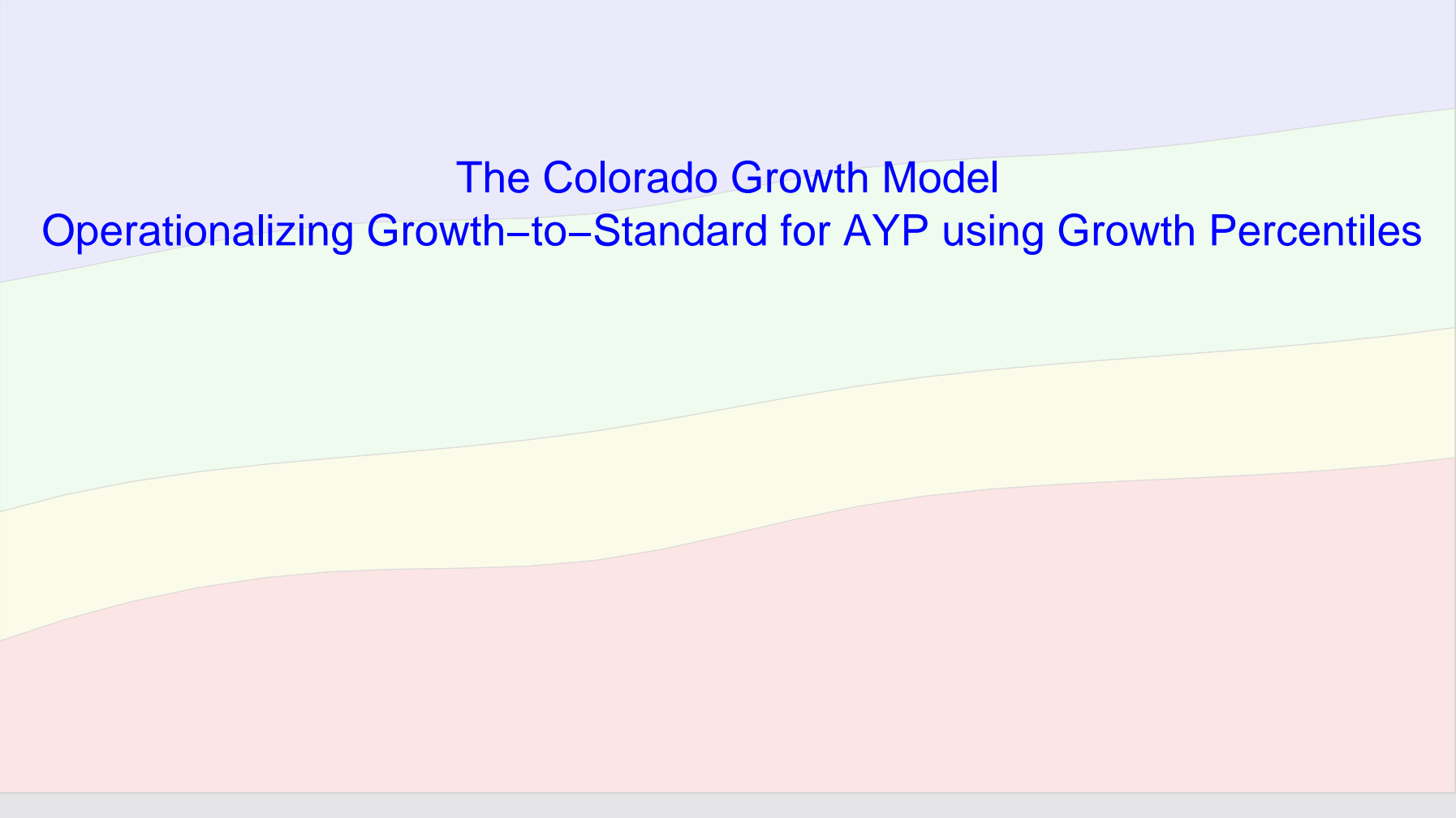
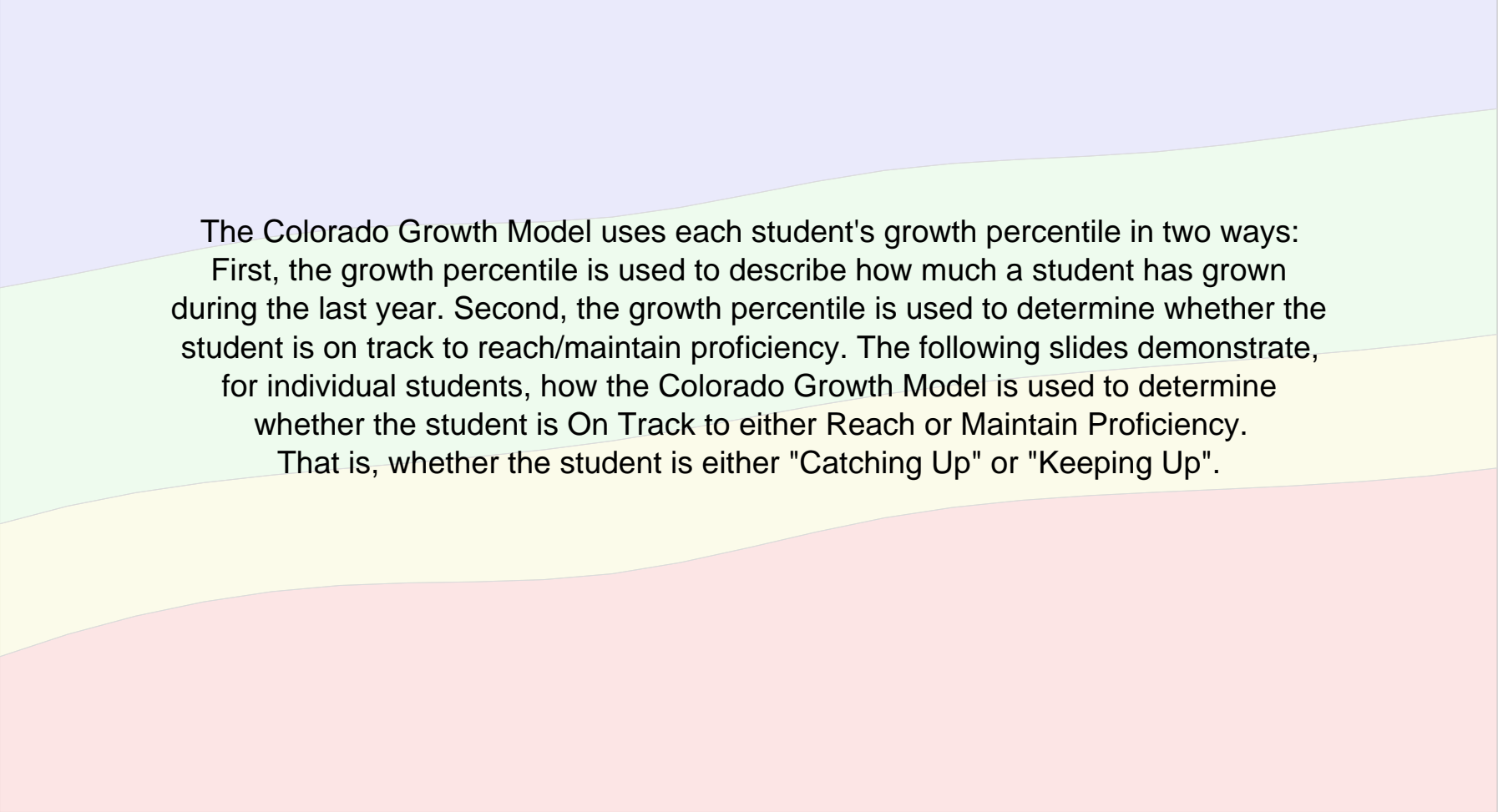


# The Colorado Growth Model

## Operationalizing Growth-to-Standard for AYP using Growth Percentiles



Grade 4/2005      Grade 5/2006      Grade 6/2007      Grade 7/2008      Grade 8/2009      Grade 9/2010



The Colorado Growth Model uses each student's growth percentile in two ways:  
First, the growth percentile is used to describe how much a student has grown during the last year. Second, the growth percentile is used to determine whether the student is on track to reach/maintain proficiency. The following slides demonstrate, for individual students, how the Colorado Growth Model is used to determine whether the student is On Track to either Reach or Maintain Proficiency. That is, whether the student is either "Catching Up" or "Keeping Up".

