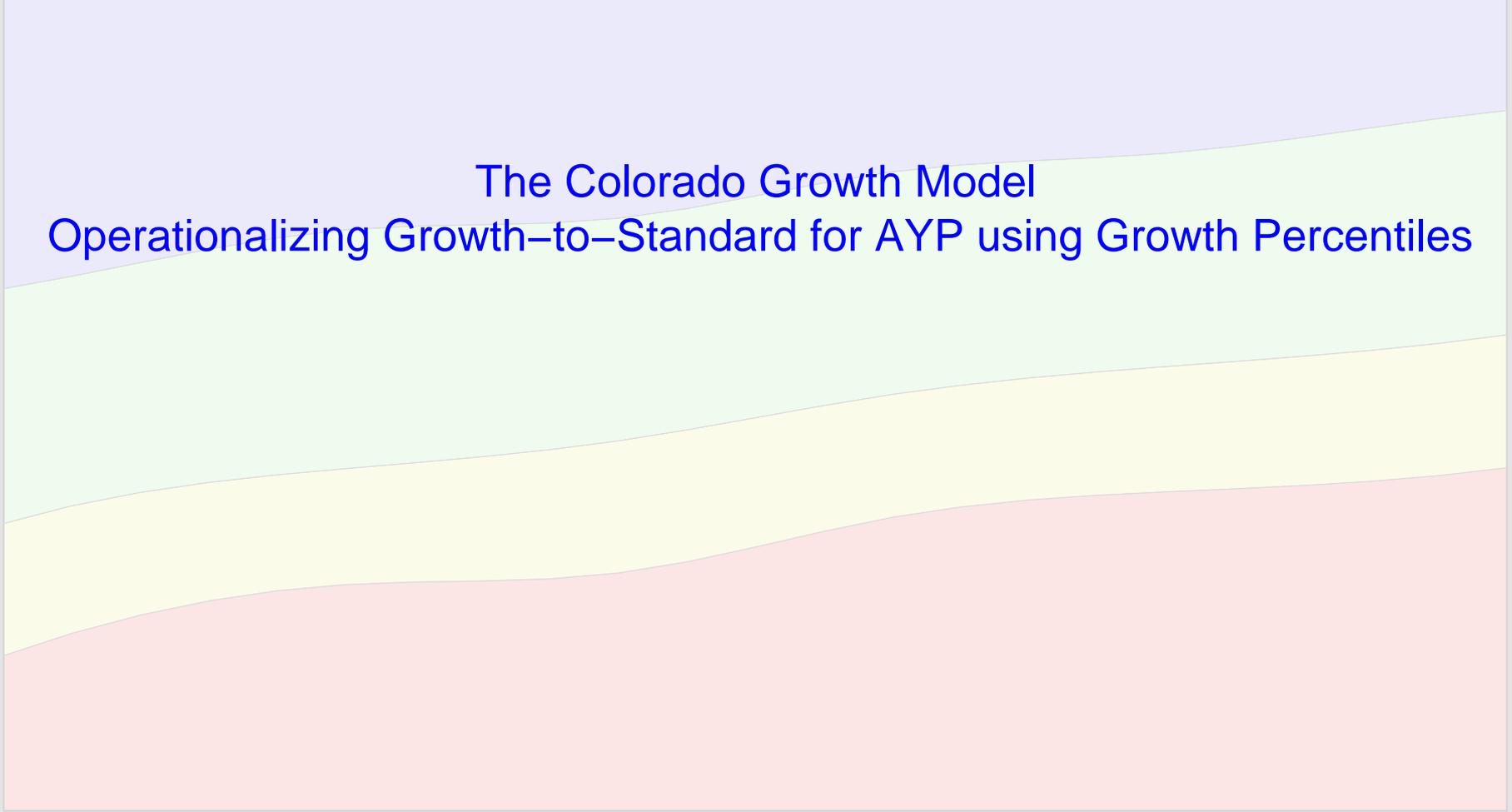


The Colorado Growth Model

Operationalizing Growth-to-Standard for AYP using Growth Percentiles



Grade 4/2005

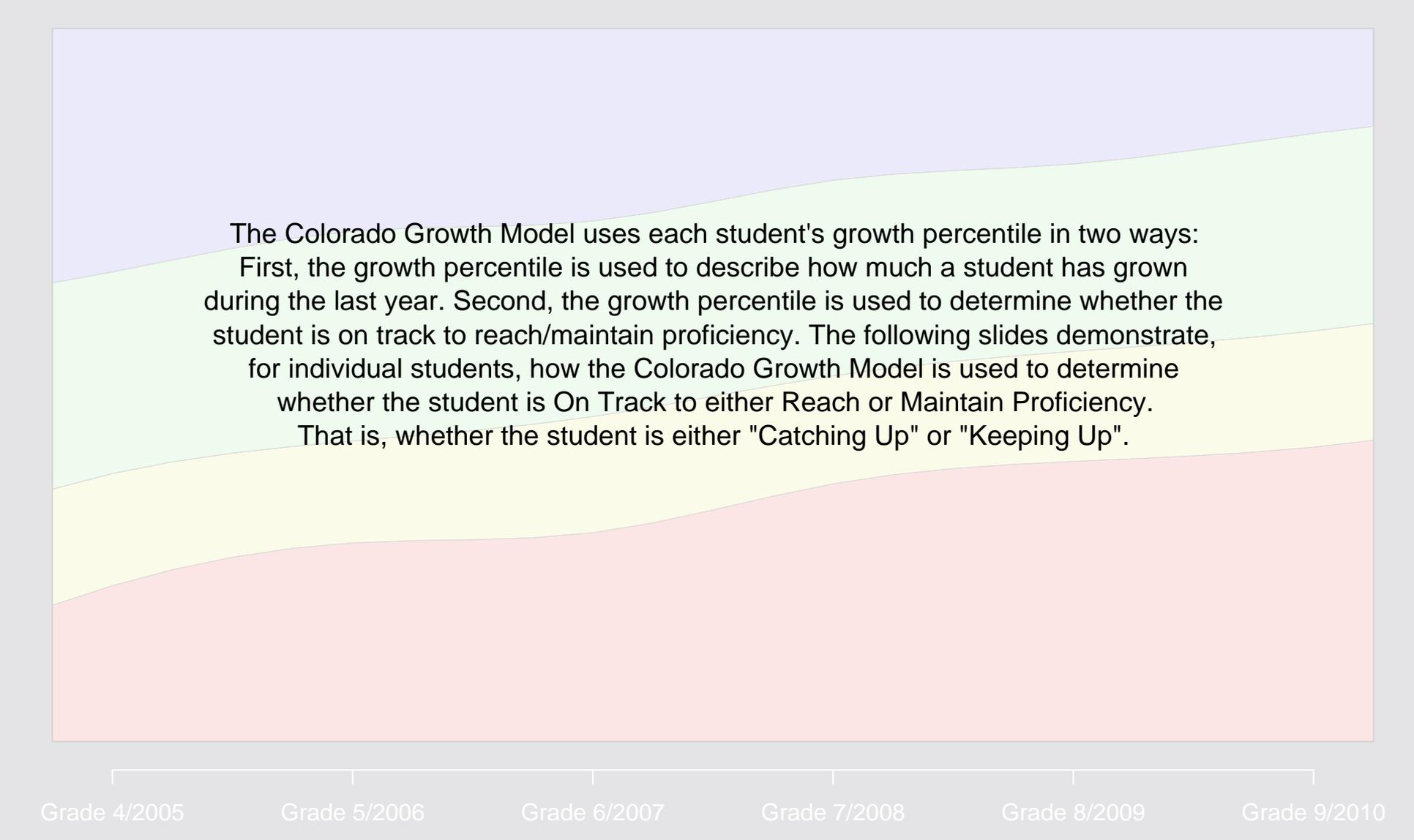
Grade 5/2006

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

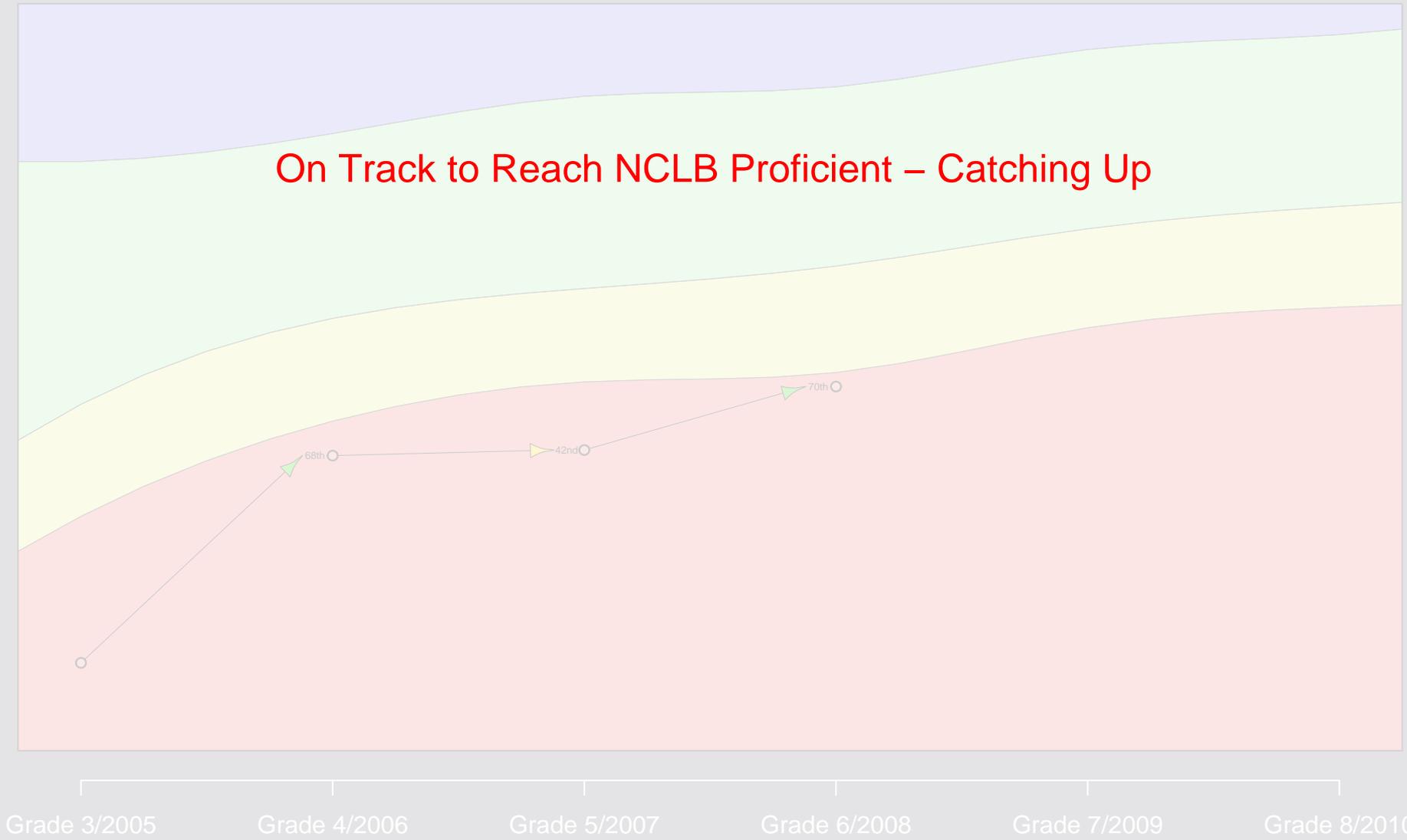
Grade 6/2007

Grade 7/2008

Grade 8/2009

Grade 9/2010

On Track to Reach NCLB Proficient – Catching Up



Grade 3/2005

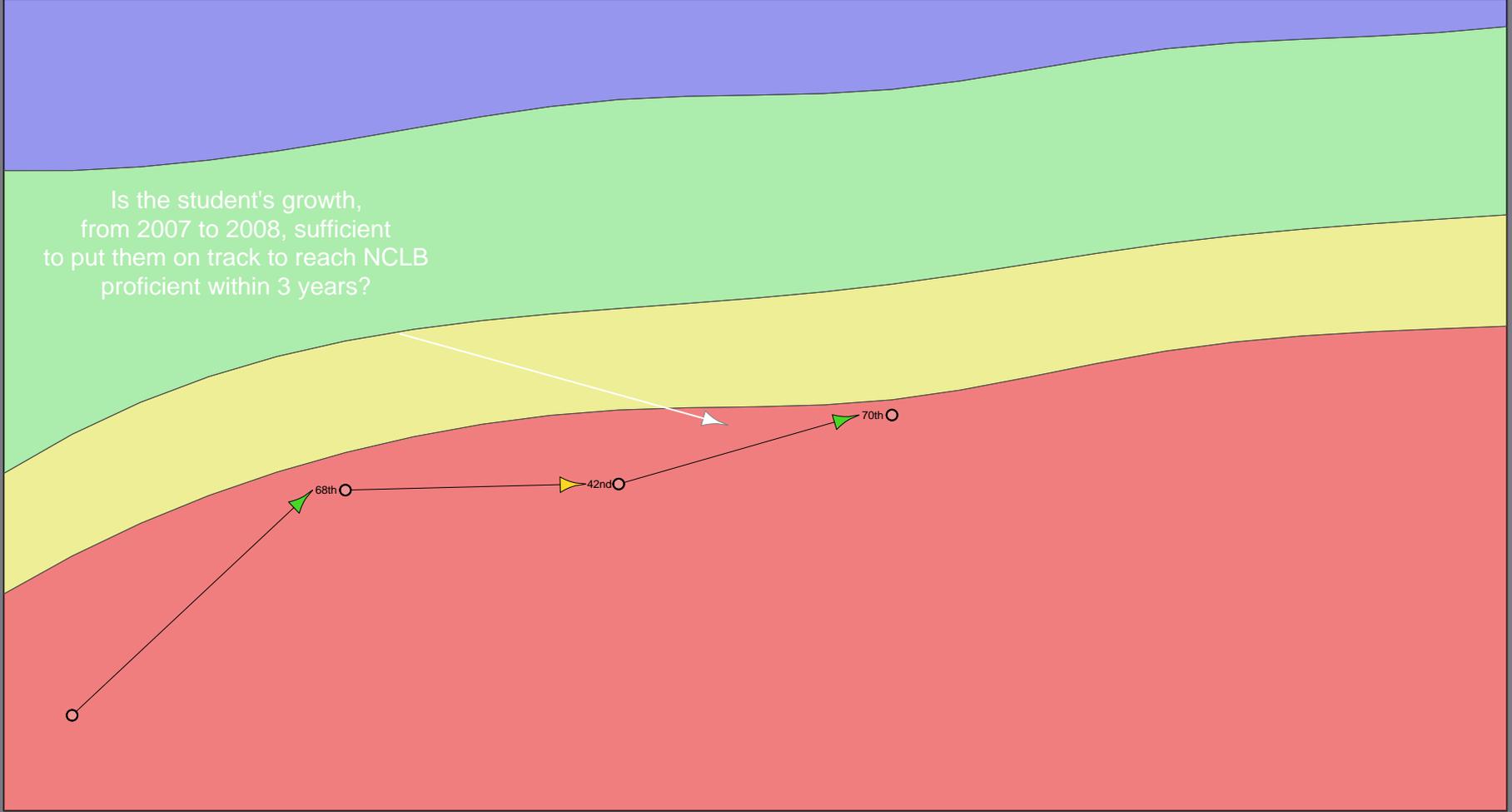
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

