-Tested Seniors in HCS 2015

## Percent Ready\* for College-Level Coursework

\* 50% or better chance of getting B or higher in college course.



# **Advanced Placement (AP)**

# Advanced Placement (AP) exams

2015, Percentage scoring "3" or higher

**SCIENCE** content areas

|                      | AP<br>Biology | AP<br>Chemistry | AP<br>Environmental<br>Science |
|----------------------|---------------|-----------------|--------------------------------|
| Horry County Schools | 75%           | 59%             | 27%                            |
| State Average        | 66%           | 53%             | 56%                            |