Grade 4/2005

Grade 5/2006

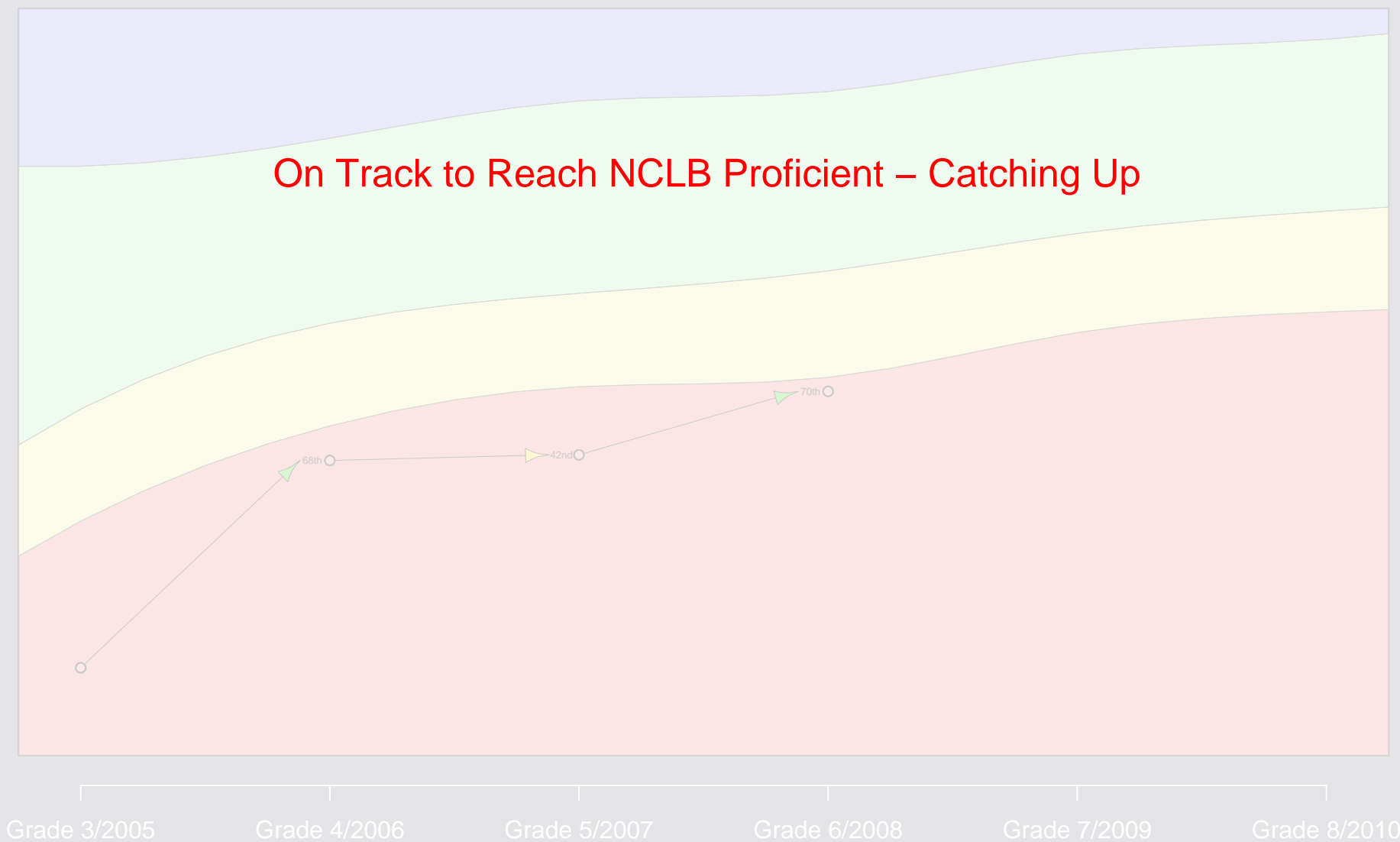
Grade 6/2007

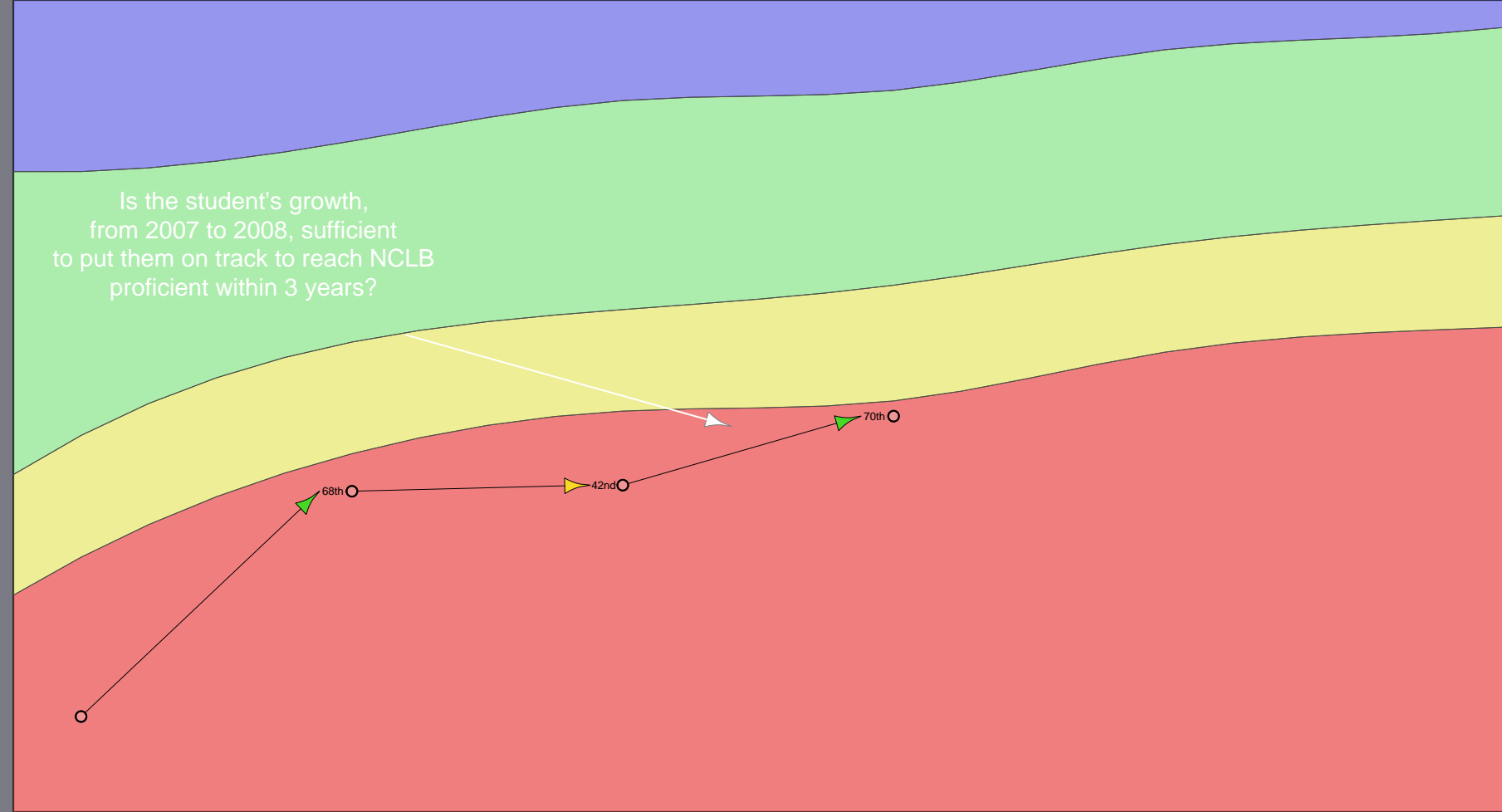
Grade 7/2008

Grade 8/2009

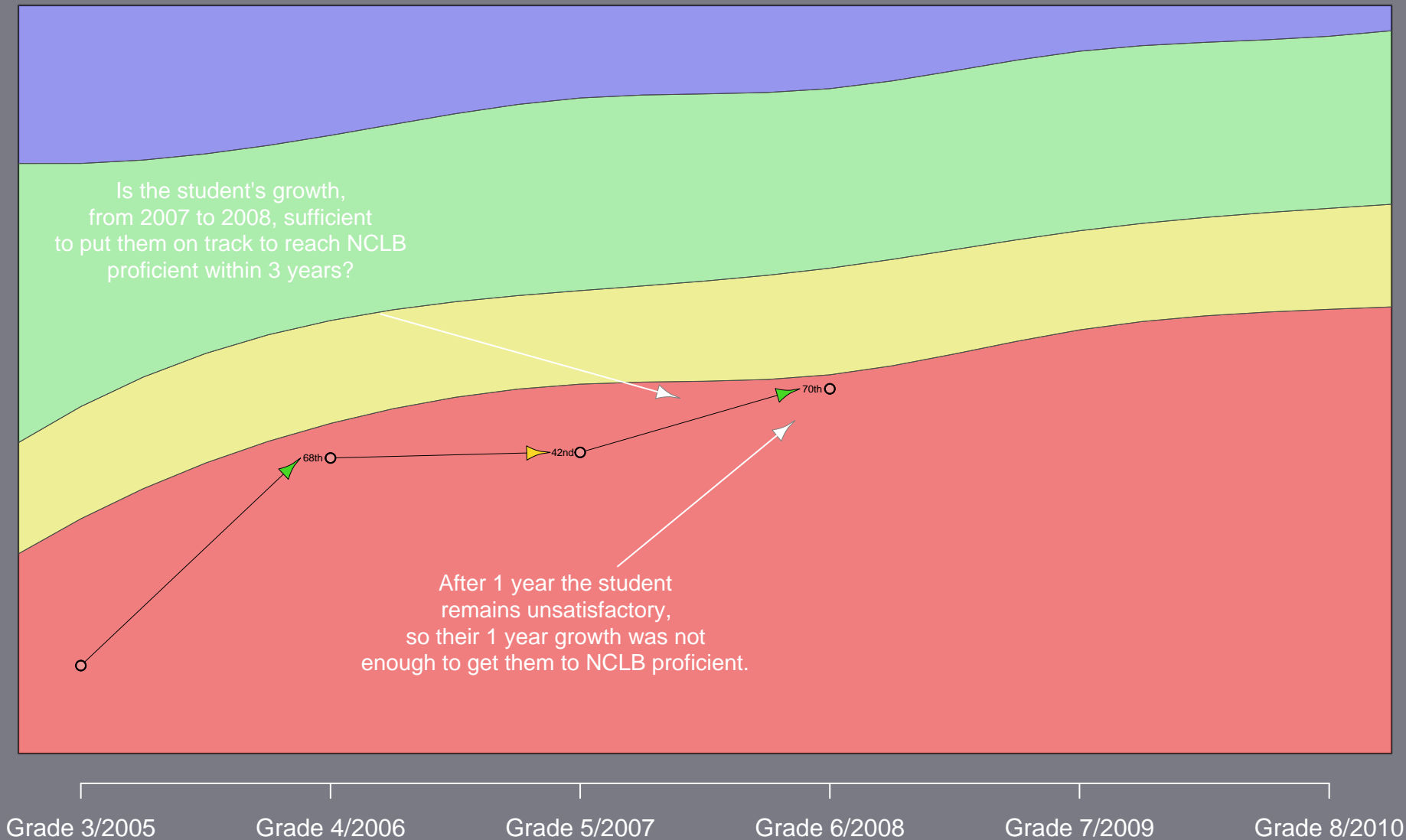
Grade 9/2010

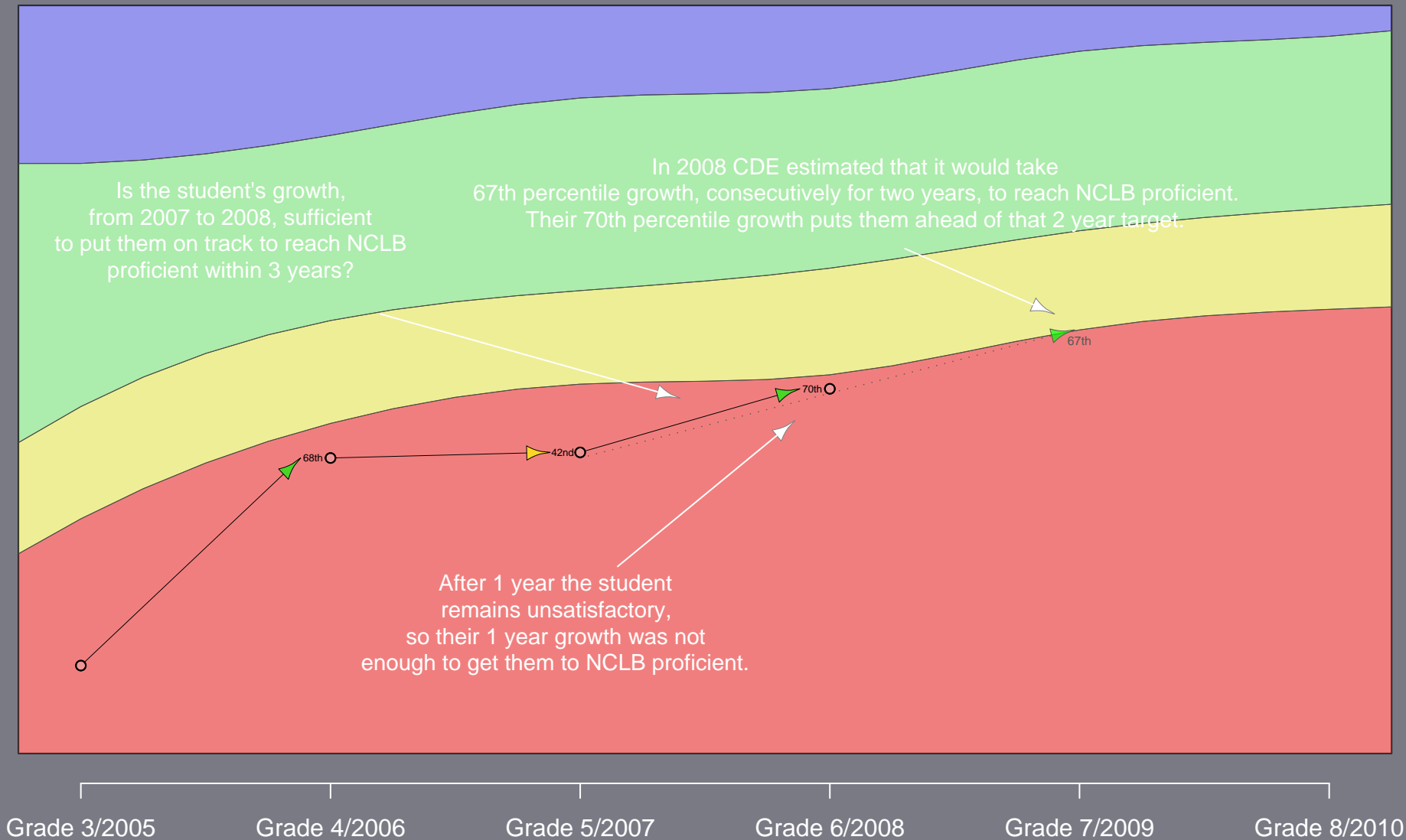
## On Track to Reach NCLB Proficient – Catching Up