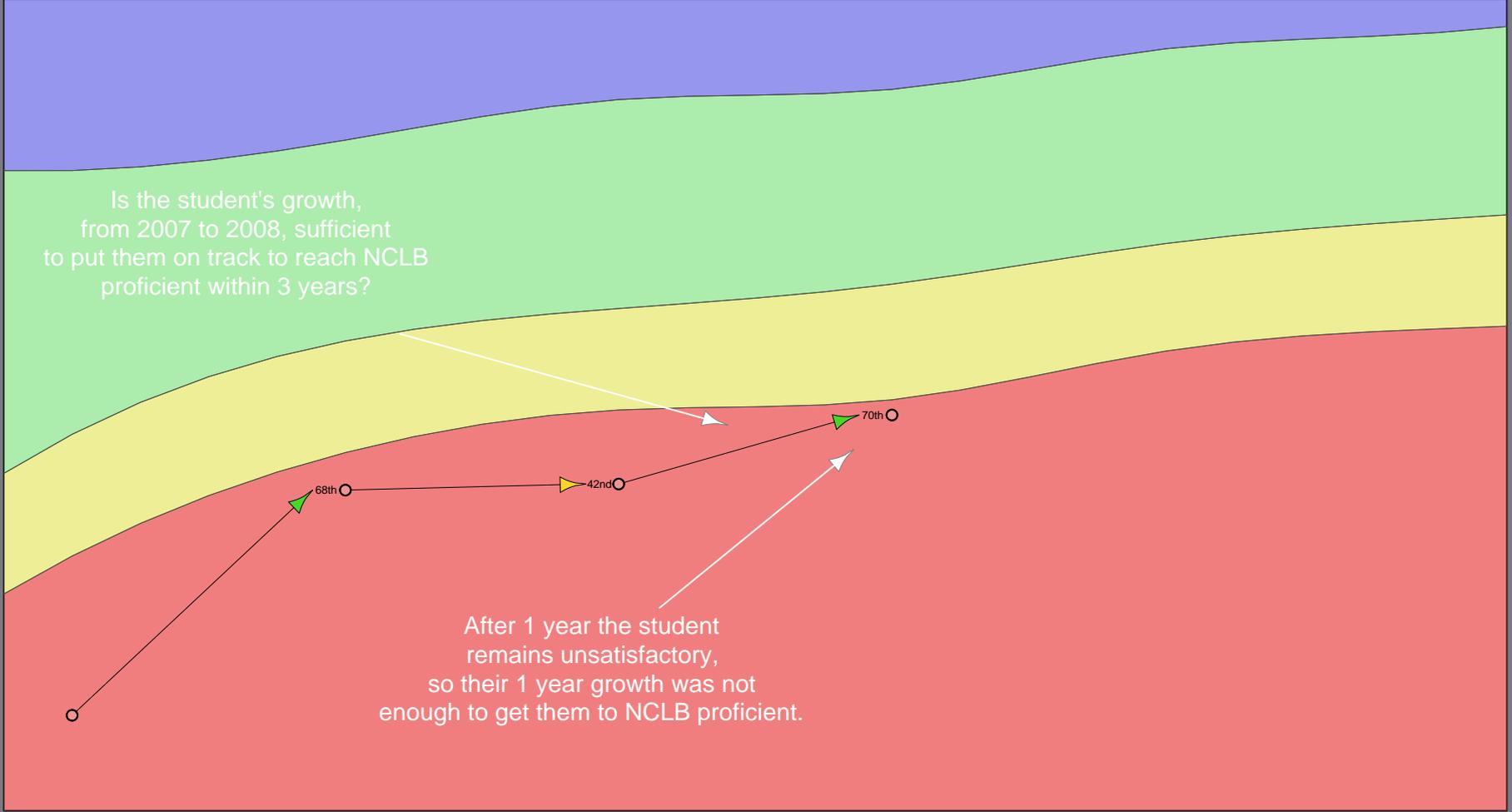
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

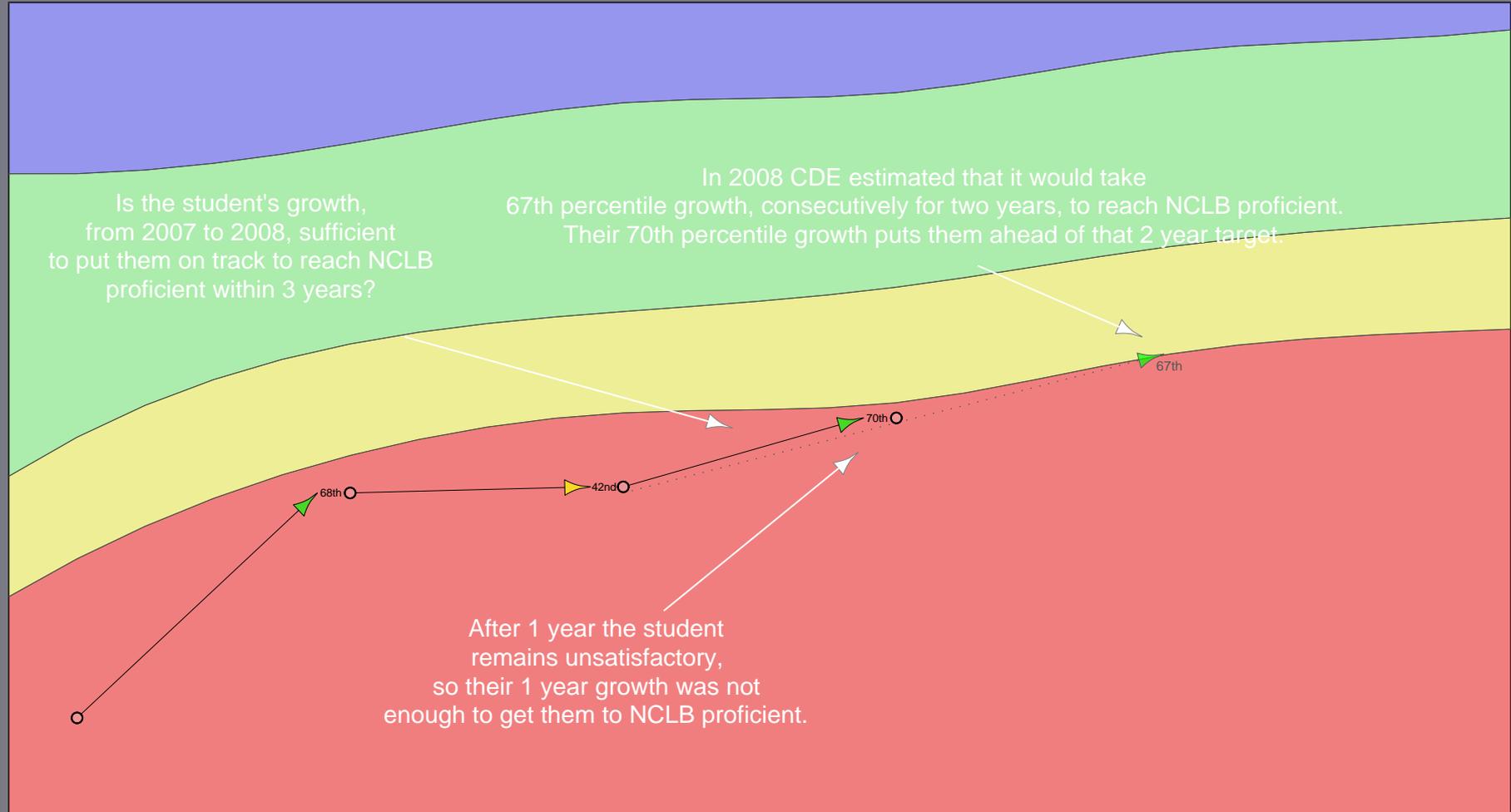
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

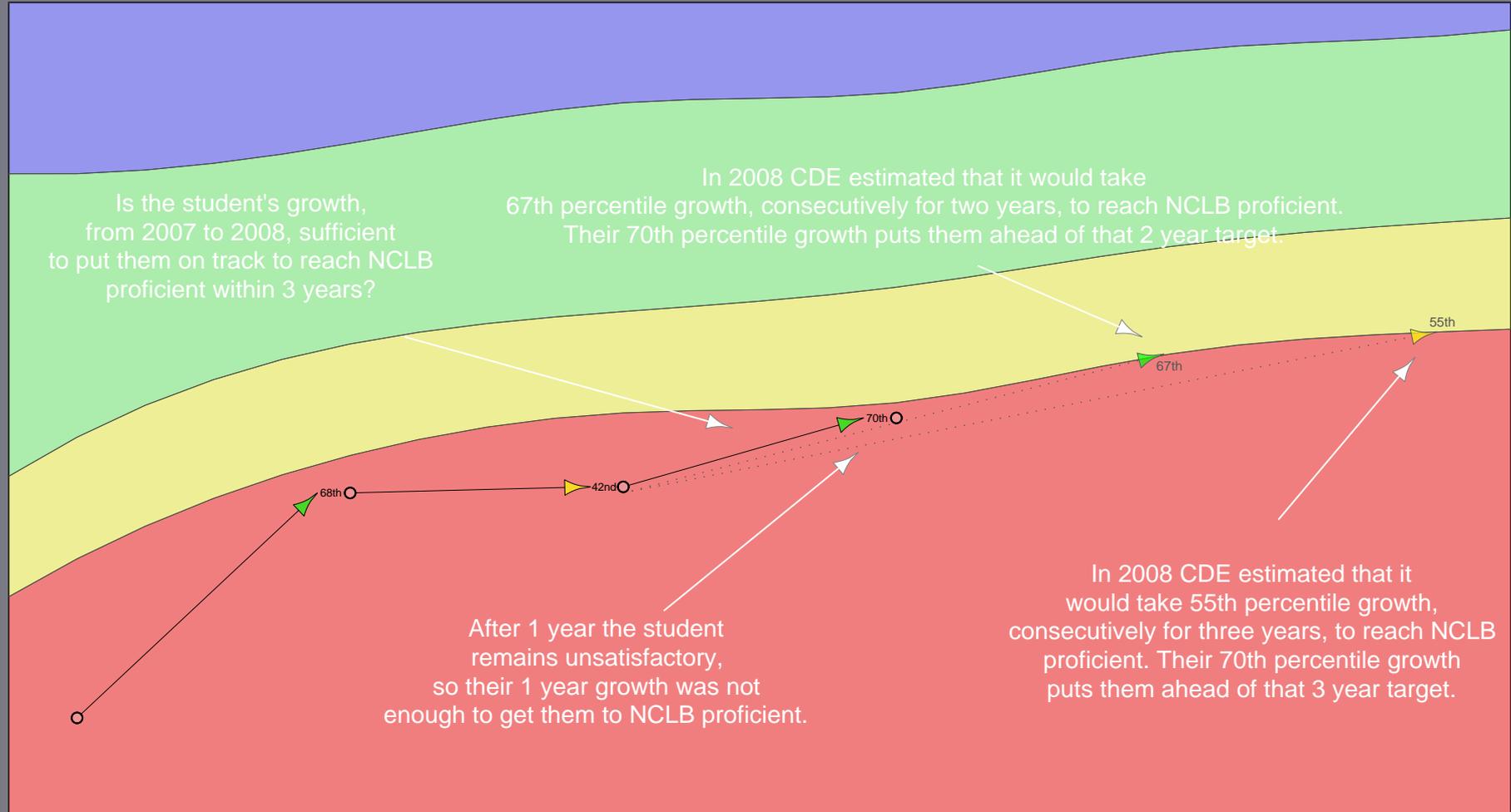
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

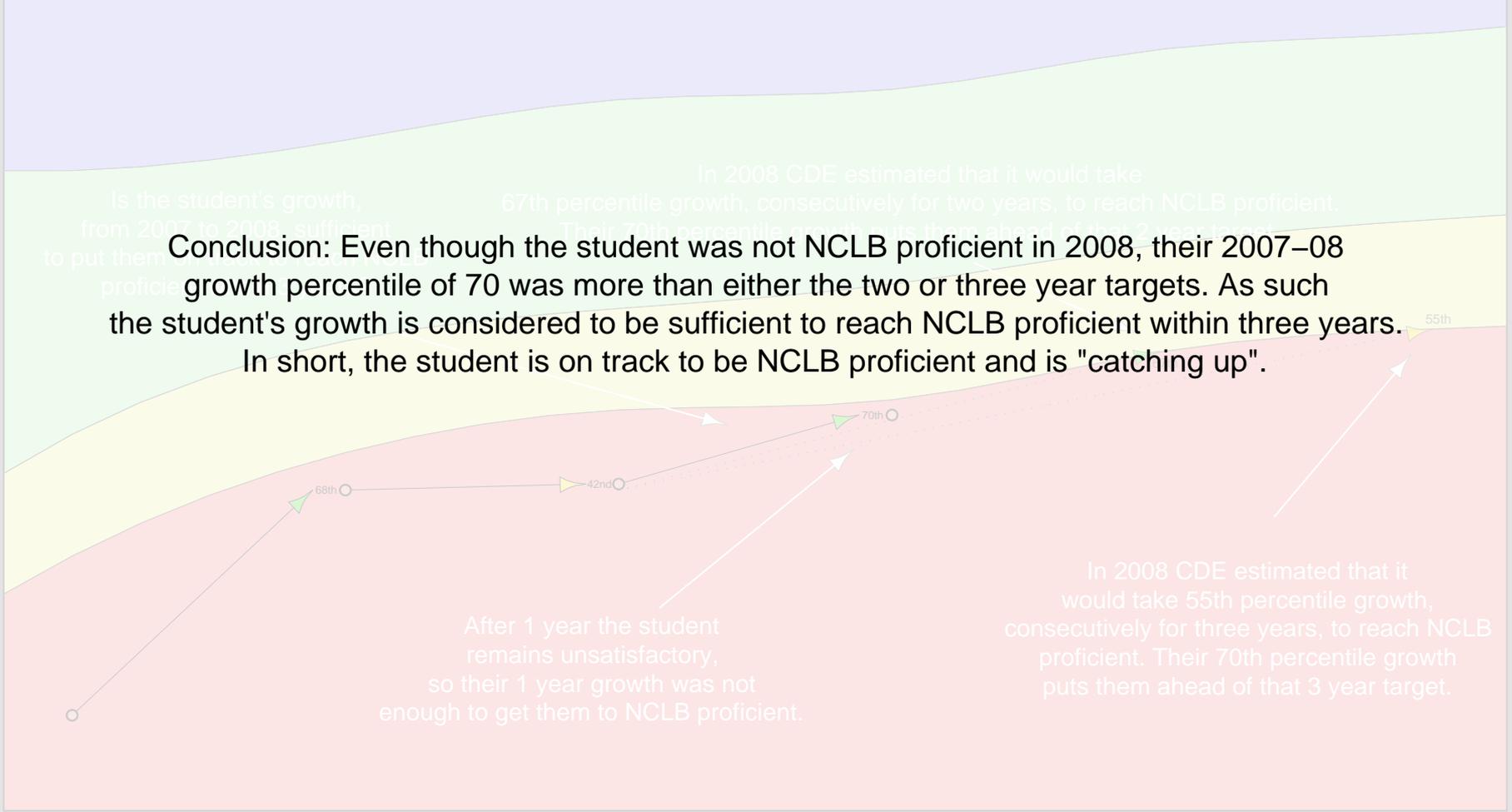
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010

Conclusion: Even though the student was not NCLB proficient in 2008, their 2007–08 growth percentile of 70 was more than either the two or three year targets. As such the student's growth is considered to be sufficient to reach NCLB proficient within three years. In short, the student is on track to be NCLB proficient and is "catching up".

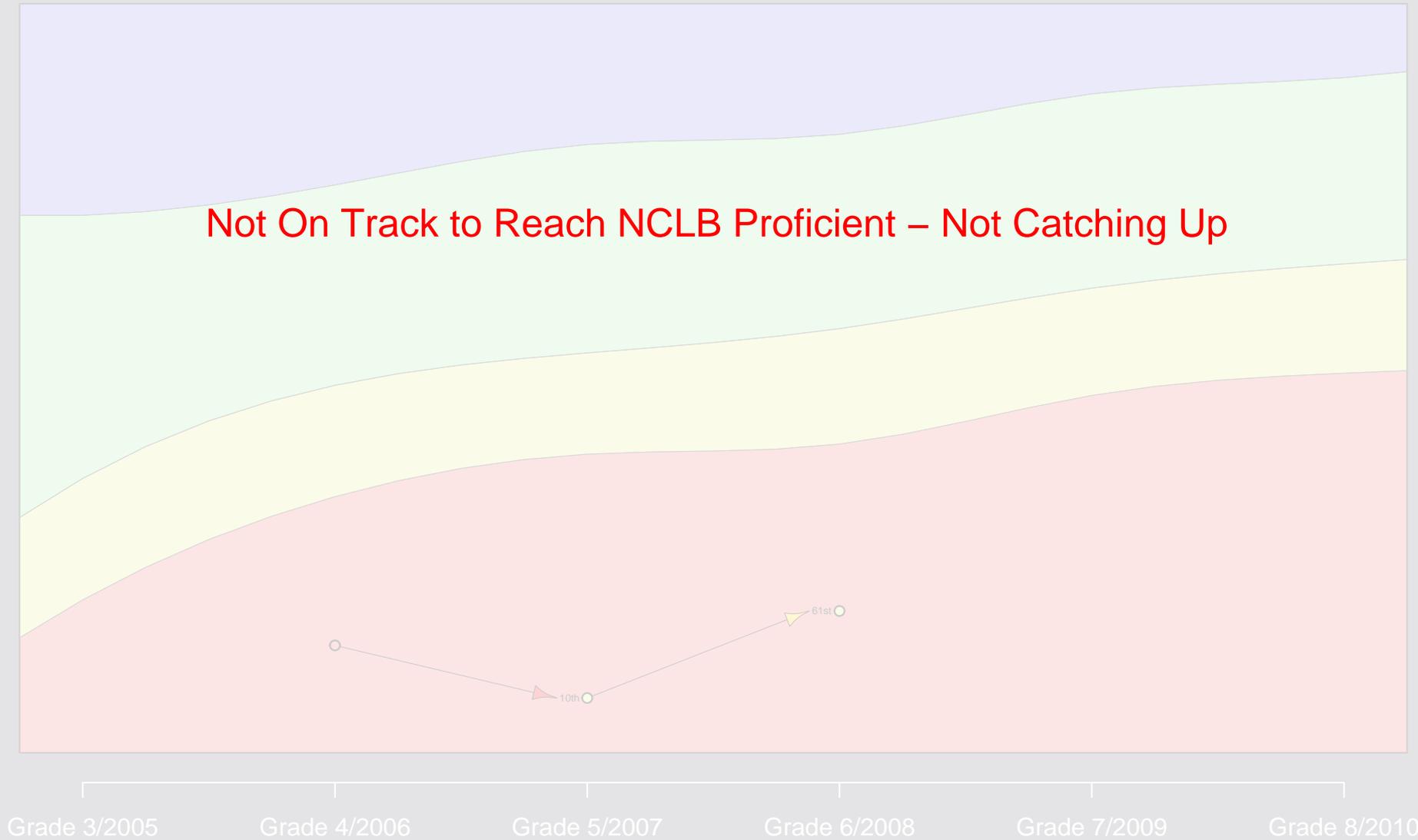
In 2008 CDE estimated that it would take 67th percentile growth, consecutively for two years, to reach NCLB proficient. Their 70th percentile growth puts them ahead of that 2 year target.

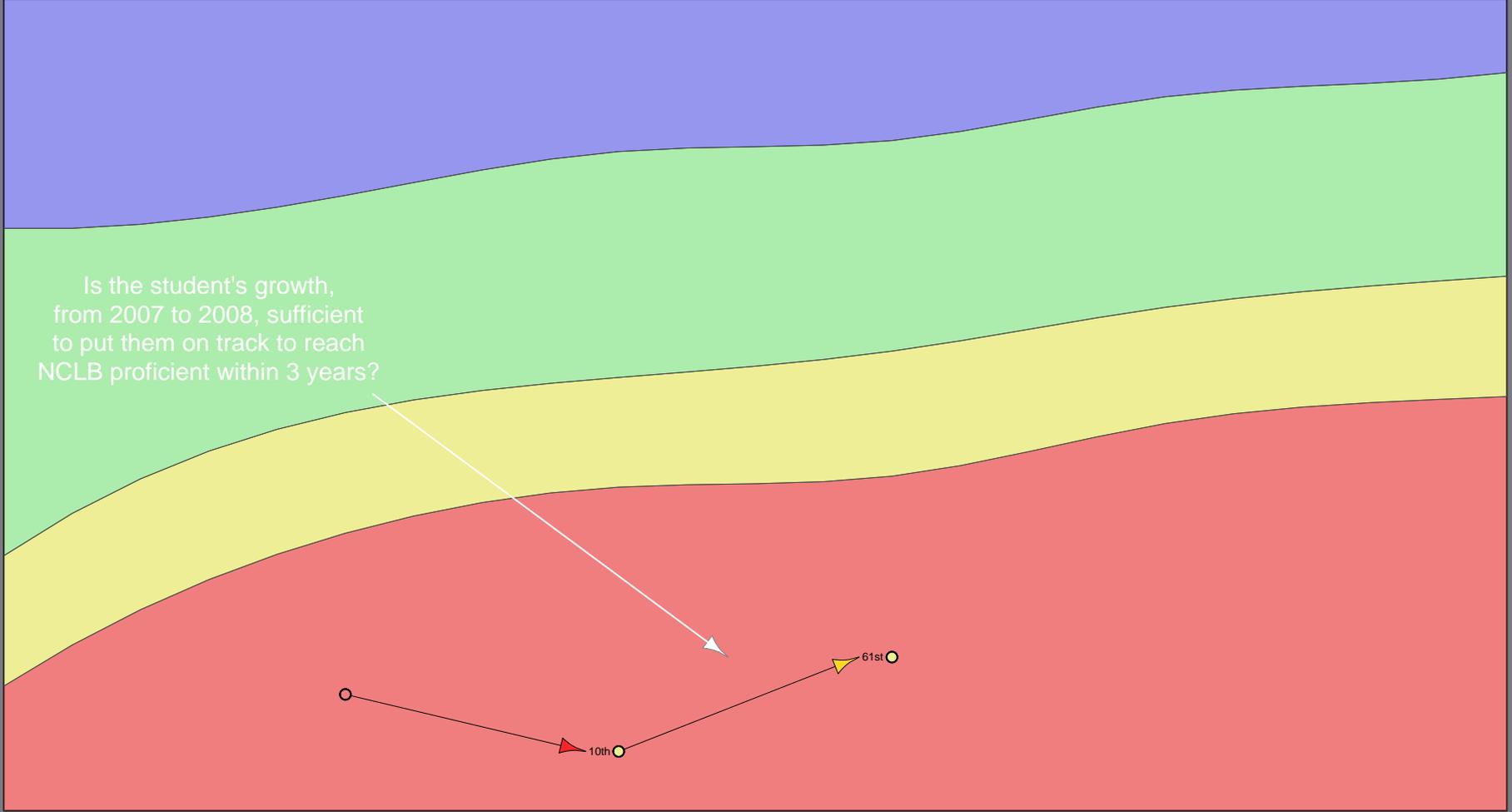
In 2008 CDE estimated that it would take 55th percentile growth, consecutively for three years, to reach NCLB proficient. Their 70th percentile growth puts them ahead of that 3 year target.

After 1 year the student remains unsatisfactory, so their 1 year growth was not enough to get them to NCLB proficient.

Is the student's growth, from 2007 to 2008, sufficient to put them on track to reach NCLB proficient?