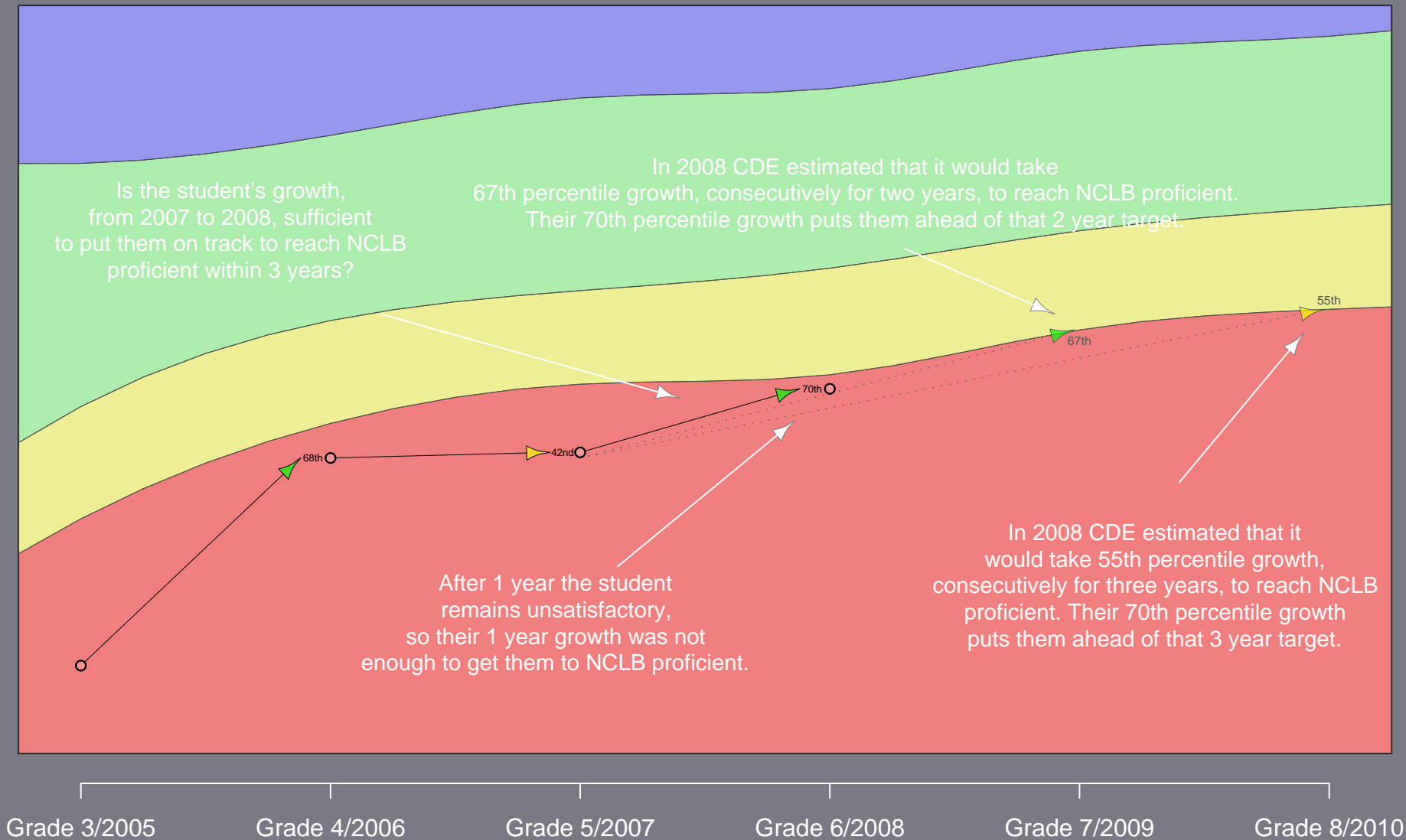


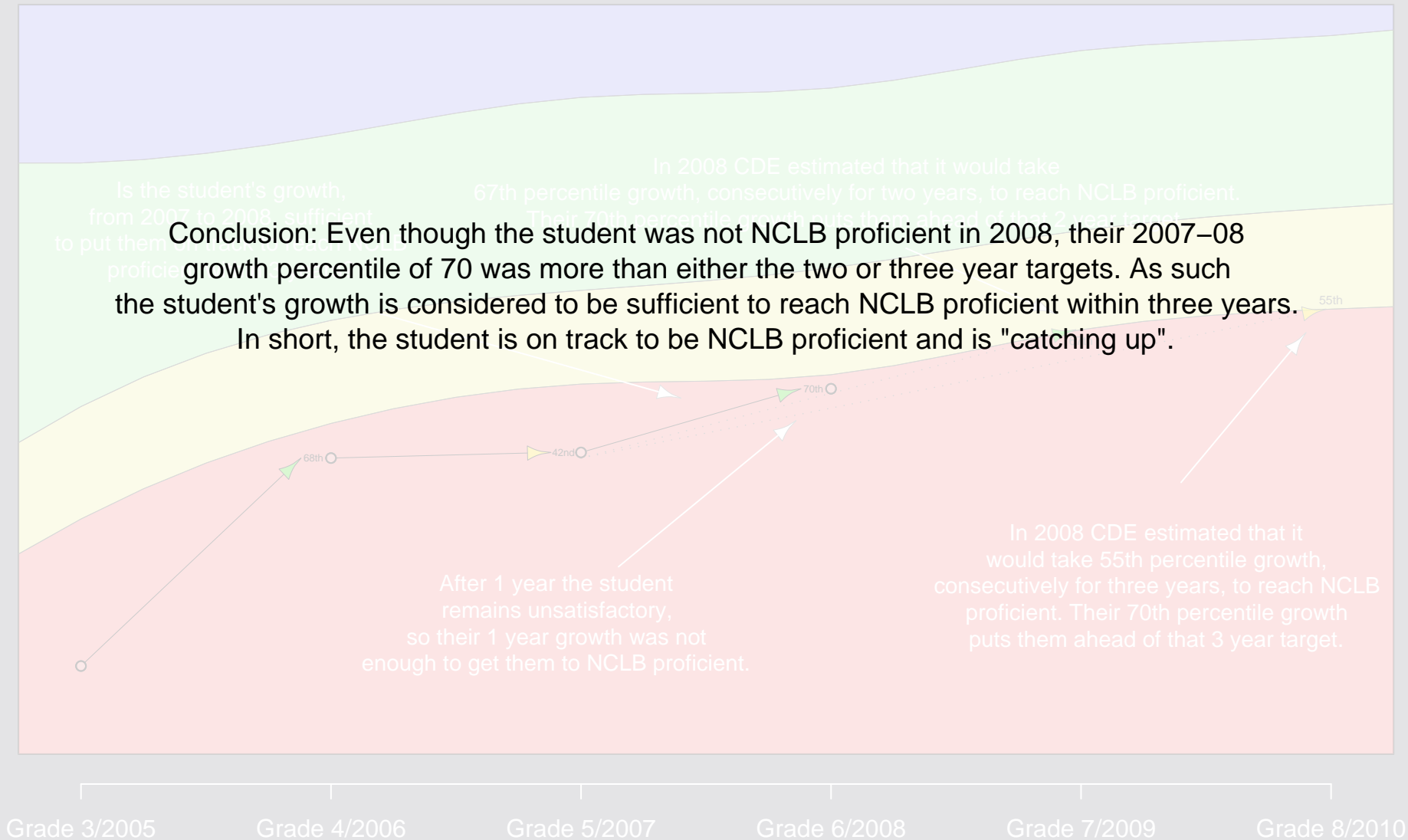


Grade 3/2005      Grade 4/2006      Grade 5/2007      Grade 6/2008      Grade 7/2009      Grade 8/2010











**Not On Track to Reach NCLB Proficient – Not Catching Up**

Grade 3/2005      Grade 4/2006      Grade 5/2007      Grade 6/2008      Grade 7/2009      Grade 8/2010