Not On Track to Reach NCLB Proficient – Not Catching Up





Grade 3/2005

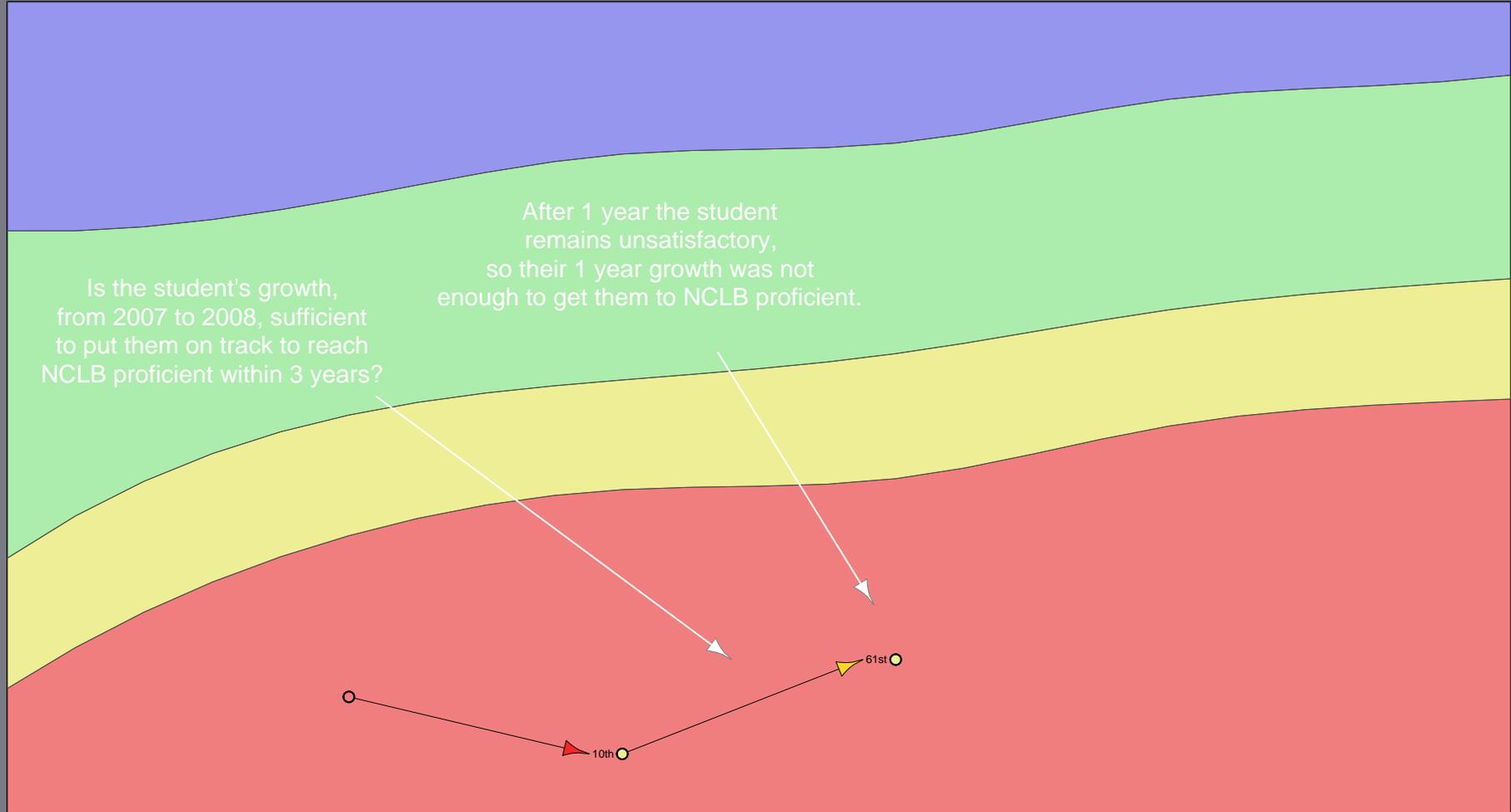
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

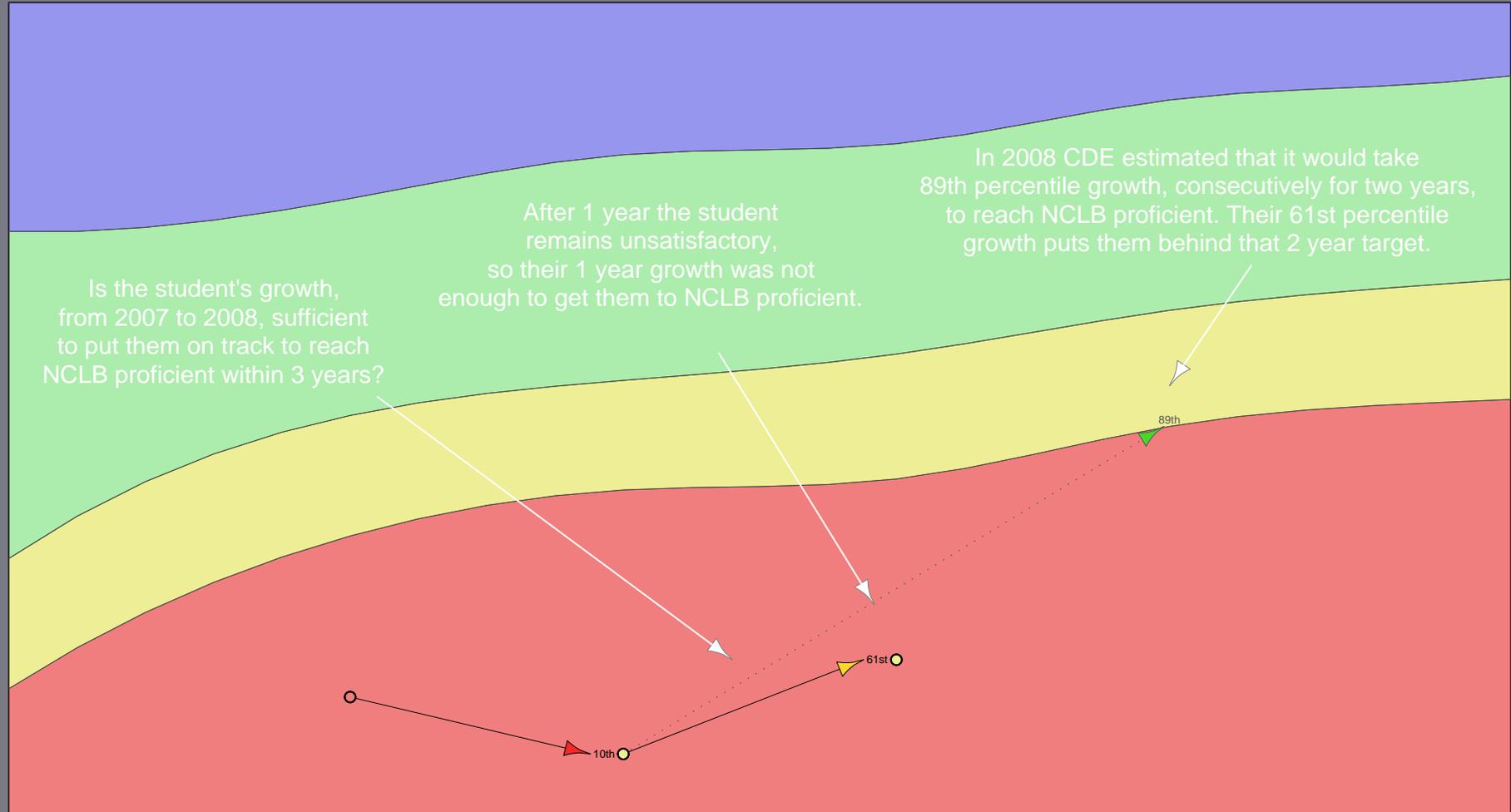
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

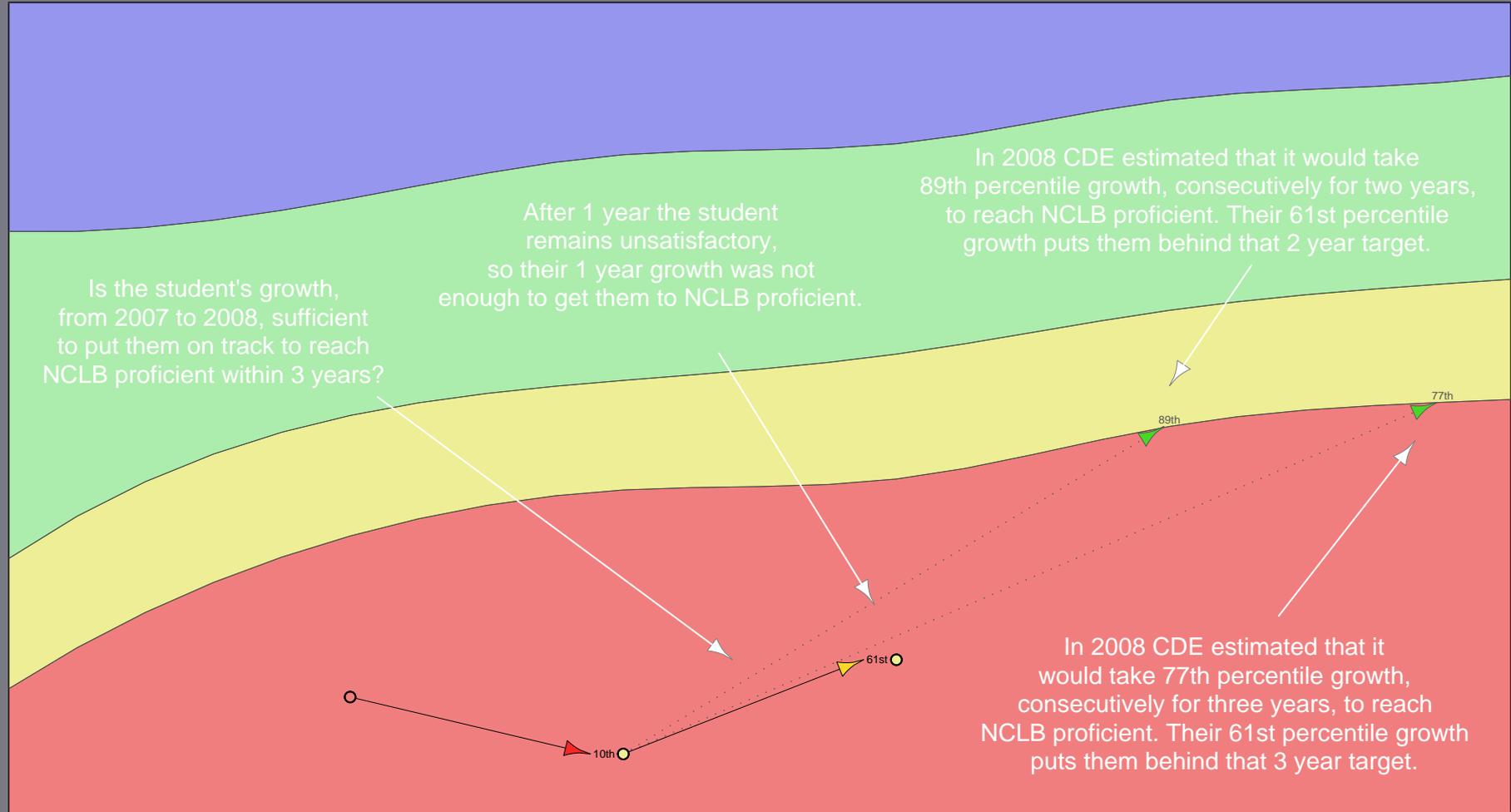
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