○

▲

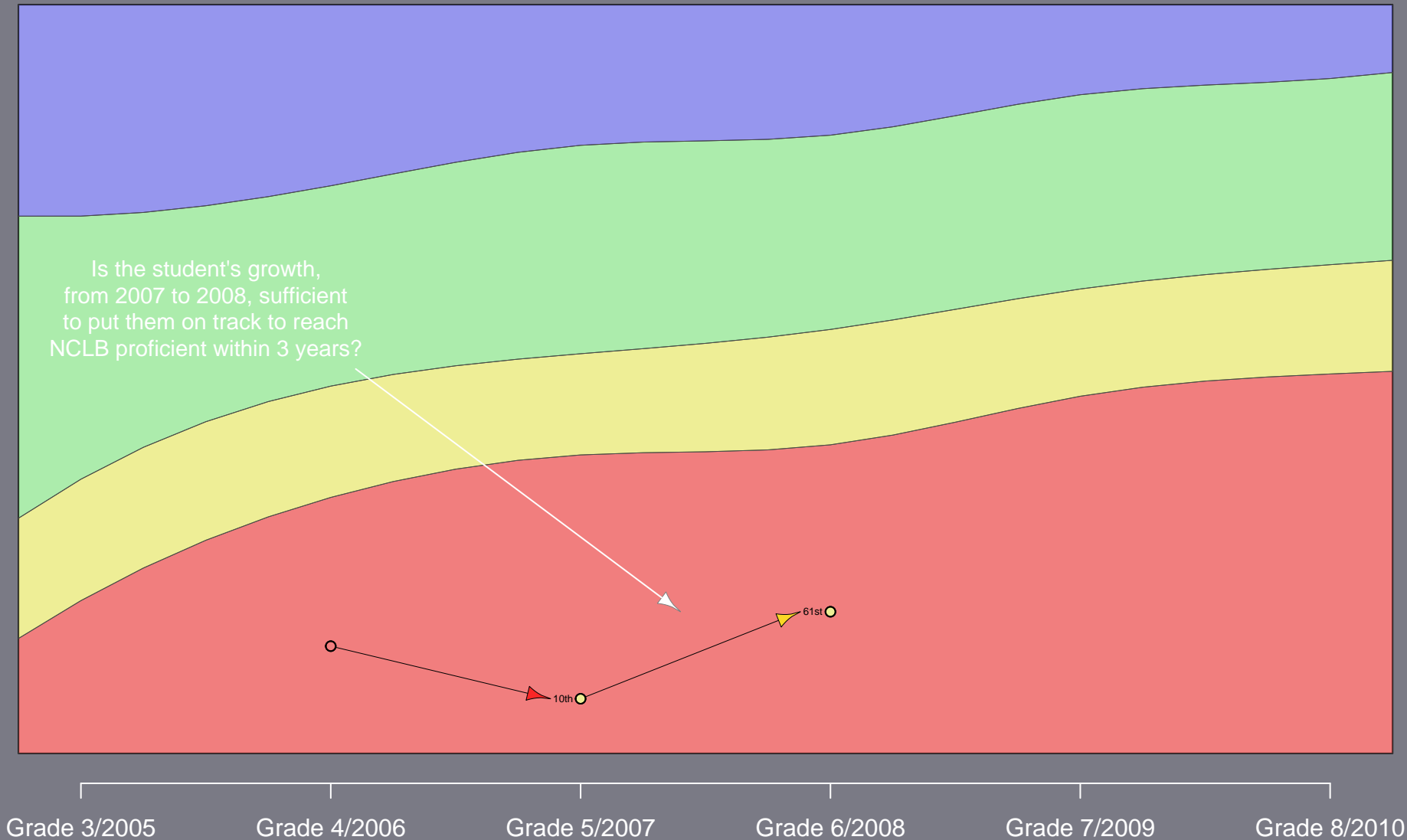
10th

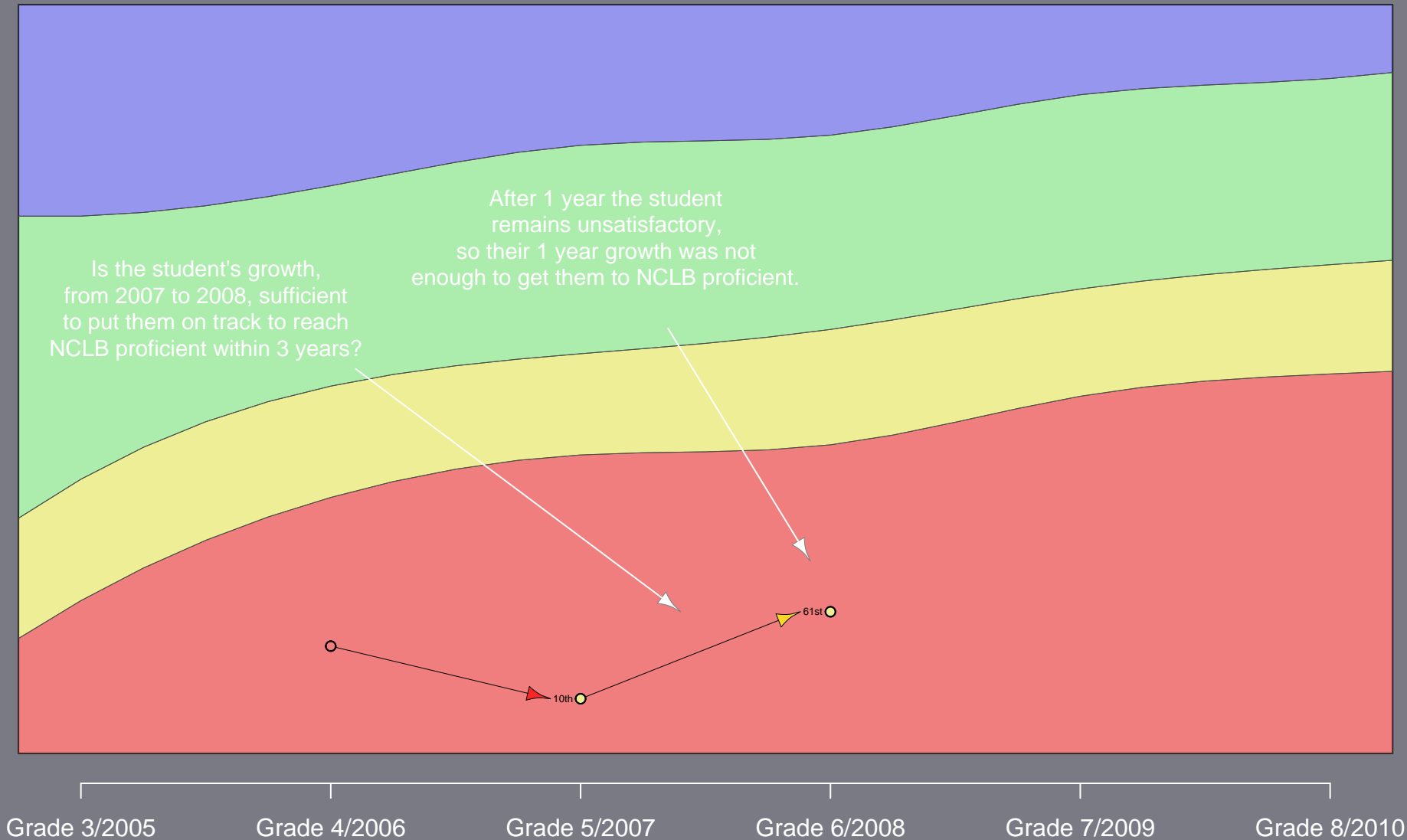
○

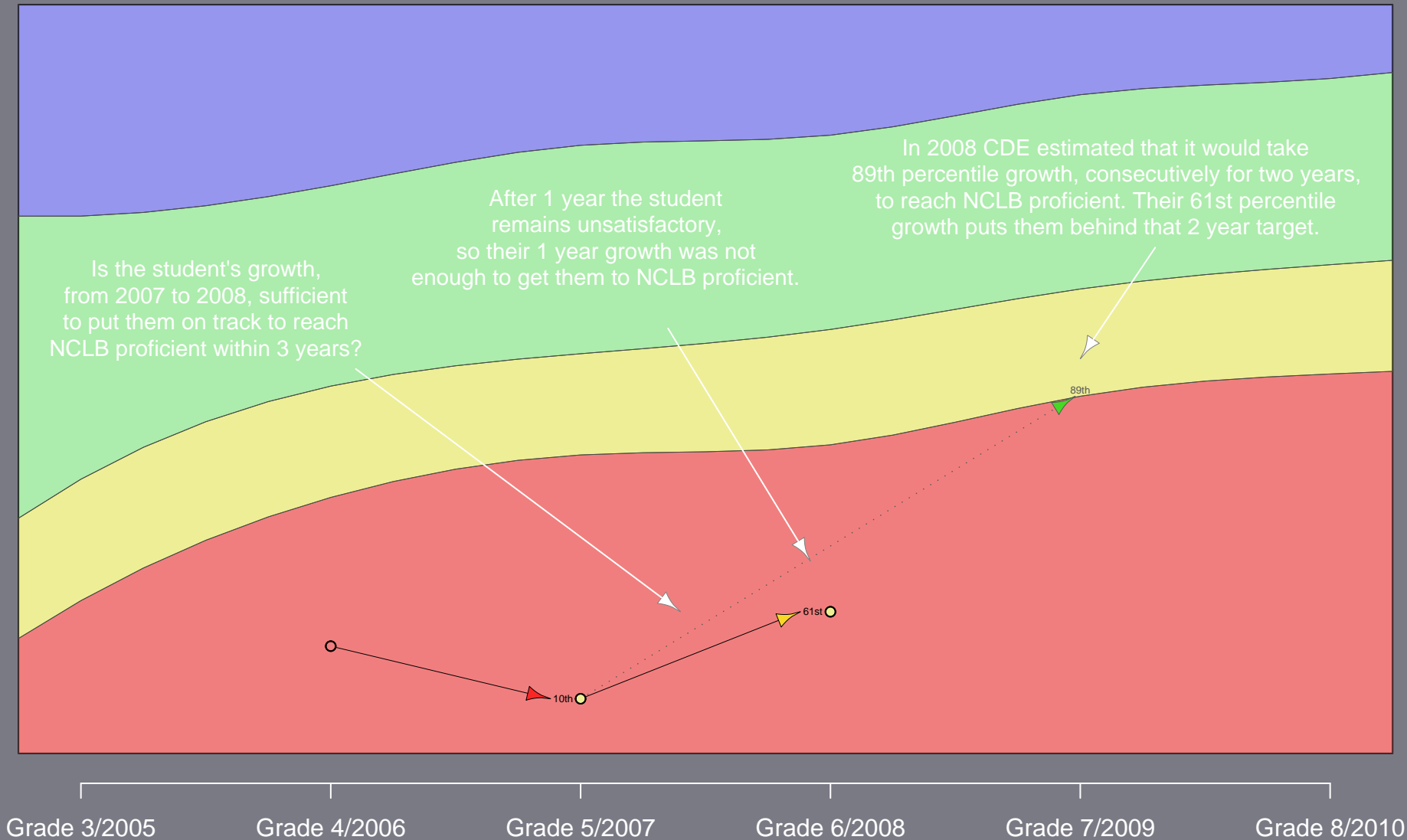
▼

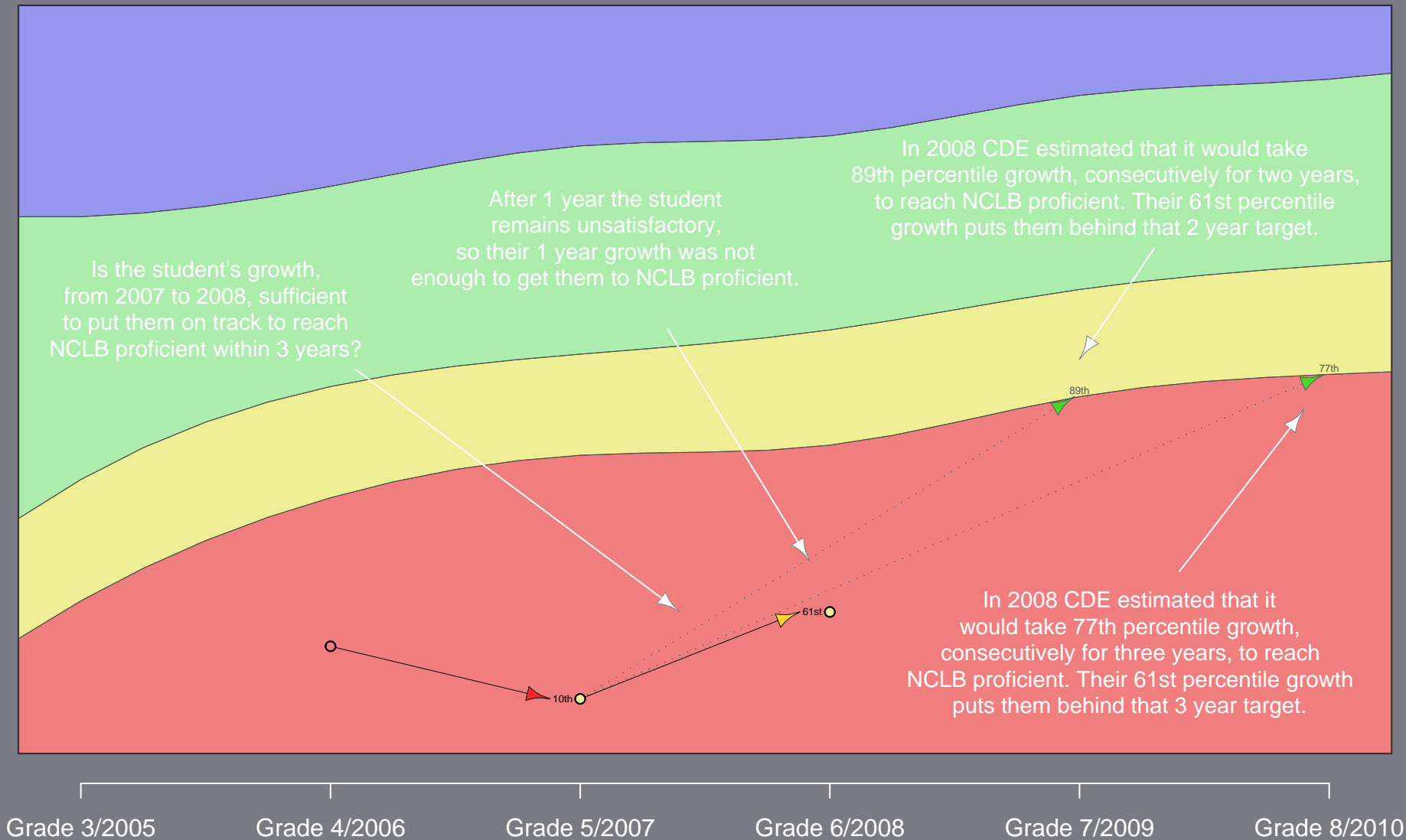
61st

○

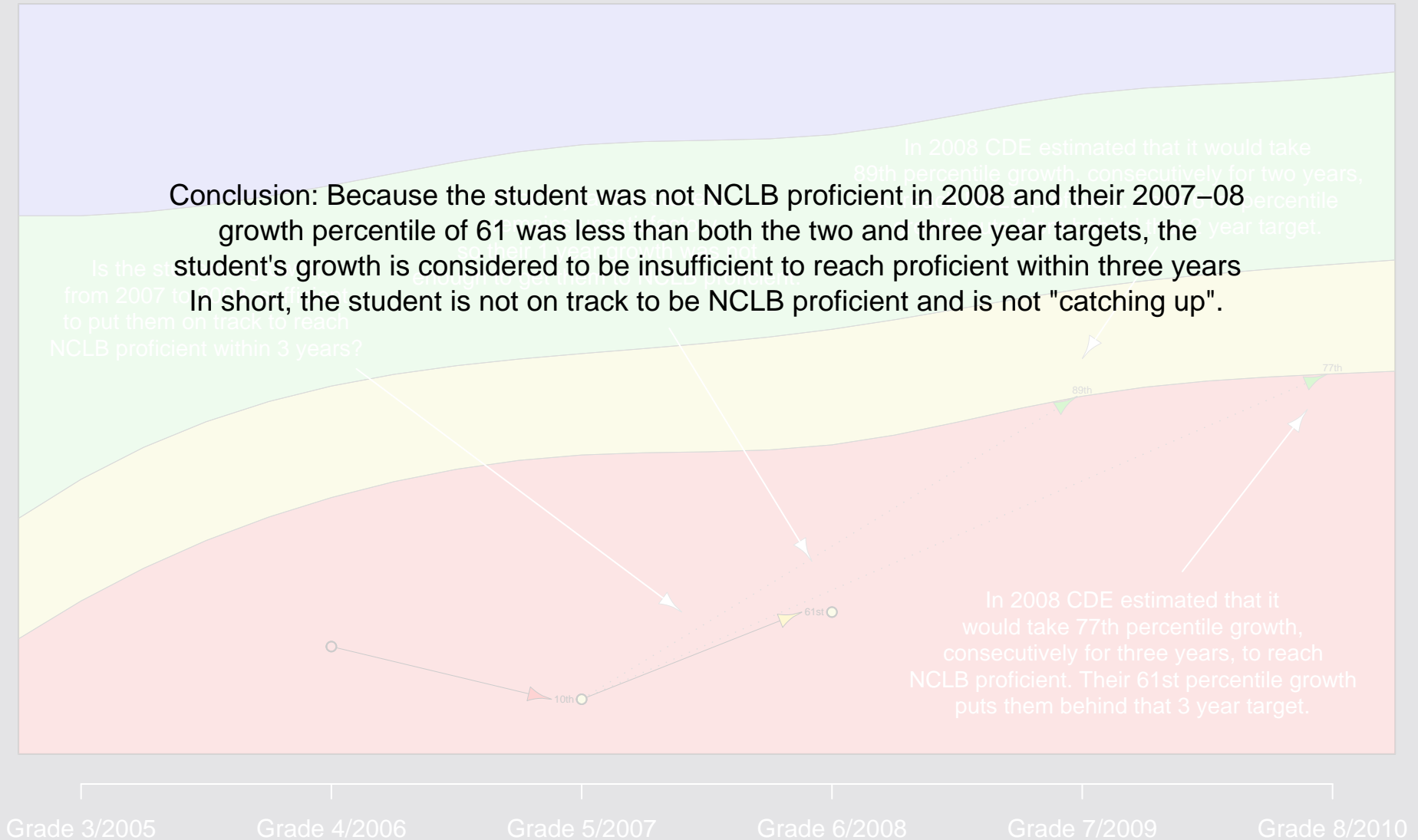








**Conclusion: Because the student was not NCLB proficient in 2008 and their 2007–08 growth percentile of 61 was less than both the two and three year targets, the student's growth is considered to be insufficient to reach proficient within three years. In short, the student is not on track to be NCLB proficient and is not "catching up".**

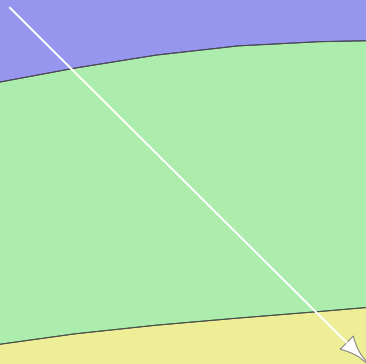


Not On Track to Remain NCLB Proficient – Not Keeping Up

Grade 3/2005      Grade 4/2006      Grade 5/2007      Grade 6/2008      Grade 7/2009      Grade 8/2010

○ → 19th ○

Is the student's growth,  
from 2007 to 2008, sufficient  
to remain at or above NCLB  
proficient for the next 3 years?



○ → 19th ○

Grade 3/2005

Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Is the student's growth,  
from 2007 to 2008, sufficient  
to remain at or above NCLB  
proficient for the next 3 years?

After 1 year the student  
remains NCLB proficient,  
so their 1 year growth was  
enough to remain at NCLB proficient.

Grade 3/2005

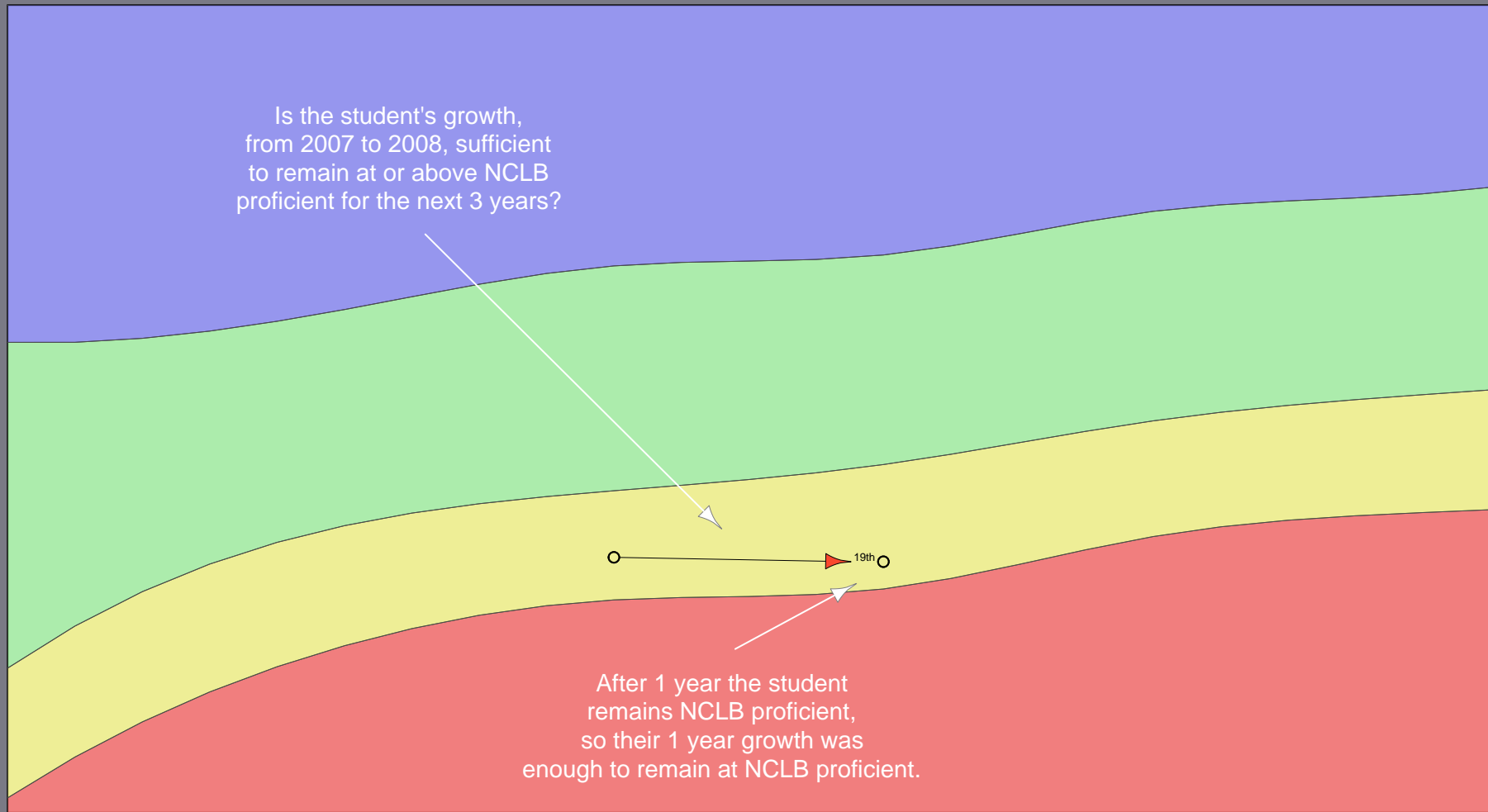
Grade 4/2006

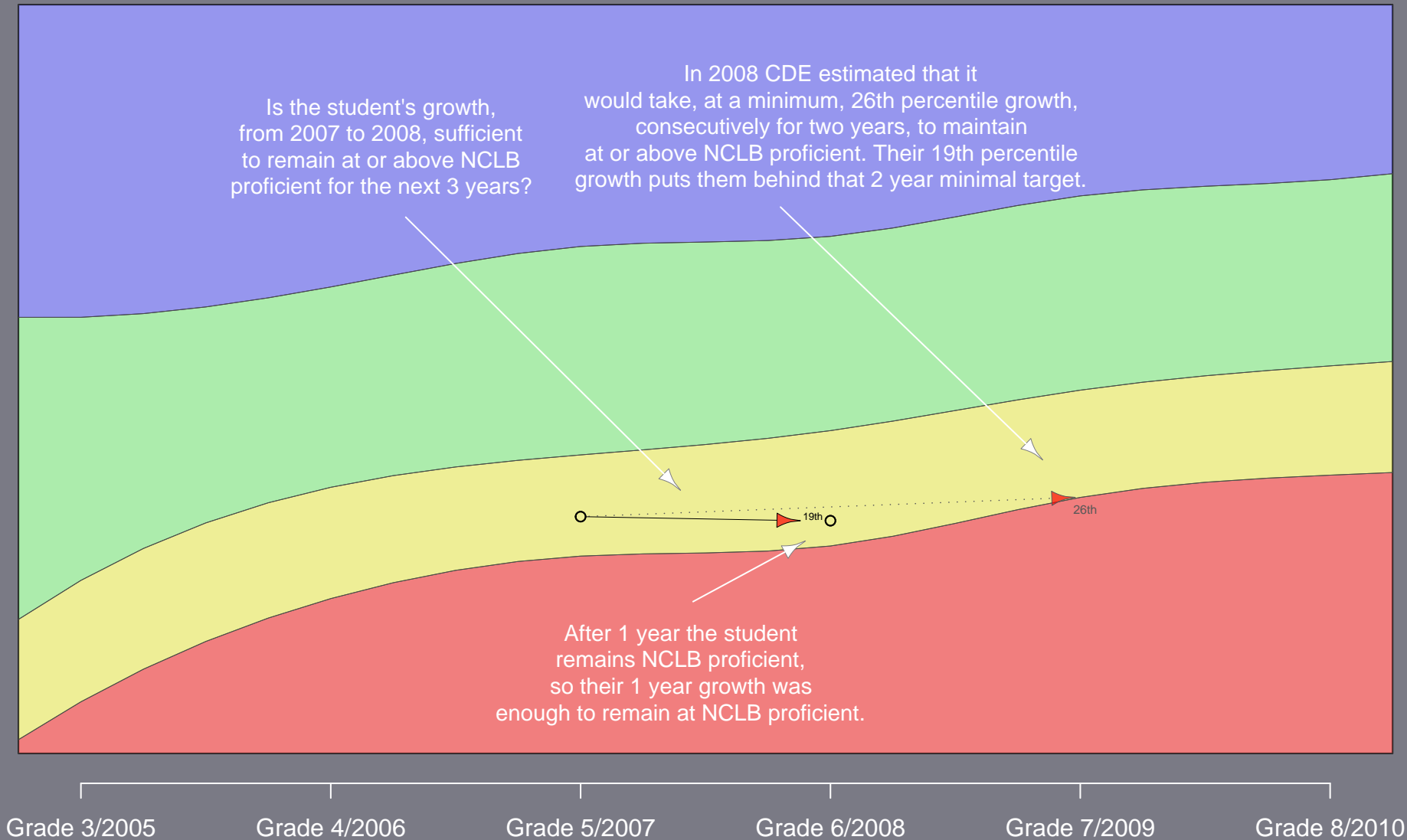
Grade 5/2007

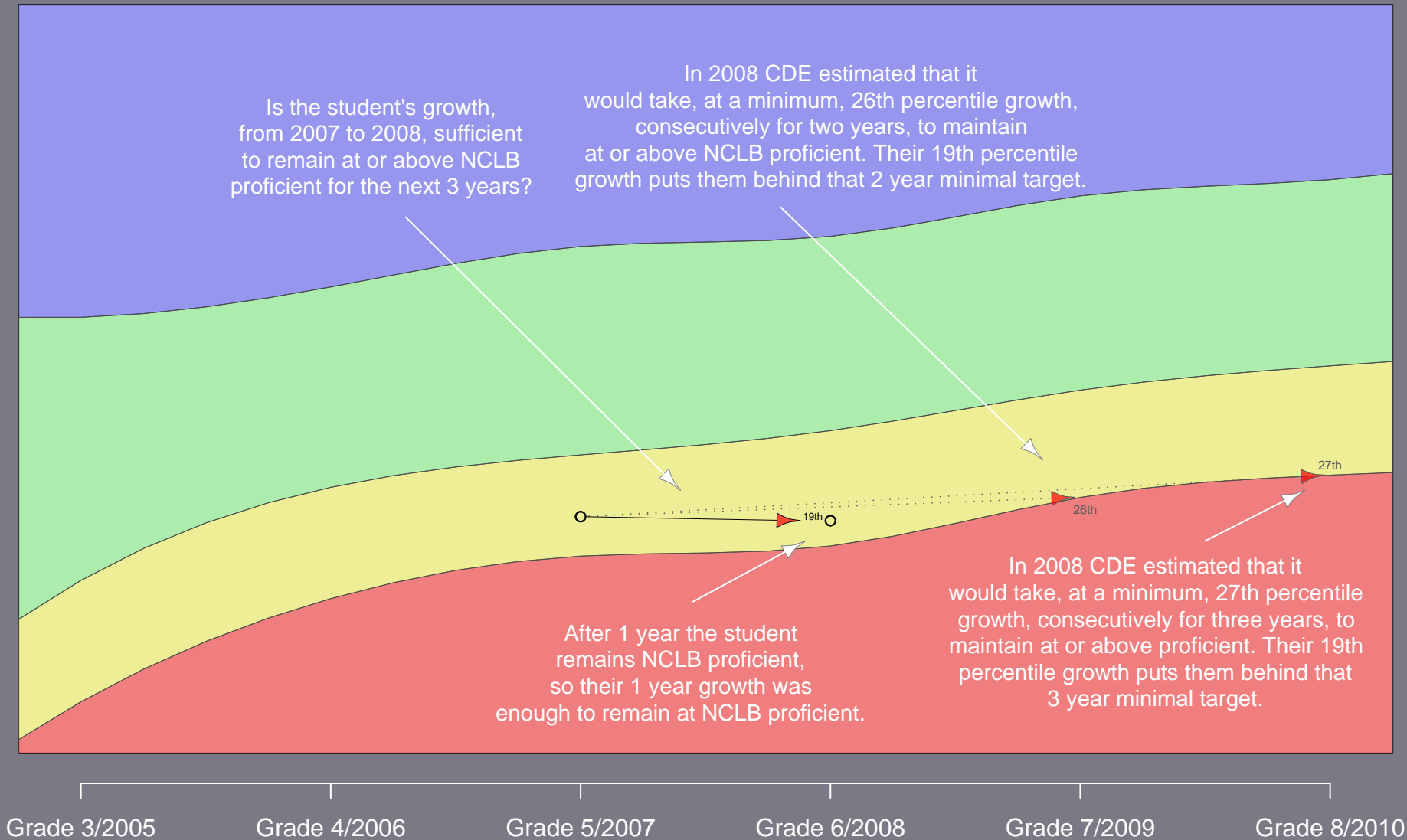
Grade 6/2008

Grade 7/2009

Grade 8/2010







Is the student's growth, from 2007 to 2008, sufficient to remain at or above NCLB proficient for the next 3 years?

In 2008 CDE estimated that it would take, at a minimum, 26th percentile growth, consecutively for two years, to maintain at or above NCLB proficient. Their 19th percentile growth puts them behind that 2 year minimal target.