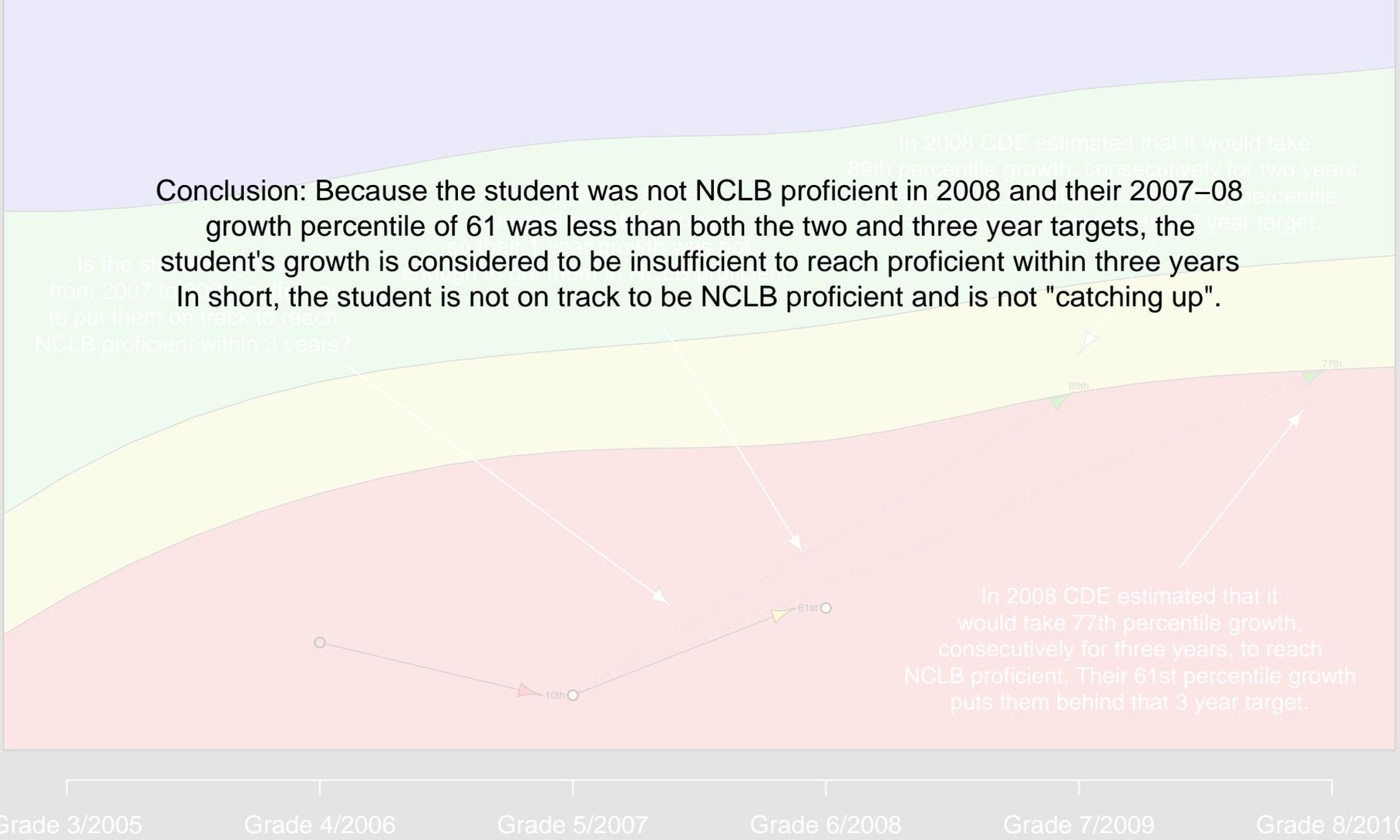
Grade 4/2006

Grade 5/2007

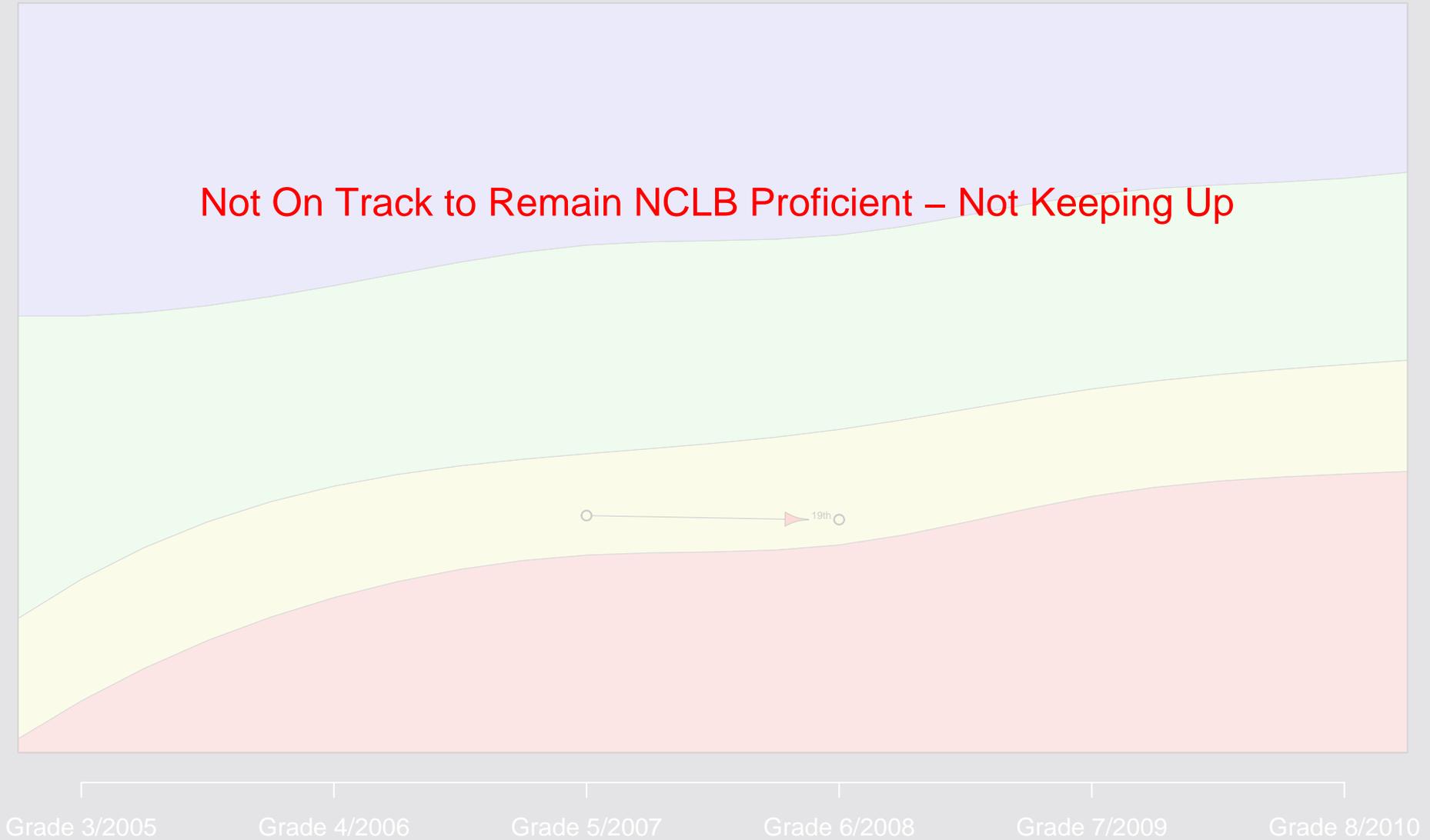
Grade 6/2008

Grade 7/2009

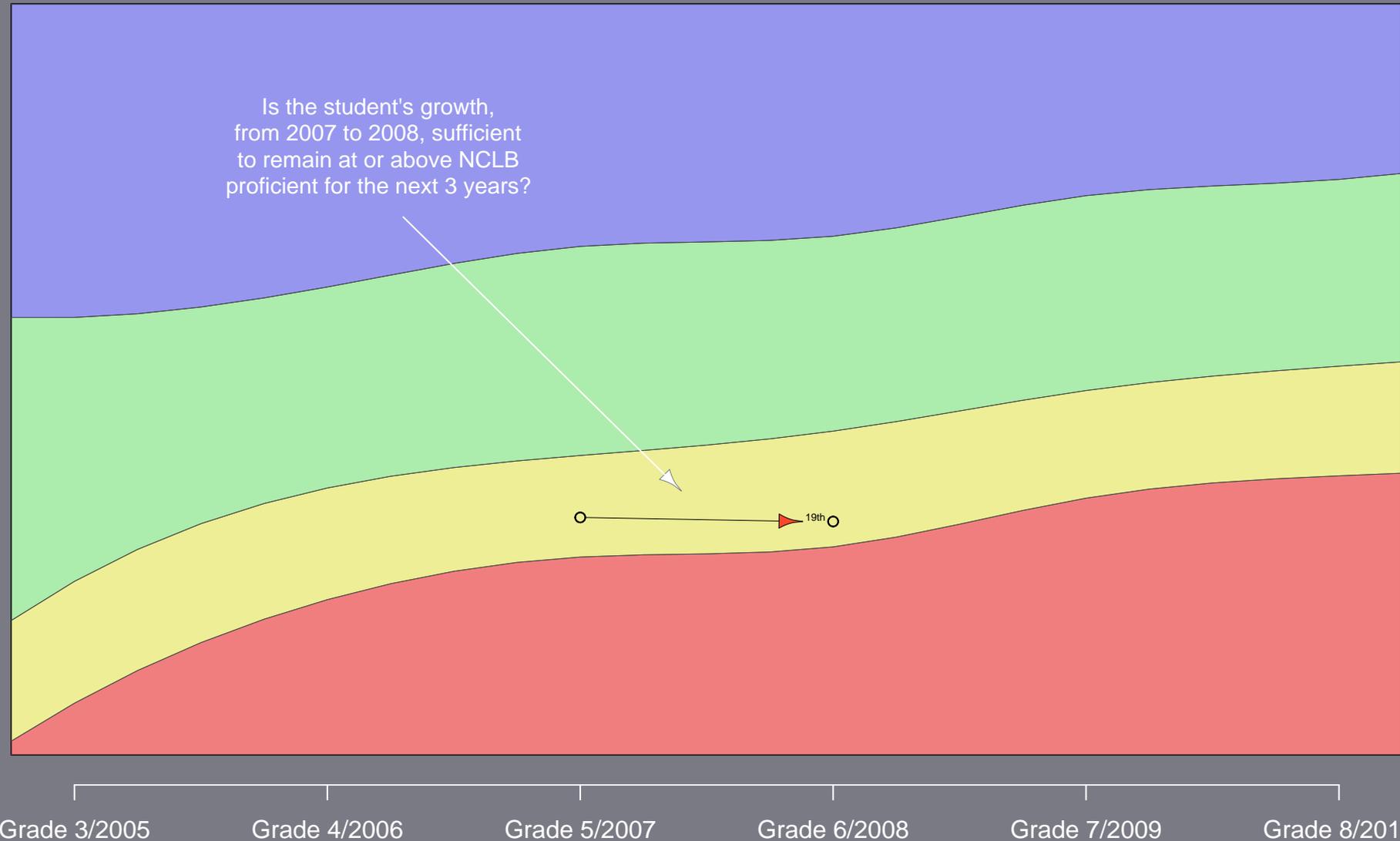
Grade 8/2010



Not On Track to Remain NCLB Proficient – Not Keeping Up



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



Grade 3/2005

Grade 4/2006

Grade 5/2007

Grade 6/2008

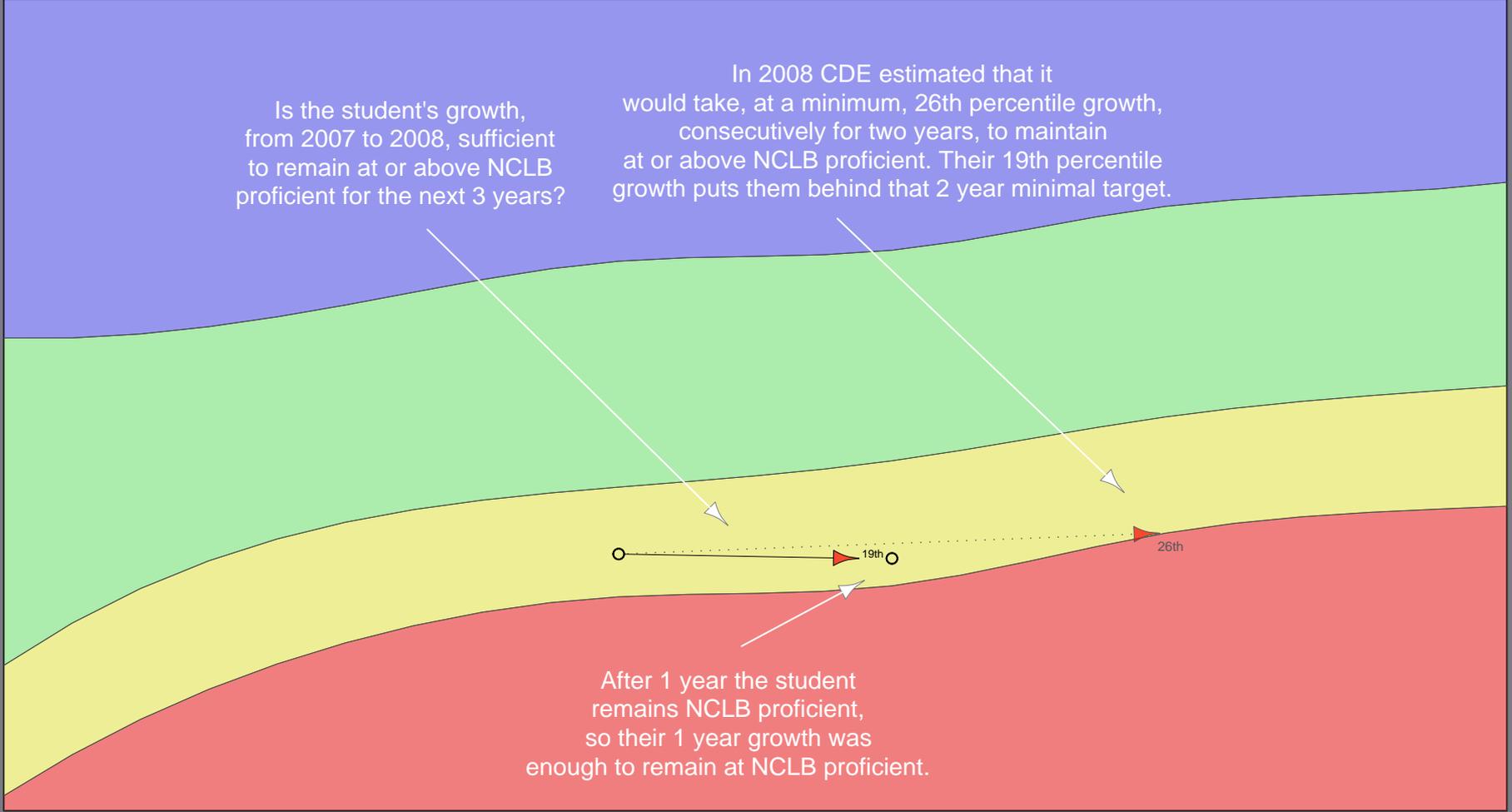
Grade 7/2009

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.





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.

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

Grade 3/2005

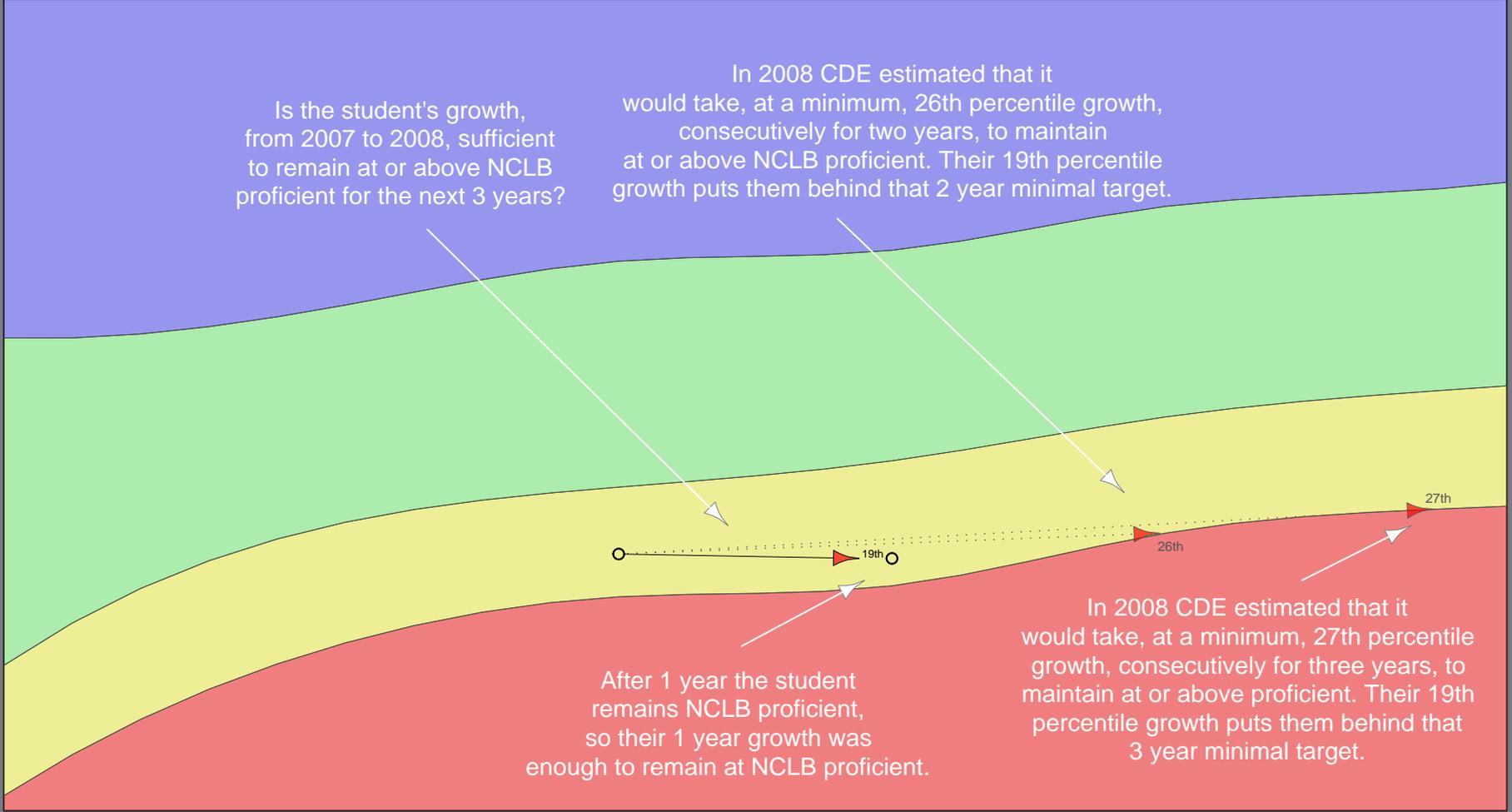
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



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.

Grade 3/2005

Grade 4/2006

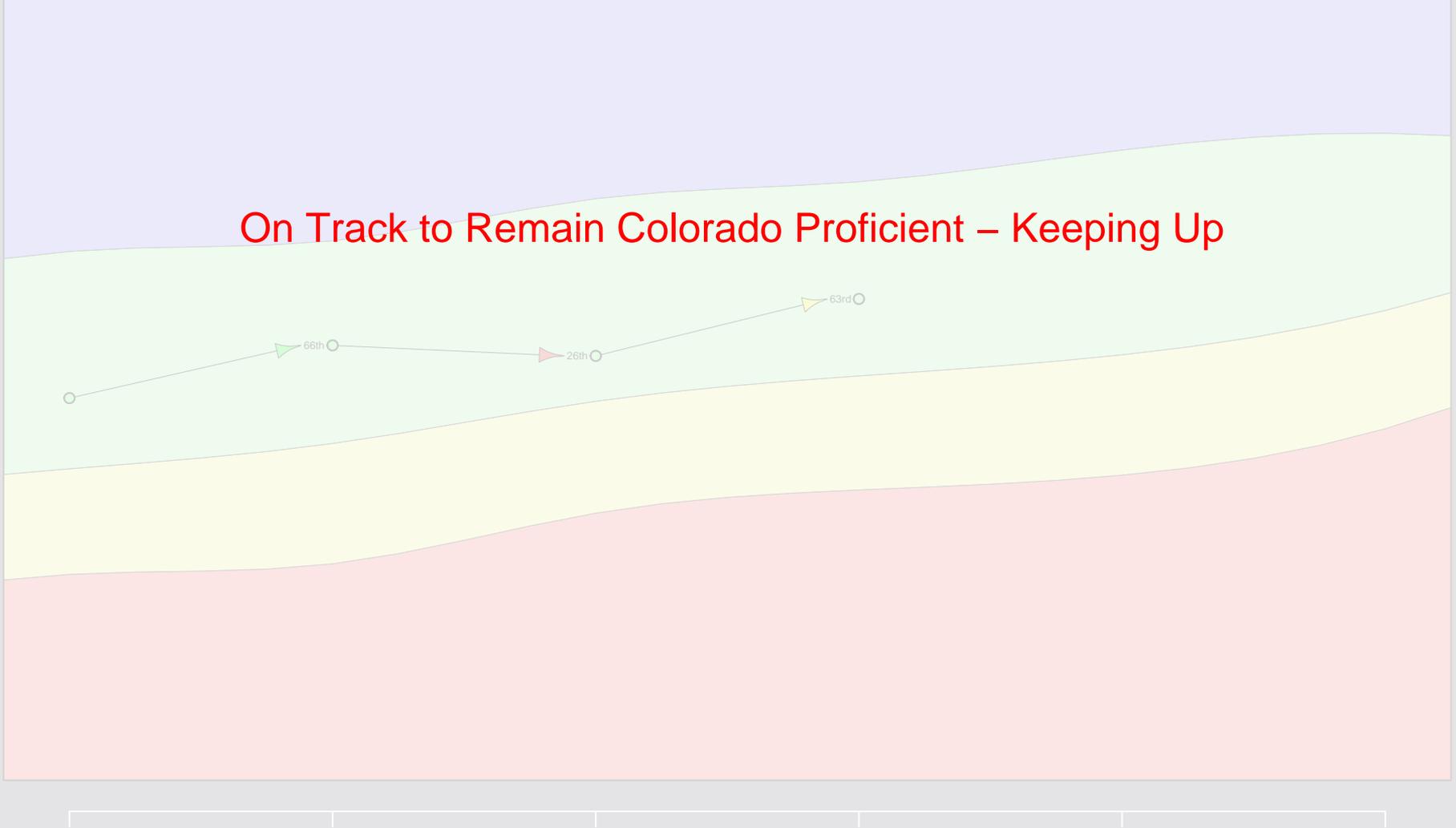
Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010

On Track to Remain Colorado Proficient – Keeping Up



Grade 5/2005

Grade 6/2006

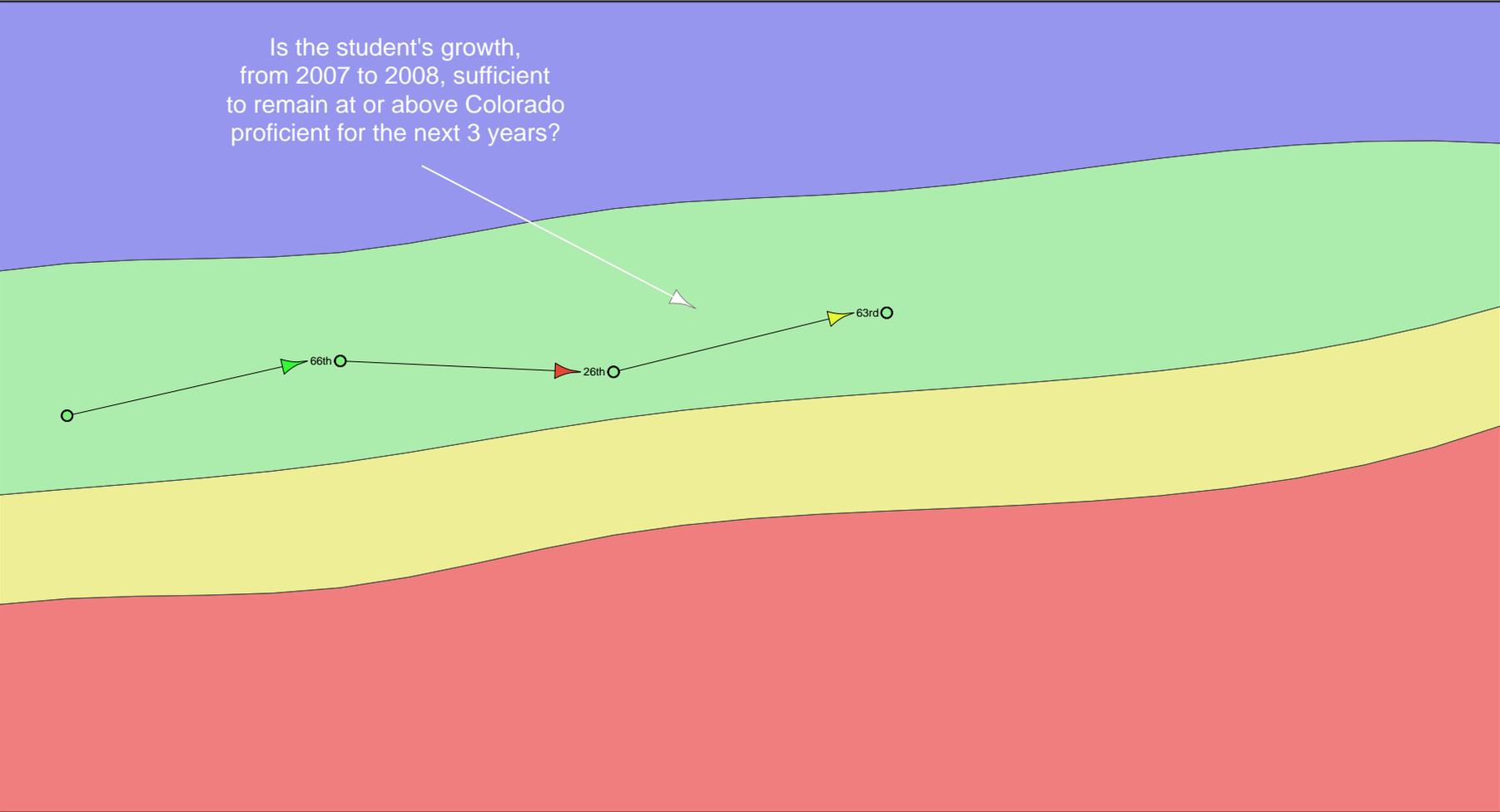
Grade 7/2007

Grade 8/2008

Grade 9/2009

Grade 10/2010

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



Grade 5/2005

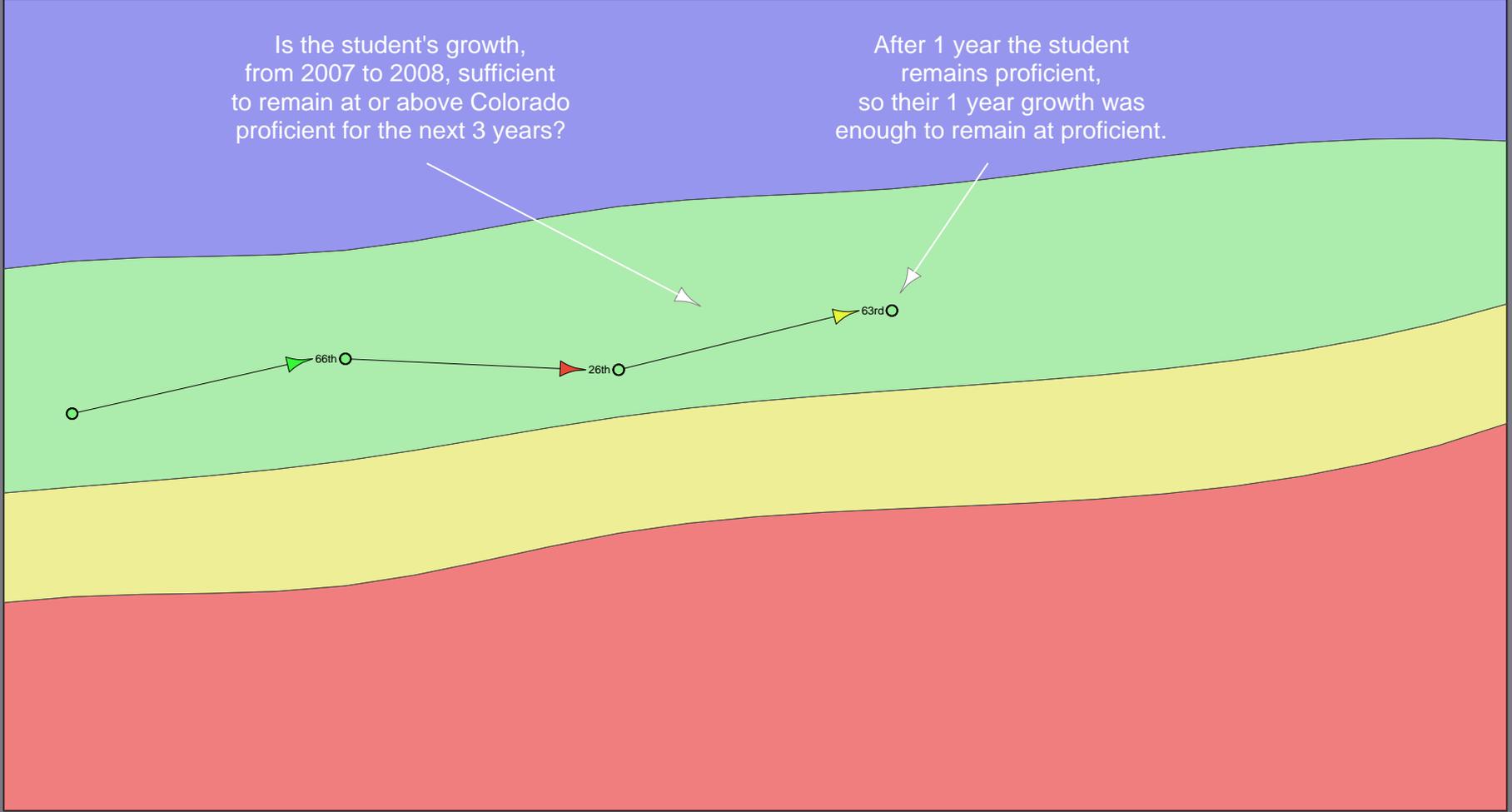
Grade 6/2006

Grade 7/2007

Grade 8/2008

Grade 9/2009

Grade 10/2010



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.