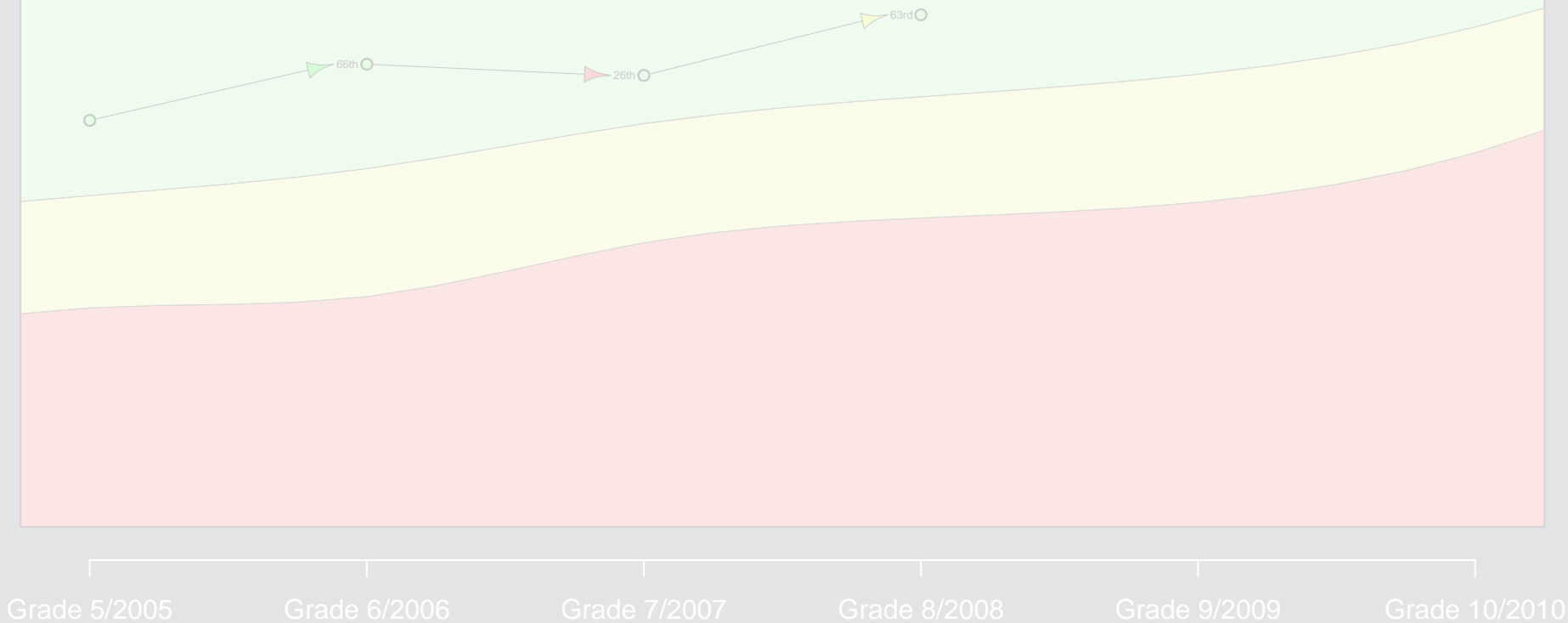
**Conclusion:** Even though the student was NCLB proficient in 2008, their 2007–08 growth percentile of 19 was less than both the two and three year minimum targets. As such, the student's growth is considered to be insufficient to remain NCLB proficient over the next three years. In short, the student is not on track to remain NCLB proficient and is not "keeping up".

After 1 year the student remains NCLB proficient, so their 1 year growth was enough to remain at NCLB proficient.

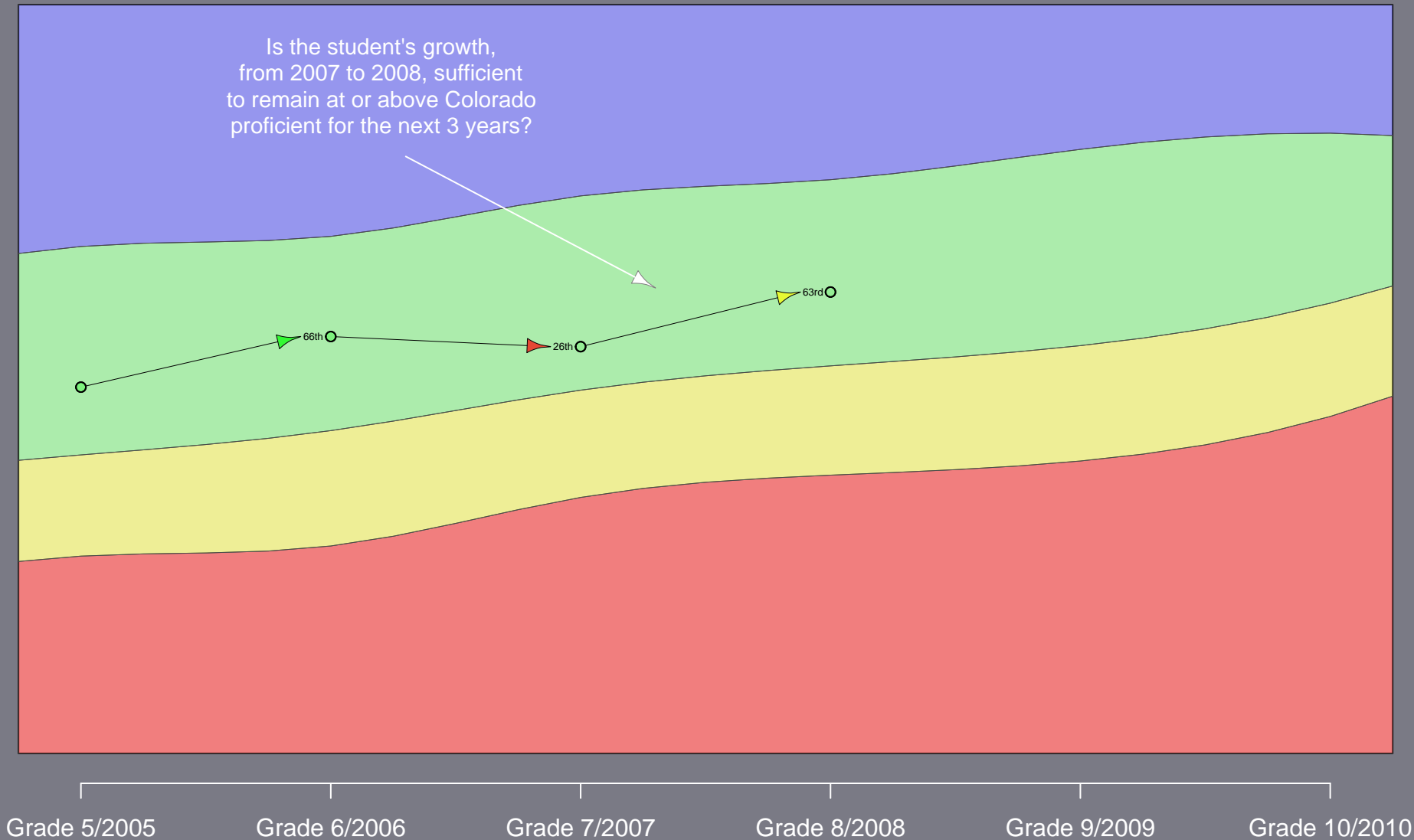
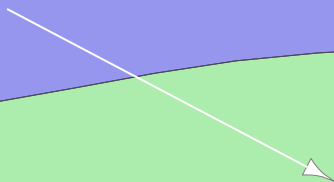
In 2008 CDE estimated that it would take, at a minimum, 27th percentile growth, consecutively for three years, to maintain at or above proficient. Their 19th percentile growth puts them behind that 3 year minimal target.

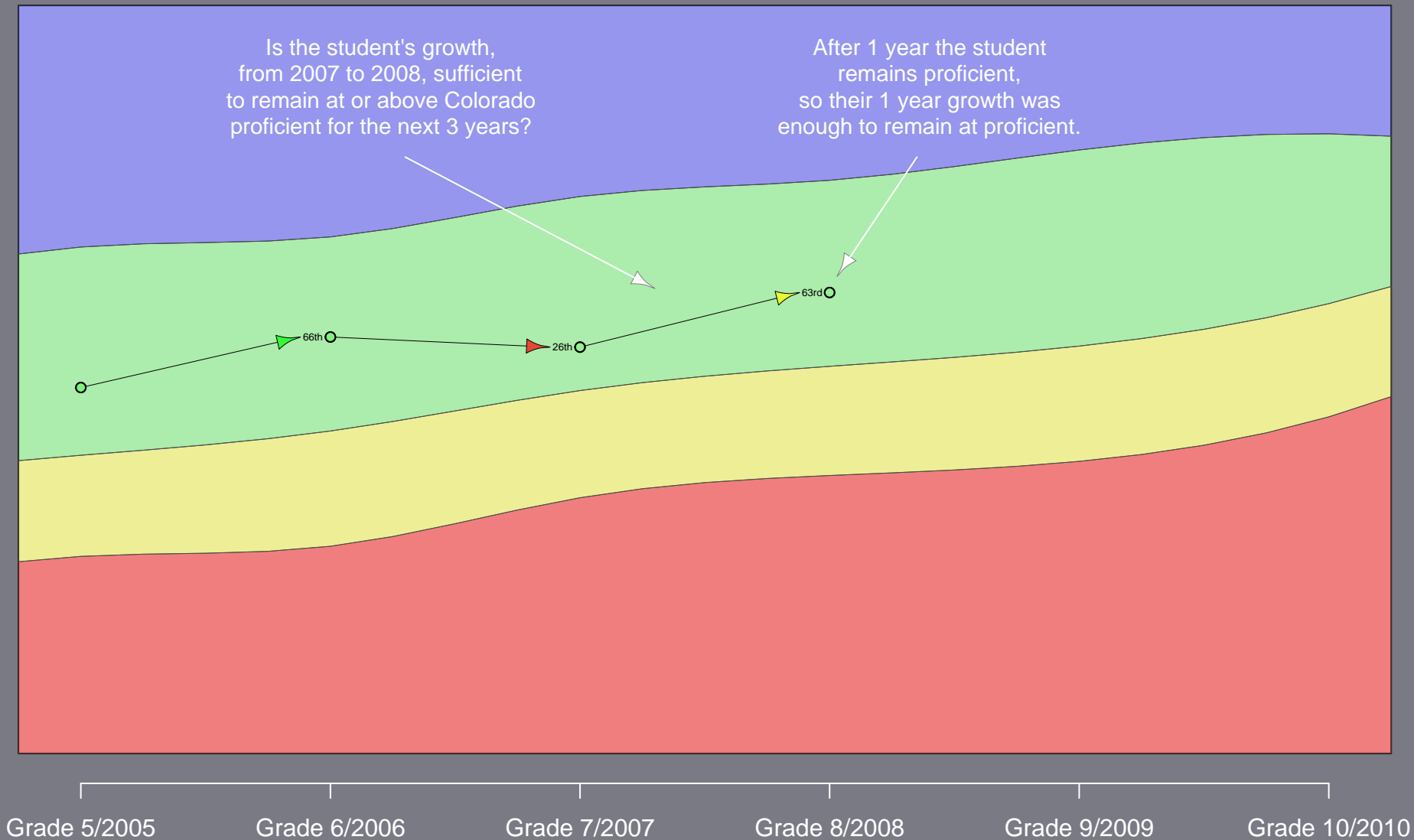


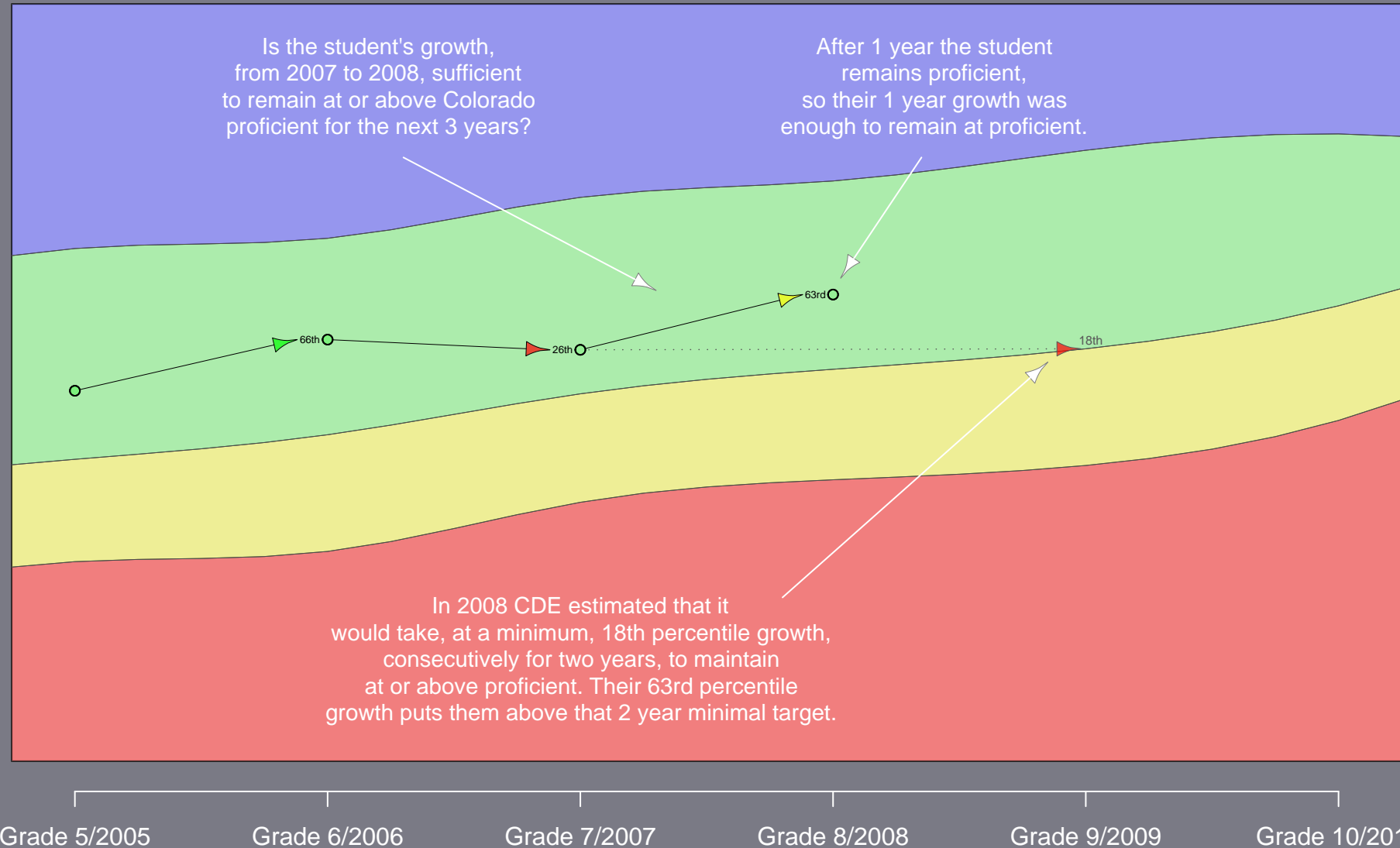
## On Track to Remain Colorado Proficient – Keeping Up



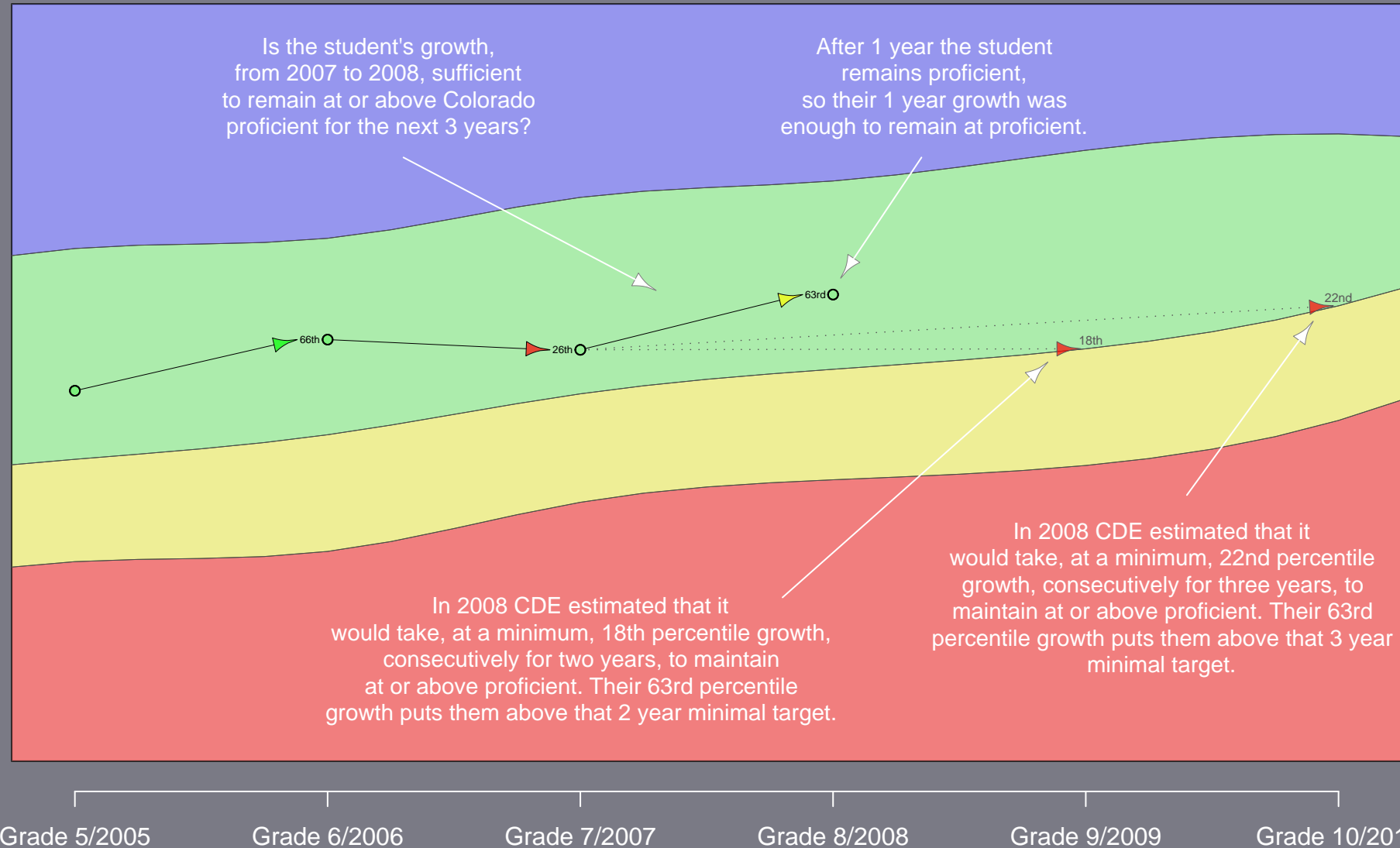
Is the student's growth,  
from 2007 to 2008, sufficient  
to remain at or above Colorado  
proficient for the next 3 years?











Is the student's growth,  
from 2007 to 2008, sufficient  
to remain at or above Colorado  
proficient for the next 3 years?

After 1 year the student  
remains proficient,  
so their 1 year growth was  
enough to remain at proficient.

**Conclusion:** Because the student was Colorado proficient in 2008 and their 2007–08 growth percentile of 63 was greater than both the two and three year minimum targets, the student's growth is considered to be sufficient to remain proficient during the next three years. In short, the student is on track to remain Colorado proficient and is "keeping up".

In 2008 CDE estimated that it  
would take, at a minimum, 18th percentile growth,  
consecutively for two years, to maintain  
at or above proficient. Their 63rd percentile  
growth puts them above that 2 year minimal target.

In 2008 CDE estimated that it  
would take, at a minimum, 22nd percentile  
growth, consecutively for three years, to  
maintain at or above proficient. Their 63rd  
percentile growth puts them above that 3 year  
minimal target.

Grade 5/2005

Grade 6/2006

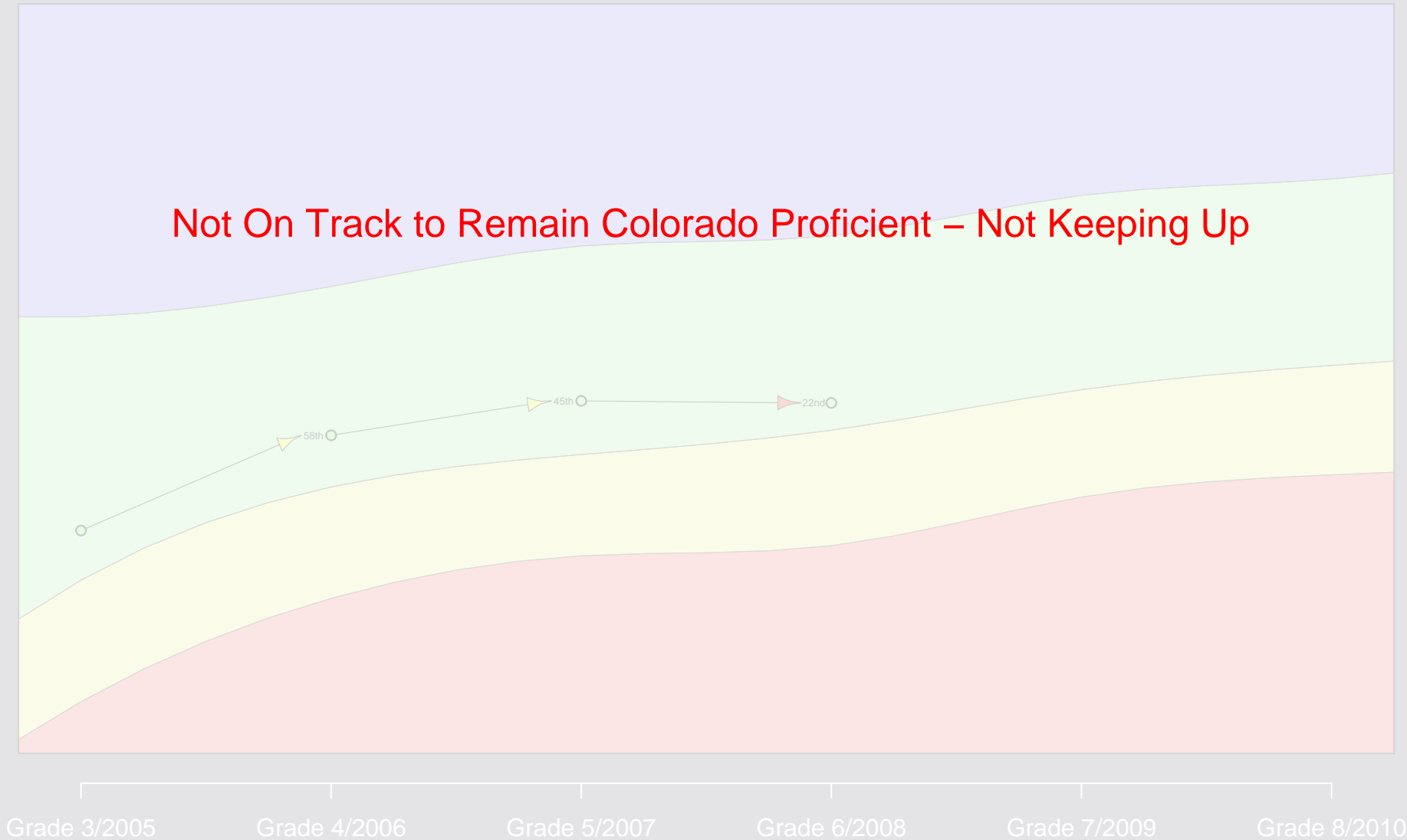
Grade 7/2007

Grade 8/2008

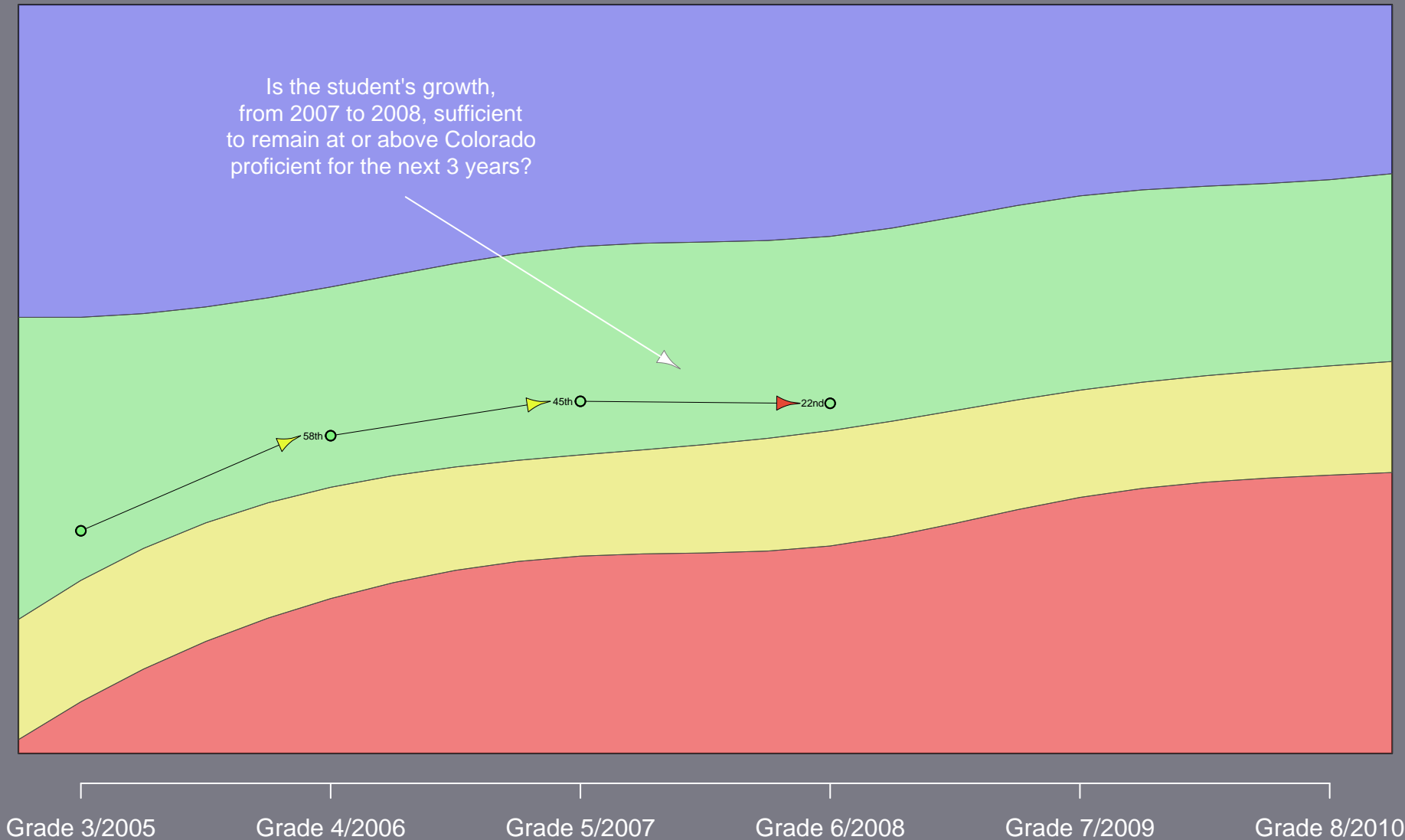
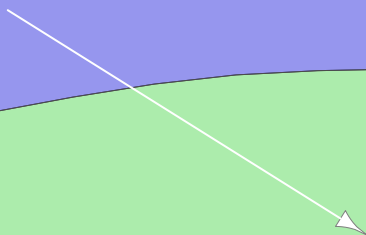
Grade 9/2009