Grade 5/2005

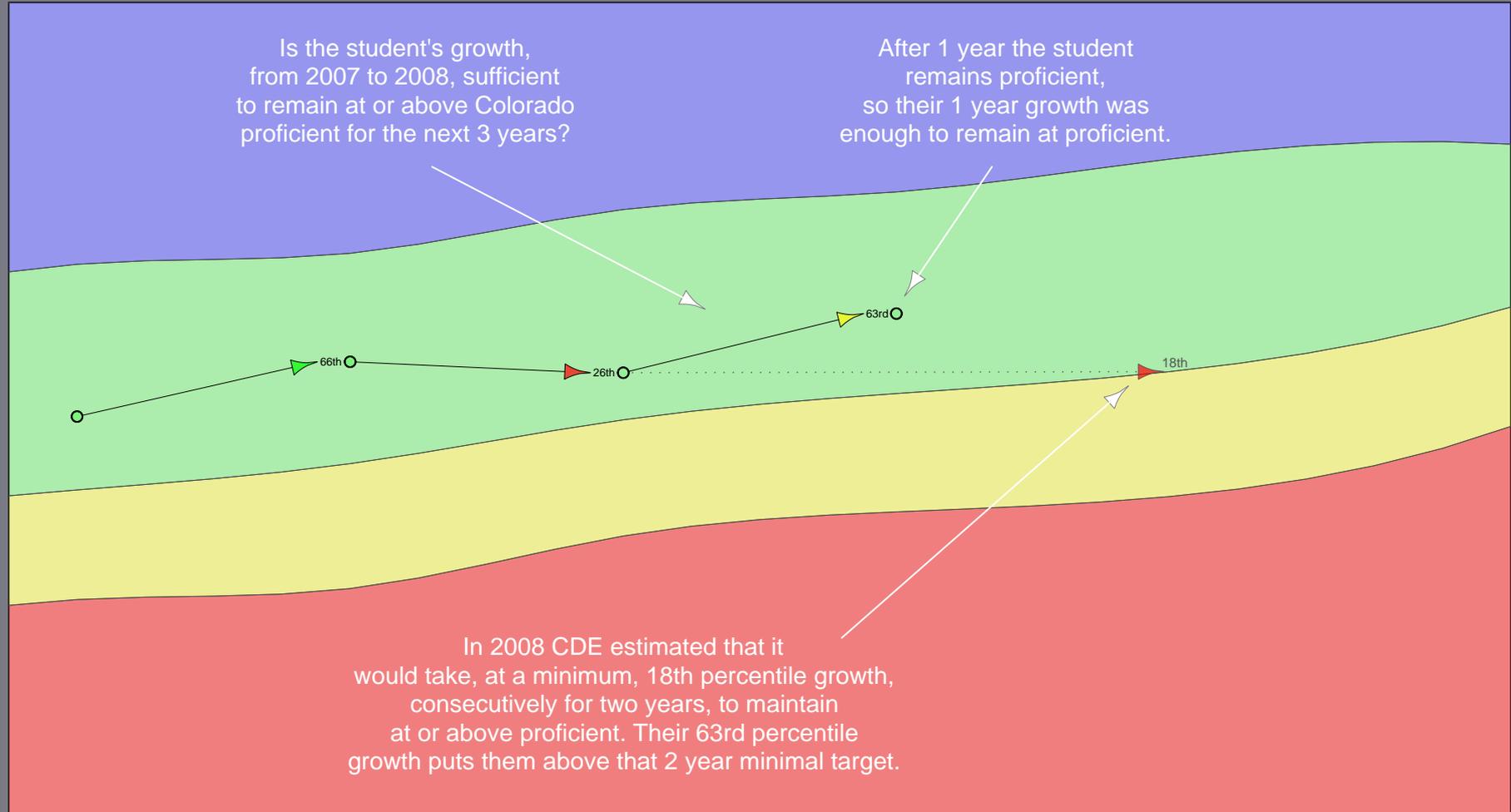
Grade 6/2006

Grade 7/2007

Grade 8/2008

Grade 9/2009

Grade 10/2010



Grade 5/2005

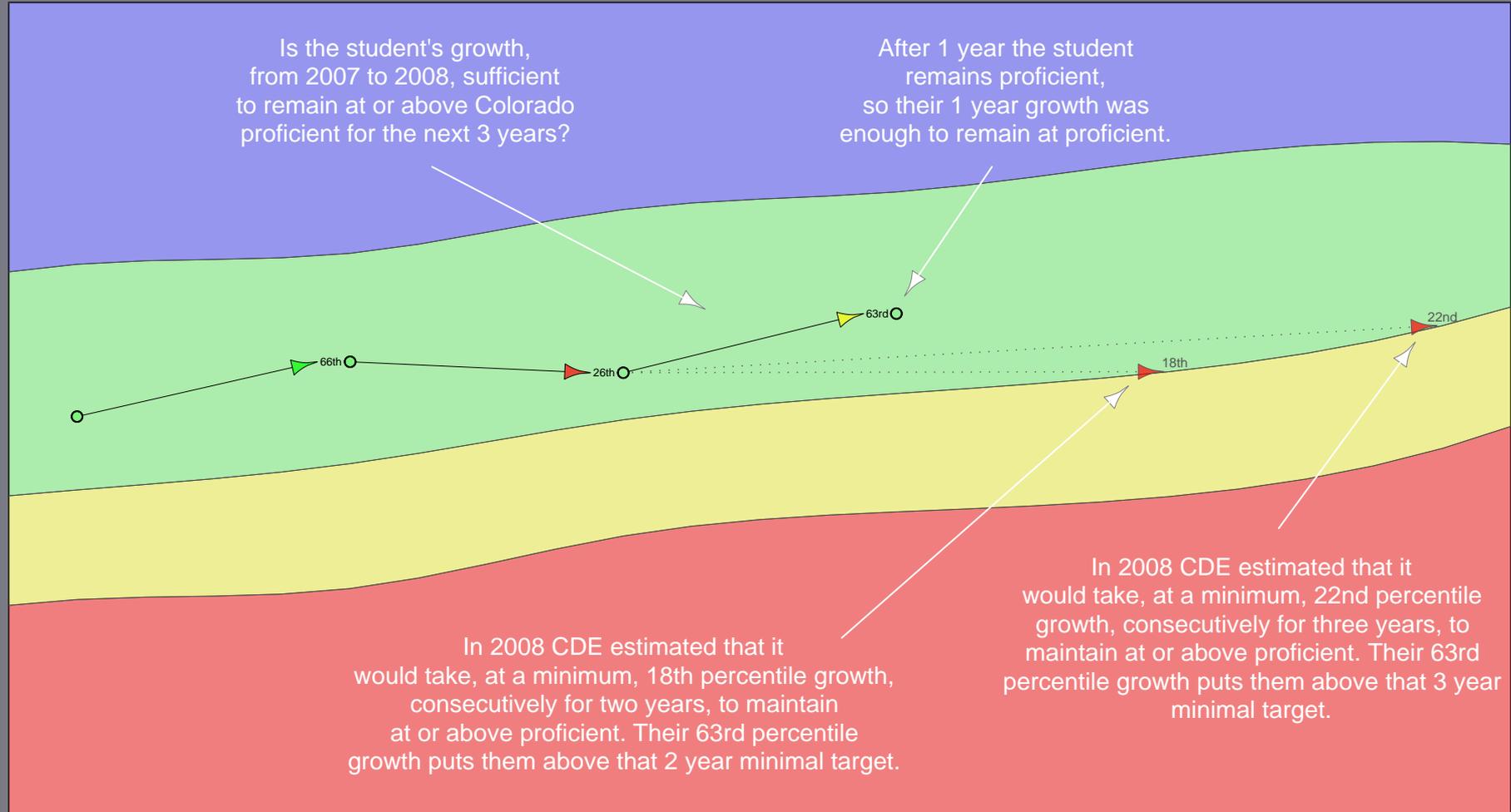
Grade 6/2006

Grade 7/2007

Grade 8/2008

Grade 9/2009

Grade 10/2010



Grade 5/2005

Grade 6/2006

Grade 7/2007

Grade 8/2008

Grade 9/2009

Grade 10/2010

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

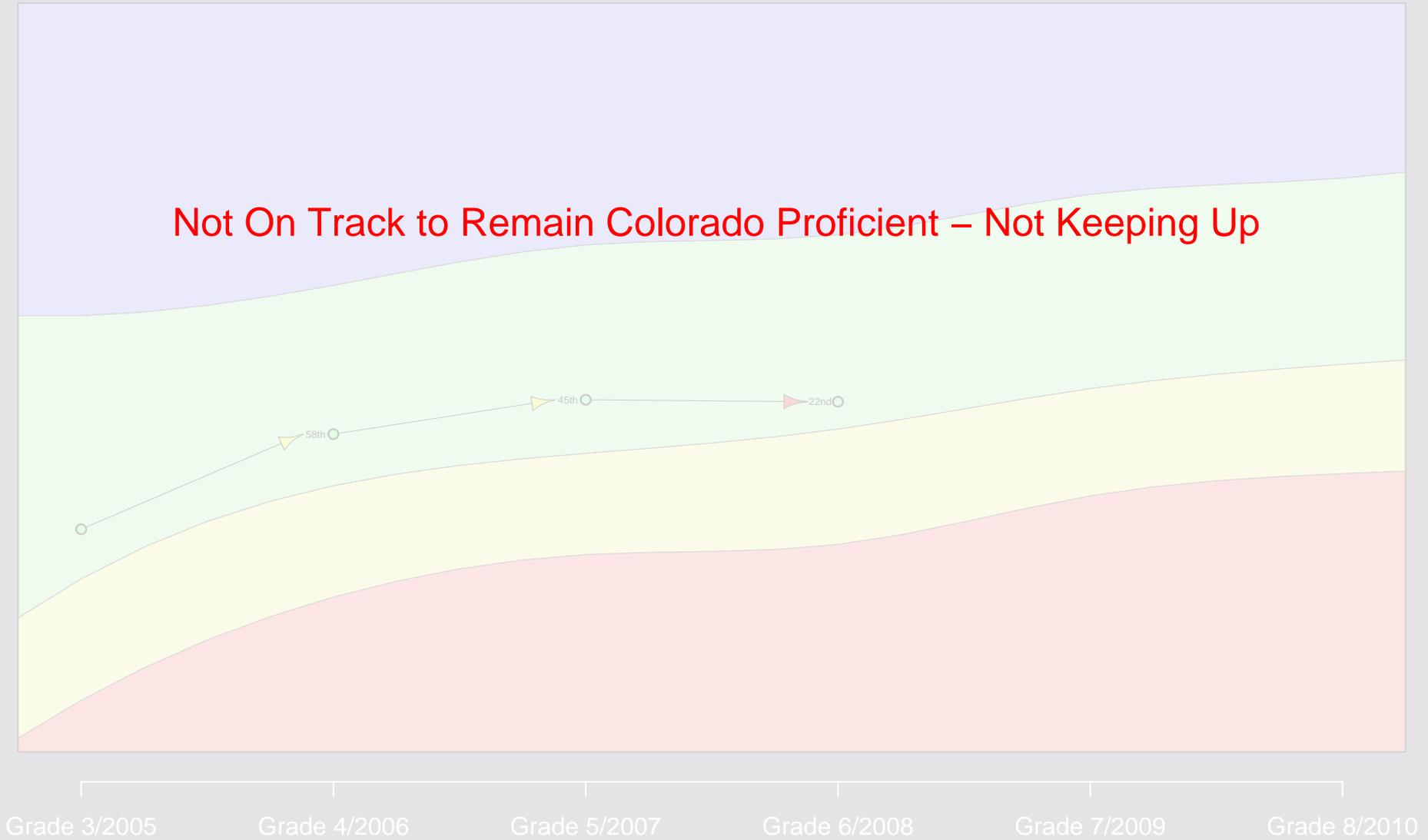
Grade 8/2008

Grade 9/2009

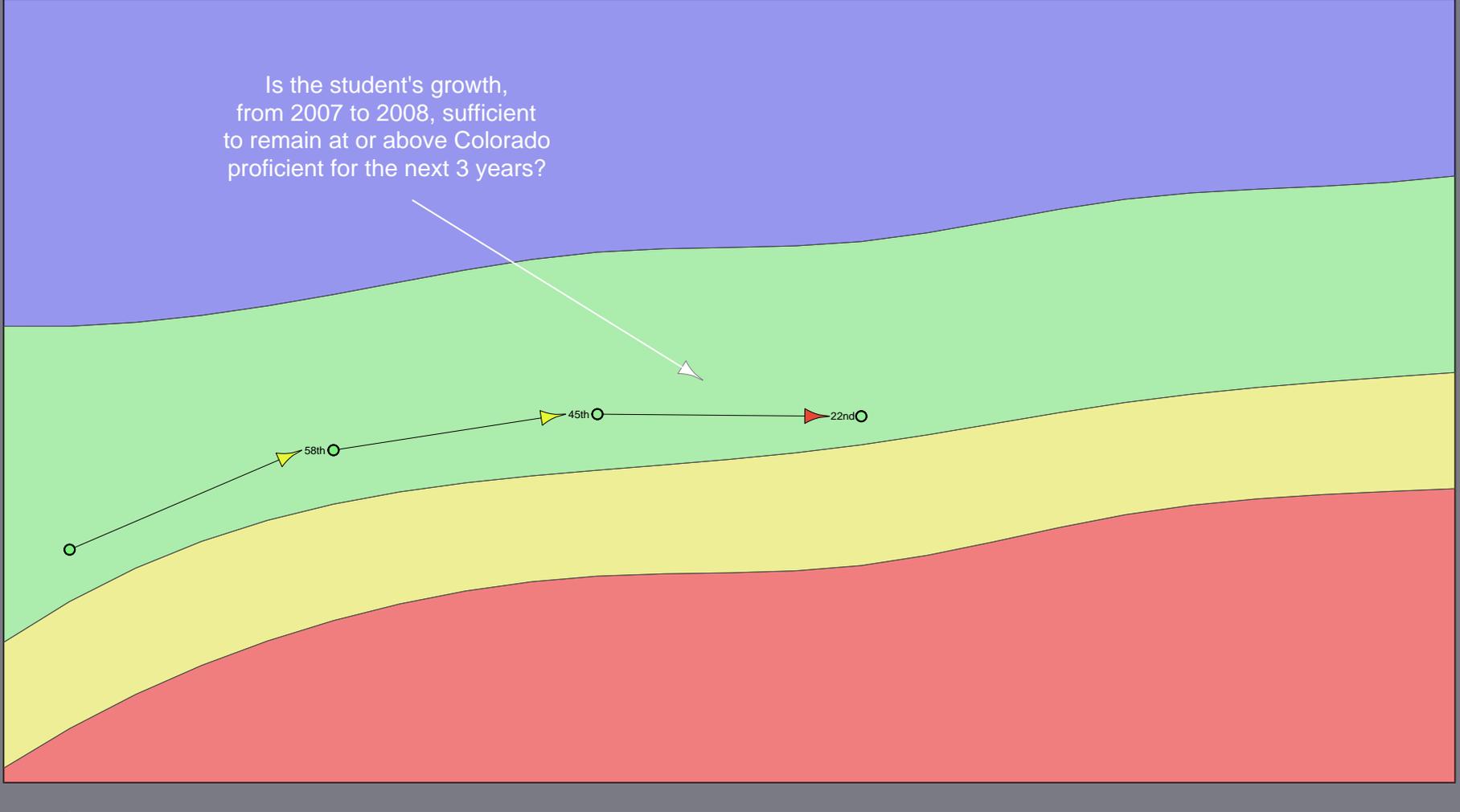
Grade 10/2010



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?



Grade 3/2005

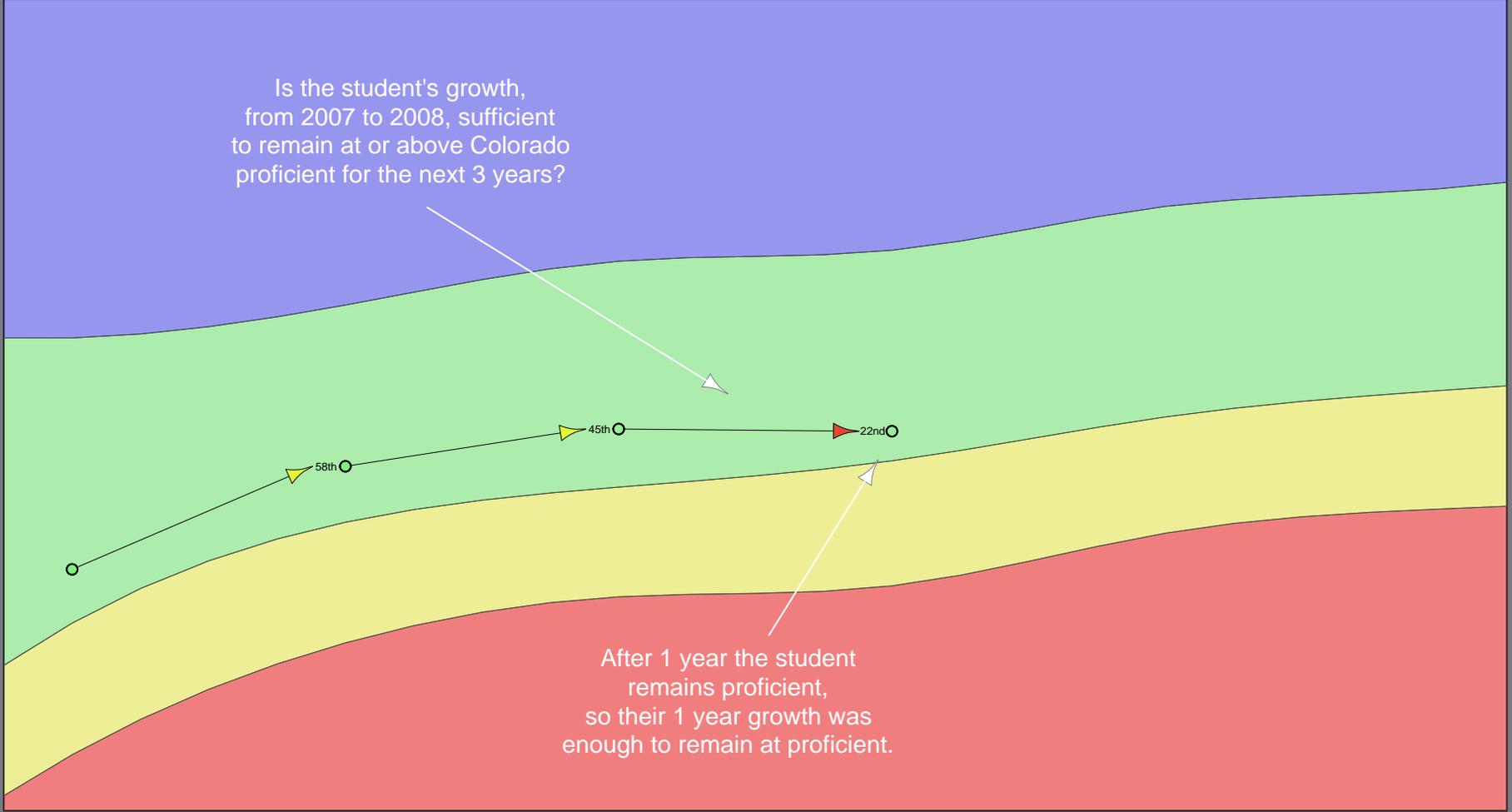
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

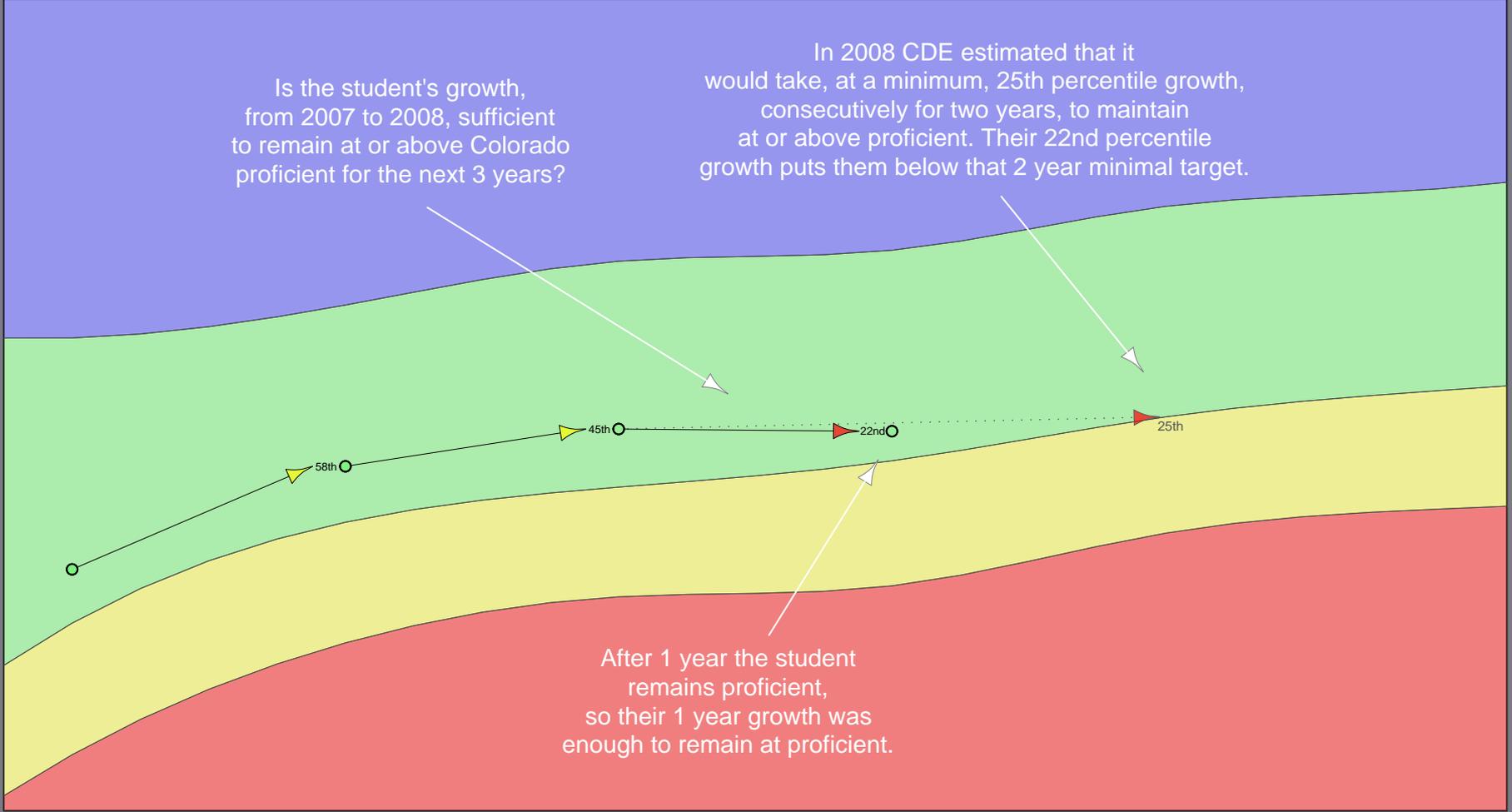
Grade 4/2006

Grade 5/2007

Grade 6/2008

Grade 7/2009

Grade 8/2010



Grade 3/2005

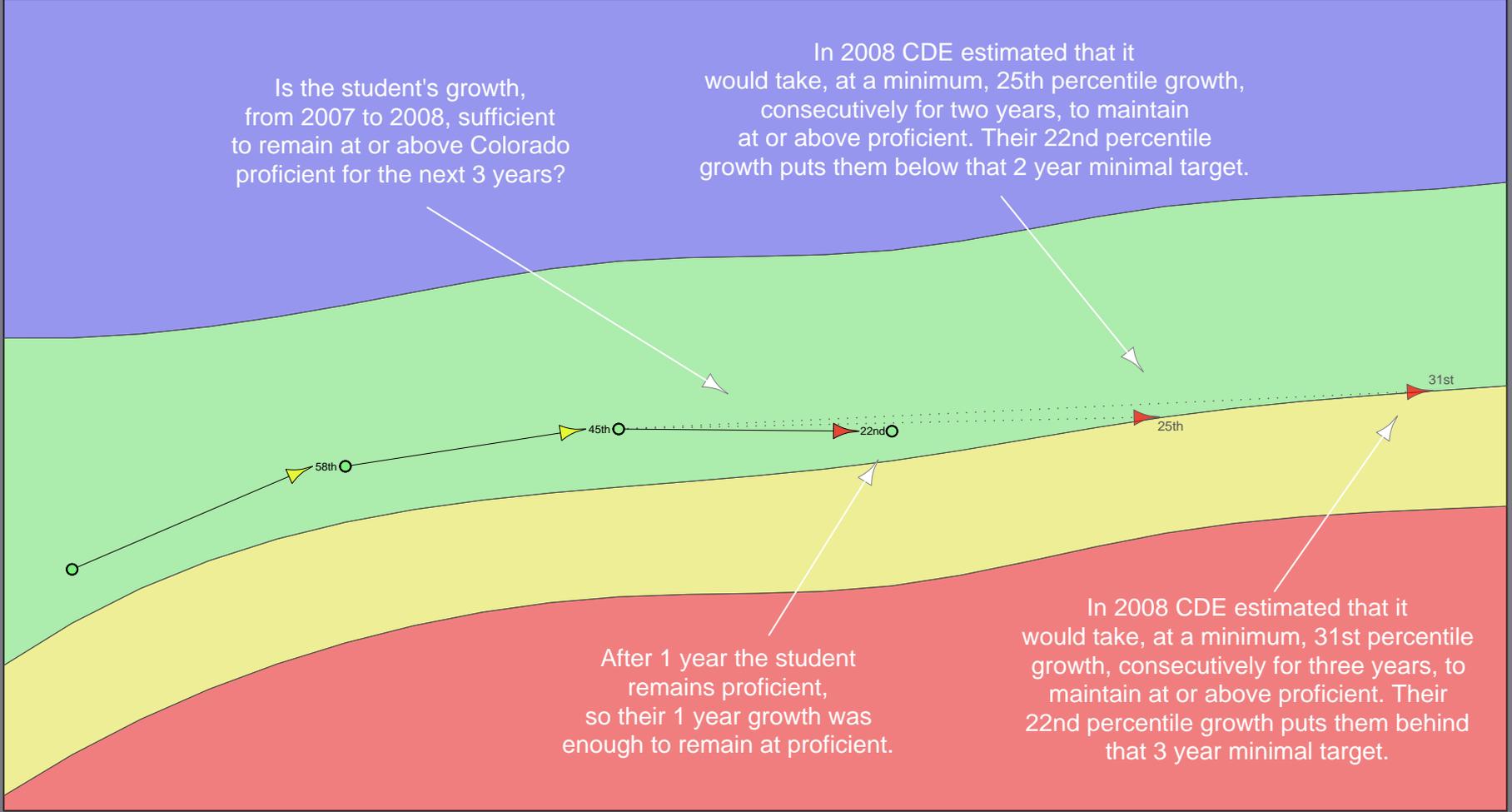
Grade 4/2006

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 Colorado 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.

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

In 2008 CDE estimated that it would take, at a minimum, 31st percentile growth, consecutively for three years, to maintain at or above proficient. Their 22nd percentile growth puts them behind that 3 year minimal target.

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 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".

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

In 2008 CDE estimated that it would take, at a minimum, 31st percentile growth, consecutively for three years, to maintain at or above proficient. Their 22nd percentile growth puts them behind that 3 year minimal target.