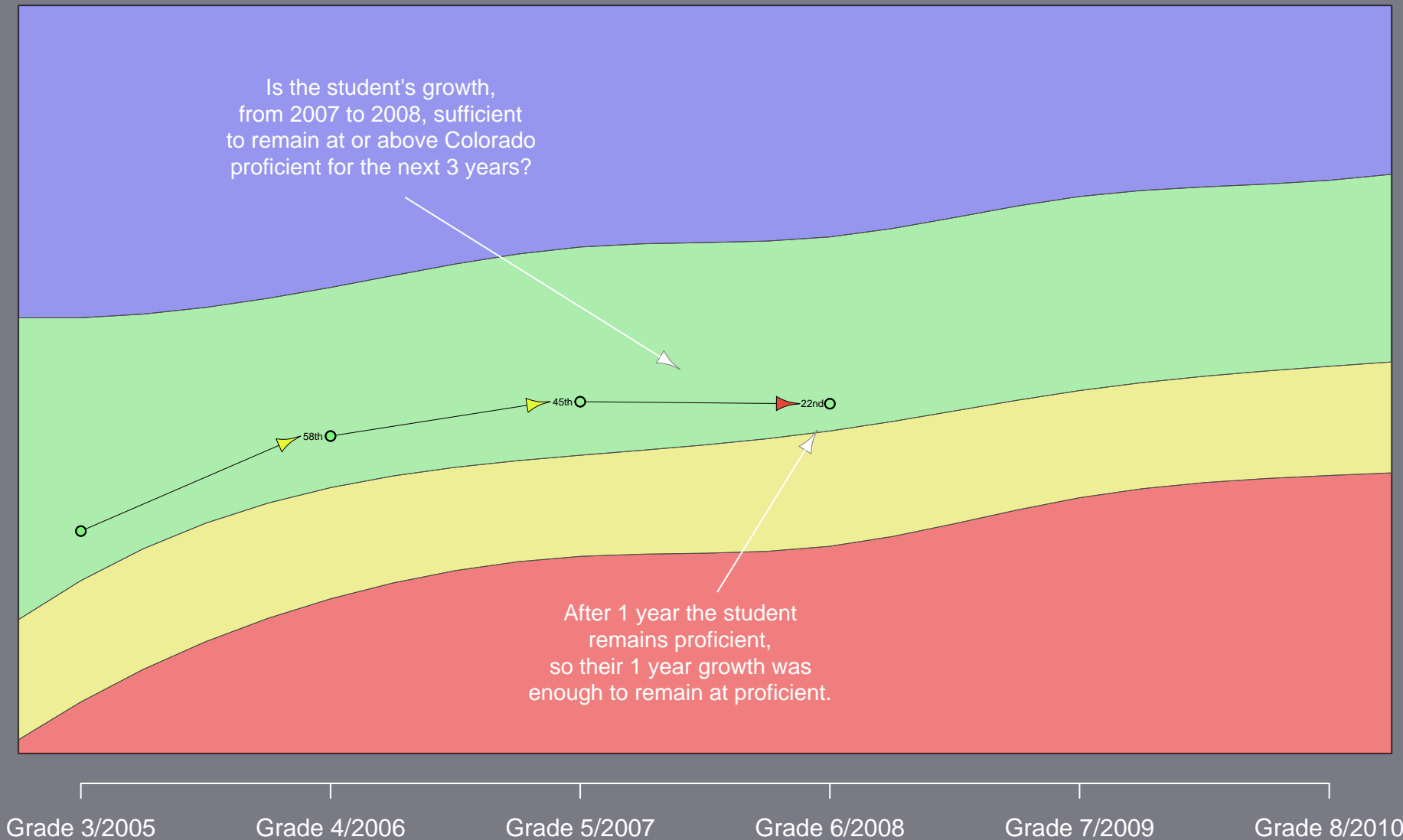
Grade 10/2010

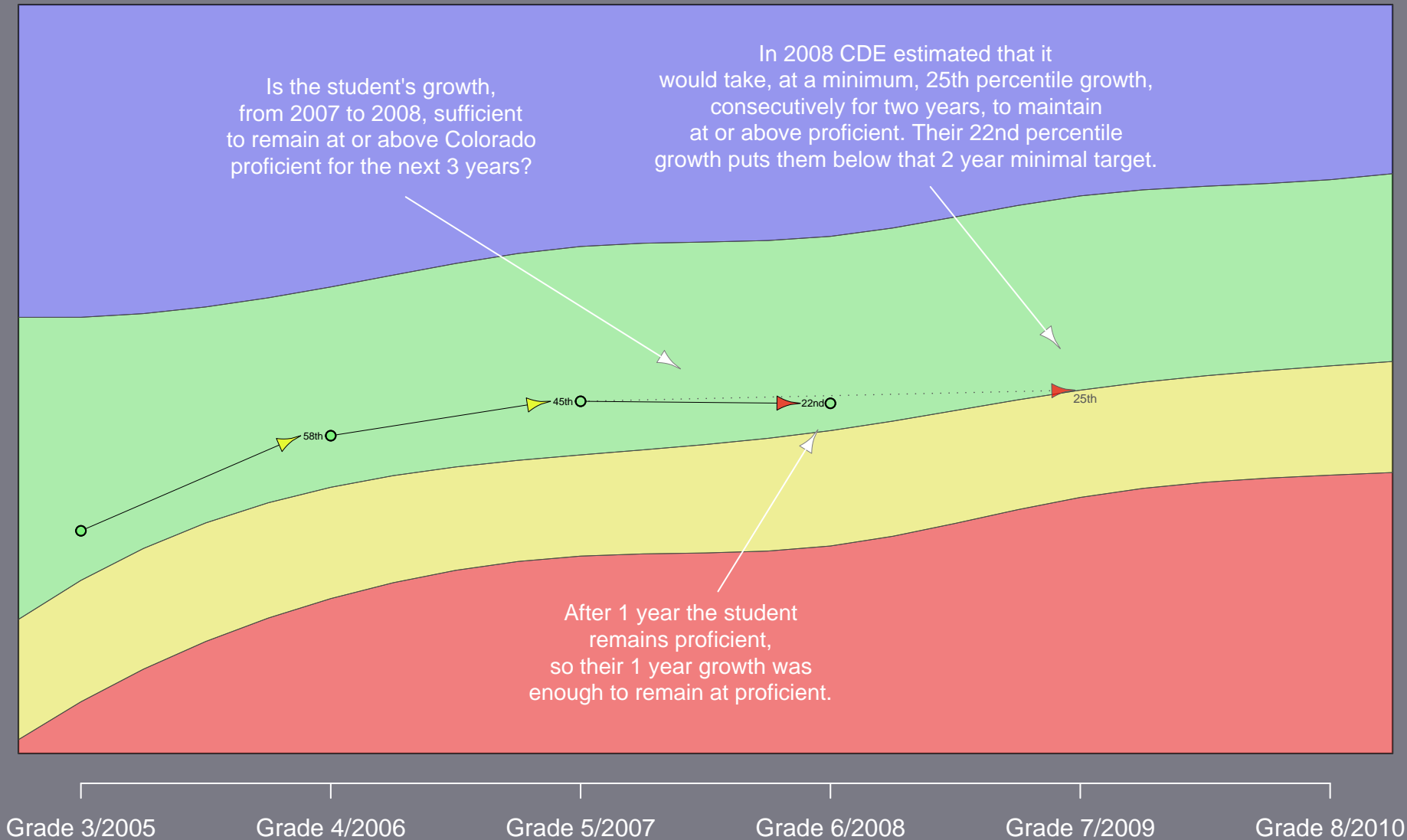
## Not On Track to Remain Colorado Proficient – Not Keeping Up

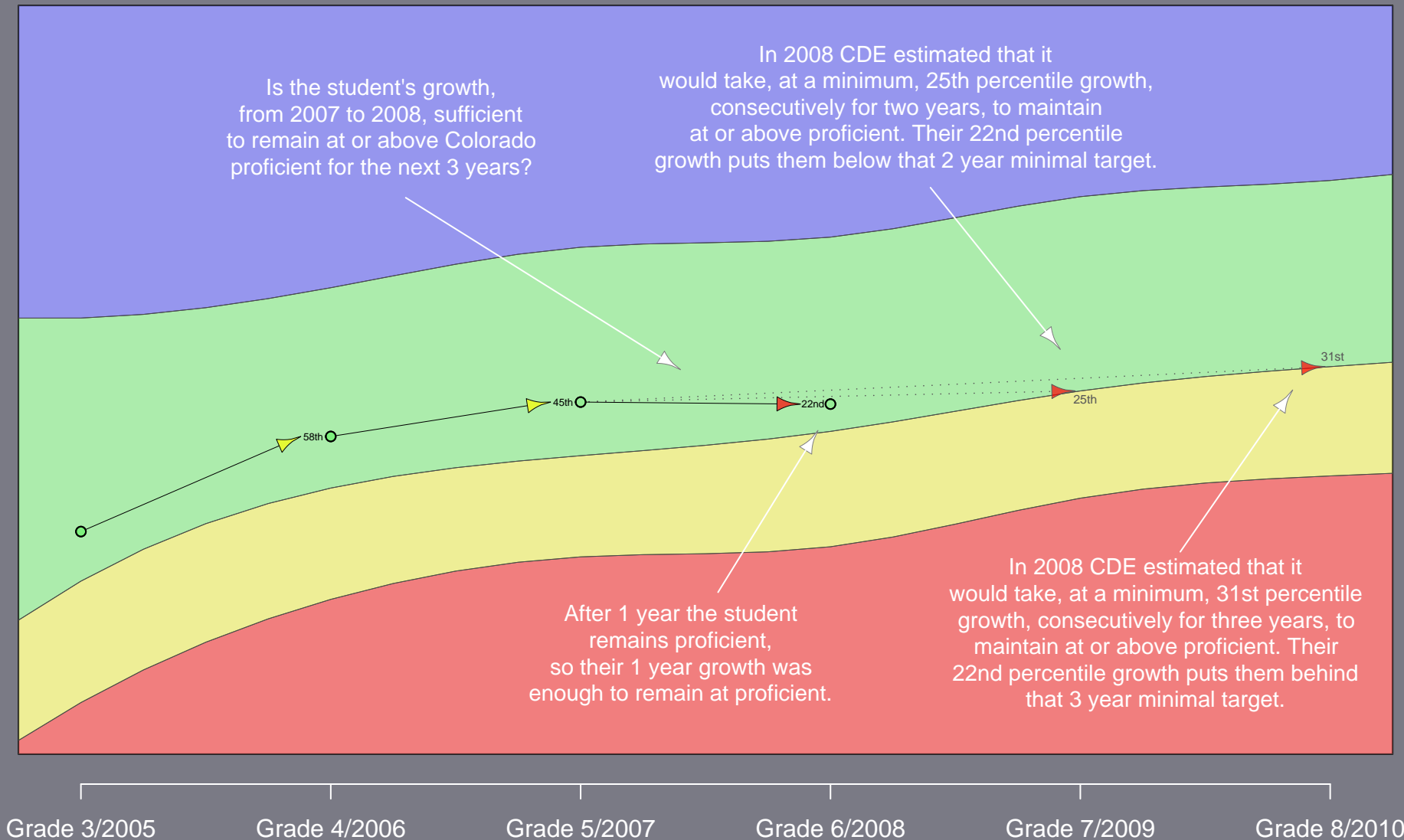


Is the student's growth,  
from 2007 to 2008, sufficient  
to remain at or above Colorado  
proficient for the next 3 years?









Is the student's growth,  
from 2007 to 2008, sufficient  
to remain at or above  
proficient for the next 3 years?

In 2008 CDE estimated that it  
would take, at a minimum, 25th percentile growth,  
consecutively for two years, to maintain  
at or above proficient. Their 22nd percentile  
growth puts them below that 2 year minimal target.

**Conclusion:** Even though the student was proficient in 2008, their 2007–08  
growth percentile of 22 was less than both the two and three year minimum targets. As such, the  
student's growth is considered to be insufficient to remain Colorado proficient over the next three years.  
In short, the student is not on track to remain Colorado proficient and is not "keeping up".

